



Catalogue No: 78

Outdoor, Urban and Industrial Lighting

May 2016

simon



Outdoor, Urban and Industrial Lighting










| | |
|------------------------------------|-----|
| CONTENTS | |
| Product Index | 4 |
| Photographic Index | 6 |
| Alphanumeric Index | 12 |
| PRODUCT | 15 |
| INDEX OF REFERENCES | 172 |
| STANDARDISED LUMINAIRE DESCRIPTION | 184 |
| STANDARDISED ARM DESCRIPTION | 186 |
| DIMMING REQUEST | 187 |
| GENERAL INFORMATION | 188 |
| SIMON LIGHTING COLOUR CHART | 191 |

PRODUCT INDEX

LED LUMINAIRES



| | | |
|-------------------------------|-----|-----|
| ROAD | | |
| NATH L Istanium® | LED | 1 6 |
| NATH M Istanium® | LED | 1 7 |
| NATH S Istanium® | LED | 1 8 |
| DECORATIVE | | |
| KUMA Istanium® | LED | 1 9 |
| MIZAR Istanium® | LED | 2 1 |
| ALYA LHS Istanium® | LED | 2 2 |
| ALYA LCS Istanium® | LED | 2 3 |
| ALYA LAS Istanium® | LED | 2 4 |
| ATIK Istanium® | LED | 2 5 |
| HYDRA Istanium® | LED | 2 7 |
| CLASSIC | | |
| BORA Istanium® | LED | 2 8 |
| BERLIN M Istanium® | LED | 2 9 |
| SPOTLIGHTS | | |
| ETNA Istanium® | LED | 3 3 |
| DEMON Istanium® | LED | 3 5 |
| MILOS M Istanium® | LED | 3 6 |
| MILOS S Istanium® | LED | 3 7 |
| FOGO Istanium® | LED | 3 8 |
| LORE Istanium® | LED | 3 9 |
| ARCHITECTURAL | | |
| IRIS LED | | 4 0 |
| RECESSED FLOOR | | |
| NYX LED | | 4 2 |
| ES1 LED | | 4 3 |
| BEACONS | | |
| JR1 LED | | 4 3 |
| OPTICAL GROUP ISTANIUM LED | | |
| ATIK Istanium® | LED | 4 6 |
| HYDRA Istanium® | LED | 4 7 |
| BERLIN Istanium® | LED | 4 8 |
| PRAGA Istanium® | LED | 4 9 |
| FC6 Istanium® | LED | 5 0 |

HID AND FLUORESCENCE LUMINAIRES

| | | | | |
|-------------------------------------|---|-------|--|-------|
| ROAD | | | | |
| SYRMA | HID | 5 4 | | |
| ZANIAH | HID | 5 8 | | |
| VEGA | HID | 6 1 | | |
| AP1 | HID | 6 3 | | |
| DECORATIVE | | | | |
| KUMA RD | HID | 6 6 | | |
| KUMA | HID | 6 7 | | |
| ENIF | HID | 6 9 | | |
| MIZAR | HID | 7 1 | | |
| ALYA | HID | 7 2 | | |
| HEKA | HID | 7 3 | | |
| SPICA | HID | 7 7 | | |
| ATIK | HID | 7 9 | | |
| HYDRA | HID | 8 3 | | |
| ALCOR | HID | 8 6 | | |
| BR | HID | 8 7 | | |
| CLASSIC | | | | |
| NAVI | HID | 8 9 | | |
| BORA | HID | 9 0 | | |
| BERLIN | HID | 9 2 | | |
| PRAGA | HID | 9 4 | | |
| FC6 | HID | 9 6 | | |
| GO1 | HID  | 9 7 | | |
| SPOTLIGHTS | | | | |
| DECORATIVE | | | | |
| ETNA | HID | 9 8 | | |
| TAOS | HID  | 1 0 1 | | |
| DEMON | HID | 1 0 2 | | |
| MILOS | HID | 1 0 4 | | |
| FOGO | HID | 1 0 6 | | |
| LORE | HID | 1 0 8 | | |
| PR30 | HID | 1 0 9 | | |
| PR31 | HID | 1 1 0 | | |
| EGON PR | HID  | 1 1 1 | | |
| BOX M | | 1 1 2 | | |
| FUNCTIONAL SPOTLIGHTS | | | | |
| PR4 | | | | 1 1 3 |
| PR12 |  | | | 1 1 3 |
| PR17 | | | | 1 1 3 |
| PR40 |  | | | 1 1 5 |
| PR22 | | | | 1 1 5 |
| PR15 |  | | | 1 1 6 |
| ARCHITECTURAL | | | | |
| NYOS |  | | | 1 1 6 |
| INGROUND UPLIGHTS | | | | |
| STROMBOLI LD | | | | 1 1 6 |
| STROMBOLI MF | | | | 1 1 7 |
| STROMBOLI MD | | | | 1 1 7 |
| STROMBOLI MC | | | | 1 1 7 |
| BEACONS | | | | |
| JR1 | | | | 1 1 8 |
| JR2 |  | | | 1 1 9 |
| JR3 | | | | 1 2 0 |
| GARDEN, TERTIARY AND RESIDENTIAL | | | | |
| FC2 | | | | 1 2 0 |
| BL7 |  | | | 1 2 1 |
| LP2 | | | | 1 2 2 |
| BD7 | | | | 1 2 2 |
| BD9 | | | | 1 2 2 |
| BD3 | | | | 1 2 3 |
| BD4 | | | | 1 2 3 |
| BD2 | | | | 1 2 4 |
| UNDERWATER POOL | | | | |
| SU2 | | | | 1 2 4 |
| SU3 | | | | 1 2 5 |
| UNDERWATER FOUNTAIN | | | | |
| SU4 | | | | 1 2 6 |
| SU7 | | | | 1 2 6 |

LIGHT POINTS AND BRACKETS

WATERPROOF AND TERMINAL BLOCKS

| | |
|---|-----|
| FL+  | 127 |
| FL7  | 129 |
















INDUSTRIAL LUMINAIRES

| | |
|---|-----|
| EGON IN  | 130 |
| INSV | 131 |
| IN40 | 132 |
| IN20 | 133 |

DECORATIVE LUMINAIRES

| | |
|------|-----|
| IN10 | 134 |
|------|-----|



REPLACEMENTS

| | |
|---|-----|
| FO2  | 138 |
| AP2  | 139 |
| AP4  | 140 |
| AP5  | 141 |
| AP10  | 142 |
| PR2  | 142 |
| PR10  | 143 |
| PR13  | 143 |
| IN5H  | 143 |
| NYOS  | 144 |
| IN6  | 144 |
| IN8  | 144 |
| JR9  | 145 |
| JR11  | 145 |
| VIENA HID  | 146 |
| VIENA Istanium® LED | 146 |

SOLAR LIGHTING POINTS

| | |
|----------------|-----|
| CEDRUS SOLAR | 150 |
| MAGNOLIA SOLAR | 151 |

PEDESTRIAN LIGHTING POINTS

| | |
|--|-----|
| TRAFIC DEMON Istanium® LED  | 152 |
| TRAFIC MILOS Istanium® LED  | 154 |

FUNCTIONAL POLES

| | |
|--------|-----|
| CLA16 | 156 |
| CLB 16 | 156 |
| CL0 | 157 |
| CL0 M | 157 |
| CL1 | 158 |
| CEU | 158 |
| CAM | 159 |
| CU | 159 |
| CIL | 160 |
| ARCO | 160 |
| ARCO M | 161 |
| BC1 | 161 |
| BEU | 162 |
| BAM | 162 |

ARMS, CLAMPS AND FANLIGHTS FOR POLES

| | |
|-------------|-----|
| ALF1 | 163 |
| ALF2 | 164 |
| ALF3 | 165 |
| CROSSPIECES | 166 |
| CR1 | 167 |
| CR2 | 167 |
| CR3 | 168 |

WALL ARMS

| | |
|-----------------|-----|
| BANDEROLA (BM1) | 169 |
| BM13 | 169 |
| BM10 | 170 |
| BM11 | 170 |
| BM2 | 171 |
| BM5 | 171 |
| BM9 | 171 |

PHOTOGRAPHIC INDEX

LED LUMINAIRES

ROAD



NATH L Istanium® LED 16



NATH M Istanium® LED 17



NATH S Istanium® LED 18

DECORATIVE



KUMA Istanium® LED 19



MIZAR Istanium® LED 21



ALYA Istanium® LED 22



ATIK Istanium® LED 25



HYDRA Istanium® LED 27

CLASSIC



BORA Istanium® LED 28



BERLÍN Istanium® LED 29



PRAGA M PRO Istanium® LED 30



PRAGA M BASIC Istanium® LED 31



PRAGA S FC6 Istanium® LED 32

SPOTLIGHTS



ETNA Istanium® LED 33



DEMON Istanium® LED 35



MILOS M Istanium® LED 36



MILOS S Istanium® LED 37

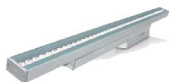


FOGO Istanium® LED 38



LORE Istanium® LED 39

ARCHITECTURAL



IRIS LED 40

RECESSED FLOOR



NYX LED 42



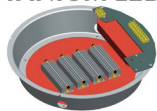
ES1 LED 43

BEACONS

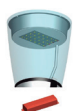


JR1 LED 43

ISTANIUM LED OPTICAL GROUP



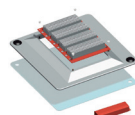
ATIK Istanium® LED 46



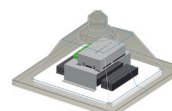
HYDRA Istanium® LED 47



BERLIN Istanium® LED 48



PRAGA Istanium® LED 49



FC6 Istanium® LED 50

HID AND FLUORESCENCE LUMINAIRES

ROAD



SYMA HID 54



ZANIAH HID 58



VEGA HID 61



API HID 63

DECORATIVE



KUMARD HID 66



KUMA HID 67



ENIF HID 69



MIZAR HID 71



ALYA HID 72



HEKA HID 73



SPICA HID 77



ATIK HID 79



HYDRA HID 83



ALCOR HID 86



BR HID 87

CLASSIC



NAVI HID 89



BORA HID 90



BERLIN HID 92



PRAGA HID 94



FC6 HID 9



GO1 HID 92

DECORATIVE SPOTLIGHTS



ETNA HID 98



TAOS HID 101



DEMON HID 102



MILOS HID 104



FOGO HID 106



LORE HID 108



PR30 HID 109



PR31 HID 110



EGON PR HID 111



BOX M 112

FUNCTIONAL SPOTLIGHTS



PR4 113



PR12 113



PR17 113



PR40 115



PR22 115



PR15 116

ARCHITECTURAL



NYOS 116

PHOTOGRAPHIC INDEX

HID AND FLUORESCENCE LUMINAIRES

RECESSED FLOOR



STROMBOLI LD 116



STROMBOLI MF 117



STROMBOLI MD 117



STROMBOLI MC 117

BEACONS



JR1 118



JR2 119



JR3 120

GARDEN, TERTIARY AND RESIDENTIAL



FC2 120



BL7 121



LP2 122



BD7 122



BD9 122



BD3 123



BD4 123



BD2 124

UNDERWATER POOL



SU2 119



SU3 120

UNDERWATER FOUNTAIN



SU4 126



SU7 126

WATERPROOF LUMINAIRES AND TERMINAL BLOCKS



FL+ 127



FL7 129

INDUSTRIAL LUMINAIRES



EGON IN 130



IN5V 131



IN40 132



IN20 133

DECORATIVE LUMINAIRES



HID REPLACEMENTS



FO2 138



AP2 139



AP4 140



AP5 141



AP10 142



PR2 142



PR10 143



PR13 143



IN5H 143



NYOS 144



IN6 144



IN8 144



JR9 145



JR11 145



VIENA LED 146



VIENA HID 146

PHOTOGRAPHIC INDEX

LIGHT POINTS AND BRACKETS

SOLAR LIGHTING POINTS



CEDRUS SOLAR 150



MAGNOLIA SOLAR 151

PEDESTRIAN PATH LIGHTING POINTS



TRAFIC DEMON 152 



TRAFIC MIŁOS 154 

FUNCTIONAL POLES



CLA 16 156



CLB 16 156



CLO 157



CLO M 157



CL1 158



CEU 158



CAM 159



CU 159



CIL 160



ARCO 160



ARCO M 161



BC1 161



BEU 162



BAM 162

ARMS, CLAMPS AND CROSSPIECES FOR POLES



ALF1 163



ALF2 164



ALF3 165



CROSSPIECES 166



CR1 167



CR2 167



CR3 168

WALL ARMS



BANDEROLA (BM1) 169



BM13 169



BM10 170



BM11 170



BM2 171







BM5 171



BM9 171

ALPHANUMERIC INDEX

A

| | |
|--|--------|
| ALCOR HID | 86 |
| ALF1 | 163 |
| ALF2 | 164 |
| ALF3 | 165 |
| ALYA LAS | 24 |
| AP1 HID | 72 |
| AP2  | 139 |
| AP4  | 140 |
| AP5  | 141 |
| AP10  | 142 |
| ARCO | 160 |
| ARCO M | 161 |
| ATIK HID | 79 |
| ATIK Istanium® | LED 46 |
| ATIK Istanium® | LED 25 |

B

| | |
|---|--------|
| BAM | 162 |
| BANDEROLA (BM1) | 169 |
| BC1 | 161 |
| BD2 | 124 |
| BD3 | 123 |
| BD4 | 123 |
| BD7 | 122 |
| BD9 | 122 |
| BERLIN | 92 |
| BERLIN M Istanium® | LED 29 |
| BERLIN Istanium® | LED 48 |
| BEU | 162 |
| BL7  | 121 |
| BM2 | 171 |
| BM5 | 171 |
| BM9 | 171 |
| BM10 | 170 |
| BM11 | 170 |
| BM13 | 169 |
| BORA HID | 90 |
| BORA Istanium® | LED 28 |
| BOX M | 112 |
| BR HID | 87 |



C

| | |
|--------------|-----|
| CAM | 159 |
| CEDRUS SOLAR | 150 |
| CEU | 158 |
| CIL | 160 |
| CLA 16 | 156 |
| CLB 16 | 156 |
| CLO | 157 |
| CLO M | 157 |
| CL1 | 158 |
| CR1 | 167 |
| CR2 | 167 |
| CR3 | 168 |
| CROSSPIECES | 166 |
| CU | 159 |



D

| | |
|-----------------|--------|
| DEMON HID | 102 |
| DEMON Istanium® | LED 35 |

E

| | |
|---|--------|
| EGON IN  | 130 |
| EGON PR HID  | 111 |
| ENIF HID | 69 |
| ES1 LED | 43 |
| ETNA HID | 98 |
| ETNA Istanium® | LED 33 |

F

| | |
|---|--------|
| FC2 | 120 |
| FC6 | 96 |
| FC6 Istanium® | LED 50 |
| FL+  | 127 |
| FL7  | 129 |
| FO2  | 138 |
| FOGO HID | 106 |
| FOGO Istanium® | LED 38 |


G

| | |
|---|----|
| GO1  | 97 |
|---|----|

H

| | |
|-----------------|--------|
| HEKA HID | 73 |
| HYDRA HID | 83 |
| HYDRA Istanium® | LED 47 |
| HYDRA Istanium® | LED 27 |

I

| | |
|---|--------|
| IN5H | 143 |
| IN5V | 131 |
| IN6  | 144 |
| IN8  | 144 |
| IN10 | 134 |
| IN20 | 133 |
| IN40 | 132 |
| IRIS | LED 40 |

J

| | |
|---|--------|
| JR1 | LED 43 |
| JR1 | 118 |
| JR2  | 119 |
| JR3 | 120 |
| JR9  | 145 |
| JR11 | 145 |

K

| | |
|----------------|--------|
| KUMA HID | 67 |
| KUMA Istanium® | LED 19 |
| KUMA RD HID | 66 |



L

| | |
|----------------|--------|
| LORE HID | 108 |
| LORE Istanium® | LED 39 |
| LP2 | 122 |


M

| | |
|-------------------|--------|
| MAGNOLIA SOLAR | 151 |
| MILOS HID | 104 |
| MILOS M Istanium® | LED 36 |
| MILOS S Istanium® | LED 37 |
| MIZAR HID | 71 |
| MIZAR Istanium® | LED 21 |

N

| | | |
|--|-----|-----|
| NATH M Istanium® | LED | 16 |
| NATH S Istanium® | LED | 18 |
| NAVI HID | | 89 |
| NYOS  | | 116 |
| NYOS  | | 144 |
| NYX LED | | 42 |




P

| | | |
|--|---|-----|
| PR2  | | 142 |
| PR4 | | 113 |
| PR10  | | 143 |
| PR12  | | 113 |
| PR13  | | 143 |
| PR15  | | 116 |
| PR17 | | 113 |
| PR30 | HID | 109 |
| PR31 | HID | 110 |
| PR22 | | 115 |
| PR40  | | 115 |
| PRAGA | HID | 94 |
| PRAGA M PRO Istanium® | LED | 30 |
| PRAGA M BASIC Istanium® | LED  | 31 |
| PRAGA S FC6 Istanium® | LED  | 32 |

S

| | | |
|--------------|-----|-----|
| SPICA HID | | 77 |
| STROMBOLI LD | | 116 |
| STROMBOLI MC | | 117 |
| STROMBOLI MD | | 117 |
| STROMBOLI MF | | 117 |
| SU2 | | 124 |
| SU3 | | 125 |
| SU4 | | 126 |
| SU7 | | 126 |
| SYRMA | HID | 54 |

T

| | | |
|--|---|-----|
| TAOS HID  | | 101 |
| TRAFIC DEMON Istanium® | LED  | 152 |
| TRAFIC MILOS Istanium® | LED  | 154 |

V

| | | |
|-----------------|---|-----|
| VEGA HID | | 61 |
| VIENA HID | | 146 |
| VIENA Istanium® | LED  | 146 |

Z

| | | |
|--------|-----|----|
| ZANIAH | HID | 58 |
|--------|-----|----|



LED LUMINAIRES

| | | |
|----------------------------|-----|----|
| ROAD | | |
| | | 16 |
| | | 17 |
| NATH S Istanium® | LED | 18 |
| DECORATIVE | | |
| KUMA Istanium® | LED | 19 |
| MIZAR Istanium® | LED | 21 |
| ALYA LHS Istanium® | LED | 22 |
| ALYA LCS Istanium® | LED | 23 |
| ALYA LAS Istanium® | LED | 24 |
| ATIK Istanium® | LED | 25 |
| HYDRA Istanium® | LED | 27 |
| CLASSIC | | |
| BORA Istanium® | LED | 28 |
| BERLIN M Istanium® | LED | 29 |
| PRAGA M PRO Istanium®LED | | 30 |
| PRAGA M BASIC Istanium®LED | LED | 31 |
| PRAGA FC6 Istanium® | LED | 32 |
| SPOTLIGHTS | | |
| ETNA Istanium® | LED | 33 |
| DEMON Istanium® | LED | 35 |
| MILOS M Istanium® | LED | 36 |
| MILOS S Istanium® | LED | 37 |
| FOGO Istanium® | LED | 38 |
| LORE Istanium® | LED | 39 |
| ARCHITECTURAL | | |
| IRIS LED | | 40 |
| RECESSED FLOOR | | |
| NYX LED | | 42 |
| ES1 LED | | 43 |
| BEACONS | | |
| JR1 LED | | 43 |

- High turnover
- N New
- E While stocks last

NATH L Istanium® LED

Functional LED street luminaire ideal for intensive introduction of LED technology

Simon NATH LED luminaire, model L, lateral and post-top Ø60 mm fixing, adjustable to -5°, 0°, +5° and +10° for negative compensation in curved poles and wall arms, flat cover, with cooling fins, not visible when installed, flat, transparent, tempered glass diffuser and electronic control gear. Class I, IP66 for optical group Istanium® LED 2 and IK10. No pre-wiring, 230 V ac/50 Hz power supply. Multi-array optics, with type RJ frontal road light optics with maximum range at 68.8° and maximum scatter at 54°. LOR performance of 93% to 82%. Anti-glare, truncated pyramid-shaped reflector, matt with light-flow recovery. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish in Simon GY9007 colour. Single body luminaire with two independent compartments for thermal separation, for the optical group and for gear, with self-levelling device. Maximum dimensions 876x365x125 mm. Access to gear and maintenance through the top with tool-free lever opening with two safety screws.



| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|--------------|------------------------------------|----------------|----------------------|---|
| 269 W | (29,500 lumens at 4000 K) 128 LEDs | 700 mA | 104-000195016 | NATLXFGTFORJ_NDL269W700IA23_1N__C1GY9007 |
| 204 W | (24,300 lumens at 4000 K) 128 LEDs | 530 mA | 104-000194016 | NATLXFGTFORJ_NDL204W530IA23_1N__C1GY9007 |
| 192 W | (19,400 lumens at 4000 K) 64 LEDs | 1050 mA | 104-000445016 | NATLXFGTFORJ_NDL192 W_1KIA23_1N__C1GY9007 |
| 134 W | (15,100 lumens at 4000 K) 64 LEDs | 700 mA | 104-000192016 | NATLXFGTFORJ_NDL134W700IA23_1N__C1GY9007 |
| 102 W | (12,300 lumens at 4000 K) 64 LEDs | 530 mA | 104-000225016 | NATLXFGTFORJ_NDL102W530IA23_1N__C1GY9007 |
| 67 W | (8700 lumens at 4000 K) 64 LEDs | 350 mA | 104-000227016 | NATLXFGTFORJ_NDL_67W350IA23_1N__C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of RJ_ optics to RE_ (Road Extended)

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

| | | |
|------|---|--|
| 2N+ | Dimming with control line | |
| 2N- | Dimming without control line (self-dimming) | |
| CAD | Cabinet amplitude dimming (dimming at electrical panel) | |
| 1-10 | Dimming via 1-10 input protocol | |
| DALI | Dimming via DALI input protocol | |

Luminaires powered by mains power 230 V ac 23_

+
+
+
+
+

PRICE INCREASE FOR CHANGE OF:

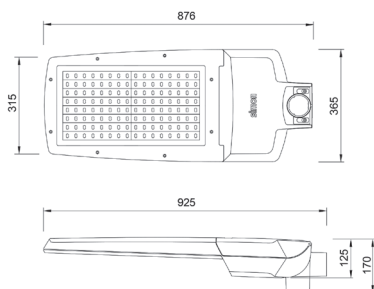
Change to 23S (Additional protection against 10 kV overvoltages)

Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)


Change of colour from GY9007 to other Simon Lighting colours
Colour change from GY9007 to other RAL Classic Chart colours

* Rated power of the LED optical group
Confirm configuration restrictions in the general catalogue

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|-----------------|------------------------------|
|  | 50-88540 | Ø76 Bracket fixing accessory |

NATH M

Istanium® LED

Functional LED street luminaire ideal for intensive introduction of LED technology

Simon NATH LED luminaire, model M, lateral and post-top Ø 60 mm fixing, flat cover, flat, transparent, tempered glass diffuser. With no pre-wiring, high performance electronic control gear, 230 V ac/50 Hz power supply, Type J frontal road optics with maximum range at 68.8° and minimum scatter at 54°, neutral colour temperature and no dimming. Luminaire Class I, IP66 and IK10. Built in self-levelling device. Standard finish body in Simon GY9007 colour. Power and supply current according to configuration table.



MXF

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|--------------|----------------------------------|----------------|----------------------|---|
| 116 W | (13,500 lumens at 4000K) 72 LEDs | 530 mA | 101-000367016 | NATMXFGTFORJ_NDL116W530IA23_1N_C1GY9007 |
| 96 W | (11,400 lumens at 4000K) 60 LEDs | 530 mA | 101-000369016 | NATMXFGTFORJ_NDL96W530IA23_1N_C1GY9007 |
| 81 W | (8400 lumens at 4000K) 36 LEDs | 700 mA | 101-000371016 | NATMXFGTFORJ_NDL81W700IA23_1N_C1GY9007 |
| 58 W | (6900 lumens at 4000K) 36 LEDs | 530 mA | 101-000375016 | NATMXFGTFORJ_NDL58W530IA23_1N_C1GY9007 |
| 54 W | (5700 lumens at 4000K) 24 LEDs | 700 mA | 101-000186016 | NATMXFGTFORJ_NDL54W700IA23_1N_C1GY9007 |
| 39 W | (4600 lumens at 4000K) 24 LEDs | 530 mA | 101-000219016 | NATMXFGTFORJ_NDL39W530IA23_1N_C1GY9007 |
| 27 W | (3000 lumens at 4000K) 12 LEDs | 700 mA | 101-000378016 | NATMXFGTFORJ_NDL27W700IA23_1N_C1GY9007 |
| 13 W | (1600 lumens at 4000K) 12 LEDs | 350 mA | 101-000380016 | NATMXFGTFORJ_NDL13W350IA23_1N_C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to SRJ (Type J Symmetrical Road Frontal)
- Change of RJ_ optics to RW E (Road Wide). Equivalent optics RJ_
- Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol
- MOV Pedestrian movement detection

Luminaires powered by mains power 230 V ac 23_

Solar powered luminaires Vdc 12_ C3

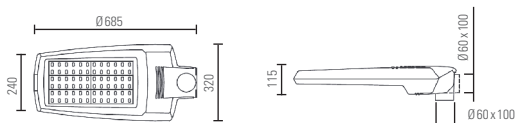
| | |
|------|---|
| 2N+ | - |
| 2N- | + |
| CAD | - |
| 1-10 | - |
| DALI | - |
| MOV | - |

PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)
- Change of colour from GY9007 to other Simon Lighting colours
- Colour change from GY9007 to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|-------------------------------|
| 5-531784 | Ø 48 Bracket fixing accessory |

- High turnover
- N New
- E While stocks last

NATH S Istanium® LED

Functional LED street luminaire ideal for intensive introduction of LED technology

Simon NATH LED luminaire, model S, lateral and post-top Ø 60 mm fixing, adjustable -5° - +10°, flat cover, with cooling fins, not visible when installed, flat, transparent, tempered glass diffuser and electronic control gear. Class I, IP66 for optical group Istanium® LED 2 and IK10. No pre-wiring, 230 V ac/50 Hz power supply. Multi-array optics, with type RJ frontal road light optics with maximum range at 68.8° and maximum scatter at 54°. LOR performance of 93% to 82%. Anti-glare, truncated pyramid-shaped reflector, matt with light-flow recovery. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish in Simon GY9007 colour. Single body luminaire with two independent compartments for thermal separation, for the optical group and for gear, with self-levelling device. Maximum dimensions 570x260x115 mm. Access to gear and maintenance through the top with tool-free lever opening,



SFX

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------|---------------------------------|----------------|---------------|--|
| 84 W | (8900 lumens at 4000 K) 40 LEDs | 700 mA | 103-000189016 | NATSXFGTFORJ_NDL_84W700IA23_1N__C1GY9007 |
| 79 W | (7600 lumens at 4000 K) 24 LEDs | 1050 mA | 103-000441016 | NATSXFGTFORJ_NDL_79W_1KIA23_1N__C1GY9007 |
| 64 W | (7600 lumens at 4000 K) 40 LEDs | 530 mA | 103-000218016 | NATSXFGTFORJ_NDL_64W530IA23_1N__C1GY9007 |
| 54 W | (5800 lumens at 4000 K) 24 LEDs | 700 mA | 103-000186016 | NATSXFGTFORJ_NDL_54W700IA23_1N__C1GY9007 |
| 48 W | (5300 lumens at 4000 K) 16 LEDs | 1050 mA | 103-000439016 | NATSXFGTFORJ_NDL_48W_1KIA23_1N__C1GY9007 |
| 39 W | (4700 lumens at 4000 K) 24 LEDs | 530 mA | 103-000219016 | NATSXFGTFORJ_NDL_39W530IA23_1N__C1GY9007 |
| 34 W | (3900 lumens at 4000 K) 16 LEDs | 700 mA | 103-000183016 | NATSXFGTFORJ_NDL_34W700IA23_1N__C1GY9007 |
| 24 W | (3200 lumens at 4000 K) 16 LEDs | 530 mA | 103-000220016 | NATSXFGTFORJ_NDL_24W530IA23_1N__C1GY9007 |
| 17 W | (2200 lumens at 4000 K) 16 LEDs | 350 mA | 103-000222016 | NATSXFGTFORJ_NDL_17W350IA23_1N__C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of RJ_optics to RE_ (Road Extended)

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)

Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)

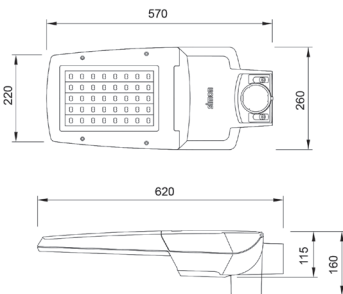
Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Change of colour from GY9007 to other Simon Lighting colours

Colour change from GY9007 to other RAL Classic Chart colours

* Rated power of the LED optical group
Confirm configuration restrictions in the general catalogue

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|------|------------|-------------------------------|
| | 50-88540 | Ø 76 Bracket fixing accessory |
| | 50-73277 | Ø 48 Bracket fixing accessory |
| | 5-531785 | Ø 42 Bracket fixing accessory |
| | 5-531818 | Ø 34 Bracket fixing accessory |

MODEL SS

Complete Simon KUMA lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. Class I, IP66 for optical group and IK10. No pre-wiring, supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with type RJ frontal street optics with maximum range at 68.8° and maximum scatter at 54°, neutral daylight. Optical group protected by flat tempered glass for easy cleaning. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for SS stainless steel shaft, trim in SIMON DGCLAS colour. Maximum dimensions of 219x4000x219 with trapdoor opening with triangular key.

| POWER | LIGHT FLUX | ORDER CODE | SUPPLY CURRENT | OFFER CODE |
|-------------|---------------------------------|----------------------|----------------|--|
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 202-000186009 | 700 mA | KUMSPFATCORJ_NDL_54W700IA23_1N__C1SS____ |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 202-000219009 | 530 mA | KUMSPFATCORJ_NDL_39W530IA23_1N__C1SS____ |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 202-000378009 | 700 mA | KUMSPFATCORJ_NDL_27W700IA23_1N__C1SS____ |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 202-000380009 | 350 mA | KUMSPFATCORJ_NDL_13W350IA23_1N__C1SS____ |

MODELO AS

Complete Simon KUMA lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. Class I, IP66 for complete luminaire and IK10. No pre-wiring, supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with type RJ frontal street optics with maximum range at 68.8° and maximum scatter at 54°, neutral daylight. Optical group protected by flat tempered glass for easy cleaning. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for AS extruded aluminium shaft, trim in SIMON GY9006 colour. Maximum dimensions of 219x4000x219 with trapdoor opening with triangular key.

| POWER | LIGHT FLUX | ORDER CODE | SUPPLY CURRENT | OFFER CODE |
|-------------|---------------------------------|----------------------|----------------|--|
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 202-000186004 | 700 mA | KUMSPFATCORJ_NDL_54W700IA23_1N__C1AS____ |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 202-000219004 | 530 mA | KUMSPFATCORJ_NDL_39W530IA23_1N__C1AS____ |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 202-000378004 | 700 mA | KUMSPFATCORJ_NDL_27W700IA23_1N__C1AS____ |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 202-000380004 | 350 mA | KUMSPFATCORJ_NDL_13W350IA23_1N__C1AS____ |

MODELO DGCLAS

Complete Simon KUMA lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. Class I, IP66 for complete luminaire and IK10. No pre-wiring, supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with type RJ frontal street optics with maximum range at 68.8° and maximum scatter at 54°, neutral daylight. Optical group protected by flat tempered glass for easy cleaning. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish galvanised shaft painted in Simon DGCLAS colour, decorative rings in GY9006 colour. Maximum dimensions of 219x4000x219 with trapdoor opening with triangular key.

| POWER | LIGHT FLUX | ORDER CODE | SUPPLY CURRENT | OFFER CODE |
|-------------|---------------------------------|----------------------|----------------|--|
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 202-000186029 | 700 mA | KUMSPFATCORJ_NDL_54W700IA23_1N__C1DGCLAS____ |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 202-000219029 | 530 mA | KUMSPFATCORJ_NDL_39W530IA23_1N__C1DGCLAS____ |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 202-000378029 | 700 mA | KUMSPFATCORJ_NDL_27W700IA23_1N__C1DGCLAS____ |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 202-000380029 | 350 mA | KUMSPFATCORJ_NDL_13W350IA23_1N__C1DGCLAS____ |

- High turnover
- N New
- E While stocks last

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of ATC diffuser to ATH

Change of RJ_ optics to RE_ (Road Extended)

Change of RJ_ optics to SA_ N (A-Type Symmetrical)

Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_

CHANGE OF DIMMING

| CHANGE OF DIMMING | | Luminaires powered by mains power 230 V ac 23_ |
|-------------------|---|--|
| 2N+ | Dimming with control line | + |
| 2N- | Dimming without control line (self-dimming) | + |
| CAD | Cabinet amplitude dimming (dimming at electrical panel) | + |
| 1-10 | Dimming via 1-10 input protocol | + |
| DALI | Dimming via DALI input protocol | + |

PRICE INCREASE FOR CHANGE OF:


Change to 23S (Additional protection against 10 kV overvoltages)

Change to 23_C2 (mains powered 230 V ac 50/60 Hz, Class 2 protection of the luminaire)

Colour change from DGCLAS to other Simon Lighting colours

Colour change from DGCLAS to other RAL Classic Chart colours

ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|------------|---|
|  | 50-88802 | Decorative ring for base of Stainless Steel post |
| | 50-88803 | Decorative ring for base of Extruded Aluminium post |
| | 50-88801 | Decorative ring for base of galvanised post painted DGCLAS |
| | 50-88058 | Spare high resistance transparent cylindrical PMMA diffuser (ATB) |

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|-------------------------|
| 50-70912 | Door painted in DGCLAS |
| 50-70913 | Stainless steel door |
| 50-70914 | Extruded aluminium door |

MIZAR Istanium® LED

Minimalist design decorative LED luminaire with cylindrical shapes

Simon MIZAR luminaire, model M, minimalist design, pure cylindrical forms, cylinder tangent lateral fixing, bevelled flat cover, flat, transparent, tempered glass diffuser. Class I, IP66 for complete luminaire and IK09. No pre-wiring, supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with type RJ frontal street optics with maximum range at 68.8° and maximum scatter at 54°, neutral daylight. Optical group comprising high-efficiency LEDs. LOR performance of 93% to 82%. Upward Light Output Ratio (ULOR) of less than 1% mounted at 0°, valid for E1 zones, certified by the Canary Islands Astrophysical Institute (IAC) Sky Quality Office. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon GYTECH colour with decorative ring in BKTECH. Maximum dimensions of 500x165x500 with opening using M8 stainless steel Allen screws.



MAF

HIGH FLUX (700 mA)

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|--------------|-----------------------------------|----------------|----------------------|--|
| 116 W | (13,500 lumens at 4000 K) 72 LEDs | 530 mA | 207-000367012 | MIZMAFGTF0RJ_NDL116W530IA23_1N__C1GYTECH |
| 96 W | (11,400 lumens at 4000 K) 60 LEDs | 530 mA | 207-000369012 | MIZMAFGTF0RJ_NDL_96W530IA23_1N__C1GYTECH |
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 207-000371012 | MIZMAFGTF0RF_NDL_81W700IA23_1N__C1GYTECH |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 207-000375012 | MIZMAFGTF0RJ_NDL_58W530IA23_1N__C1GYTECH |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 207-000186012 | MIZMAFGTF0RJ_NDL_54W700IA23_1N__C1GYTECH |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 207-000219012 | MIZMAFGTF0RJ_NDL_39W530IA23_1N__C1GYTECH |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 207-000378012 | MIZMAFGTF0RJ_NDL_27W700IA23_1N__C1GYTECH |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 207-000380012 | MIZMAFGTF0RJ_NDL_13W350IA23_1N__C1GYTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of RJ_ optics to RF_ (Road Frontal)
 Change of RJ_ optics to RE_ (Road Extended)
 Change of RJ_ optics to SA_ (A-Type Symmetrical)
 Change of RJ_ optics to RW_ (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

2N+ Dimming with control line
 2N- Dimming without control line (self-dimming)
 CAD Cabinet amplitude dimming (dimming at electrical panel)
 1-10 Dimming via 1-10 input protocol
 DALI Dimming via DALI input protocol

Luminaires powered by mains power 230 V ac 23_

Solar powered luminaires V dc 12_ C3

| | | |
|------|---|---|
| 2N+ | + | - |
| 2N- | + | + |
| CAD | + | - |
| 1-10 | + | - |
| DALI | + | - |

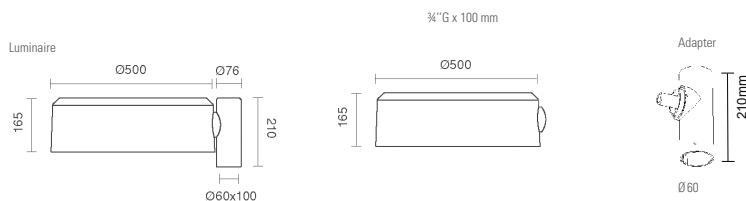
PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)
 Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
 Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Colour change from GYTECH to other Simon Lighting colours
 Colour change from GYTECH to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



ACCESSORIES DI

| TYPE | ORDER CODE | DESCRIPTION |
|------|-----------------|--|
| | 50-88500 | Adapter for pole post top. Galvanised finish |
| | 5-533178 | Wall arm with GYTECH finish |

- High turnover
- N New
- E While stocks last

ALYA LHS Istanium® LED

Minimalist design decorative LED luminaire with hemispherical shapes

Simon ALYA luminaire, model L, **suspended ¾" G fixing, spherical cover**, flat, transparent, tempered glass diffuser. Class I, **IP66** for complete luminaire and **IK09**. No pre-wiring, supply voltage 230 V ac/50 Hz

Istanium® LED multi-array optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group protected by flat tempered glass for easy cleaning. Upward Light Output Ratio (ULOR) of less than 1%, valid for E1 zones, **certified** by the **Instituto Astrofísico de Canarias (IAC) Sky Quality Office**. LOR performance of 93% to 82%. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon GYDECO colour with decorative ring in BKTECH. Maximum dimensions of 500 x 225 x 500 with opening using M8 stainless steel Allen screws.



LHS

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|--------------|-----------------------------------|----------------|----------------------|--|
| 116 W | (13,500 lumens at 4000 K) 72 LEDs | 530 mA | 208-000367013 | ALYLHSGTFORJ_NDL116W530IA23_1N__C1GYDECO |
| 96 W | (11,400 lumens at 4000 K) 60 LEDs | 530 mA | 208-000369013 | ALYLHSGTFORF_NDL_96W530IA23_1N__C1GYDECO |
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 208-000371013 | ALYLHSGTFORJ_NDL_81W700IA23_1N__C1GYDECO |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 208-000375013 | ALYLHSGTFORJ_NDL_58W530IA23_1N__C1GYDECO |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 208-000186013 | ALYLHSGTFORJ_NDL_54W700IA23_1N__C1GYDECO |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 208-000219013 | ALYLHSGTFORJ_NDL_39W530IA23_1N__C1GYDECO |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 208-000378013 | ALYLHSGTFORJ_NDL_27W700IA23_1N__C1GYDECO |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 208-000380013 | ALYLHSGTFORJ_NDL_13W350IA23_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL

PRICE INCREASE FOR CHANGE OF:

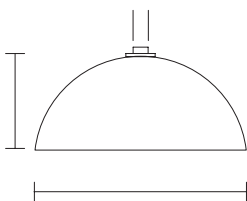
- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to SA_ N (A-Type Symmetrical)
- Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_
- Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)
- Colour change from GYDECO to other Simon Lighting colours
- Colour change from GYDECO to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue



ALYA LCS Istanium® LED

Minimalist design decorative LED luminaire with hemispherical shapes

Simon ALYA luminaire, model L, **catenary fixing, spherical cover**, flat, transparent, tempered glass diffuser. Class I, **IP66** for complete luminaire and **IK09**. No pre-wiring, supply voltage 230 V ac/50 Hz

Istanium® LED multi-array optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group protected by flat tempered glass for easy cleaning. Upward Light Output Ratio (ULOR) below 1%, valid for E1 zones, **certified by the Instituto Astrofísico de Canarias (IAC) Sky Quality Office**. LOR performance of 93% to 82%. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon GYDECO colour with decorative ring in BKTECH. Maximum dimensions of 500x225x500 with opening using M8 stainless steel Allen screws.



LCS

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|--------------|-----------------------------------|----------------|----------------------|--|
| 116 W | (13,500 lumens at 4000 K) 72 LEDs | 530 mA | 210-000367013 | ALYLCSGTF0RJ_NDL116W530IA23_1N__C1GYDECO |
| 96 W | (11,400 lumens at 4000 K) 60 LEDs | 530 mA | 210-000369013 | ALYLCSGTF0RJ_NDL_96W530IA23_1N__C1GYDECO |
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 210-000371013 | ALYLCSGTF0RJ_NDL_81W700IA23_1N__C1GYDECO |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 210-000375013 | ALYLCSGTF0RJ_NDL_58W530IA23_1N__C1GYDECO |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 210-000186013 | ALYLCSGTF0RJ_NDL_54W700IA23_1N__C1GYDECO |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 210-000219013 | ALYLCSGTF0RJ_NDL_39W530IA23_1N__C1GYDECO |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 210-000378013 | ALYLCSGTF0RJ_NDL_27W700IA23_1N__C1GYDECO |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 210-000380013 | ALYLCSGTF0RJ_NDL_13W350IA23_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to SA_ Ⓜ (A-Type Symmetrical)
- Change of RJ_ optics to RW_ ♻️ (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

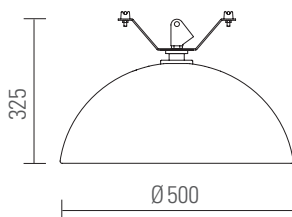
| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Colour change from GYDECO to other Simon Lighting colours
 Colour change from GYDECO to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue



ALYA LAS

Istanium® LED

Minimalist design decorative LED luminaire with hemispherical shapes

Simon ALYA luminaire, model L, lateral Ø60 mm fixing, spherical cover, flat, transparent, tempered glass diffuser. Class I, IP66 for complete luminaire and IK09. No pre-wiring, supply voltage 230 V ac/50 Hz

Istanium® LED multi-array optical group, with type RJ frontal street optics with maximum range at 68.8° and maximum scatter at 54°, neutral daylight. Optical group protected by flat tempered glass for easy cleaning. Upward Light Output Ratio (ULOR) below 1%, valid for E1 zones, certified by the Instituto Astrofísico de Canarias (IAC) Sky Quality Office. LOR performance of 93% to 82%. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon GYDECO colour with decorative ring in BKTECH. Maximum dimensions of 500x225x500 with opening using M8 stainless steel Allen screws.



LAS

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------|-----------------------------------|----------------|---------------|---|
| 116 W | (13,500 lumens at 4000 K) 72 LEDs | 530 mA | 209-000367013 | ALYLASGTFORJ_NDL116W530IA23_1N_C1GYDECO |
| 96 W | (11,400 lumens at 4000 K) 60 LEDs | 530 mA | 209-000369013 | ALYLASGTFORJ_NDL_96W530IA23_1N_C1GYDECO |
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 209-000371013 | ALYLASGTFORJ_NDL_81W700IA23_1N_C1GYDECO |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 209-000375013 | ALYLASGTFORJ_NDL_58W530IA23_1N_C1GYDECO |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 209-000186013 | ALYLASGTFORJ_NDL_54W700IA23_1N_C1GYDECO |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 209-000219013 | ALYLASGTFORJ_NDL_39W530IA23_1N_C1GYDECO |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 209-000378013 | ALYLASGTFORJ_NDL_27W700IA23_1N_C1GYDECO |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 209-000380013 | ALYLASGTFORJ_NDL_13W350IA23_1N_C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to SA_ N (A-Type Symmetrical)
- Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_
- Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

- | | | | |
|------|---|---|---|
| 2N+ | Dimming with control line | + | - |
| 2N- | Dimming without control line (self-dimming) | + | + |
| CAD | Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 | Dimming via 1-10 input protocol | + | - |
| DALI | Dimming via DALI input protocol | + | - |

Luminaires powered by mains power 230 V ac 23_

Solar powered luminaires V dc 12_ C3

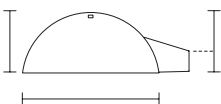
PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)
- Colour change from GYDECO to other Simon Lighting colours
- Colour change from GYDECO to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

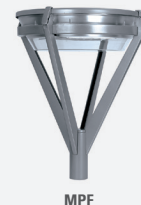
ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|------------|--------------------------------------|
| 50-88540 | Ø76 Lateral bracket fixing accessory |
| 5-531784 | Ø48 Lateral bracket fixing accessory |
| 5-531785 | Ø42 Lateral bracket fixing accessory |
| 5-531818 | Ø34 Lateral bracket fixing accessory |



Simon ATIK luminaire, post-top Ø 60 mm fixing, flat cover, flat transparent diffuser. Class I, **IP65** for complete luminaire and **IK09**. With 5 m of pre-wiring, supply voltage 230 V ac / 50 Hz

Istanium® LED multi-array optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group protected by an easy-clean flat diffuser. **LOR** performance of **93% to 82%**. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon GYDECO colour. Maximum dimensions of 607x682x607 and **tool-free opening using 2 or 4 levers**.

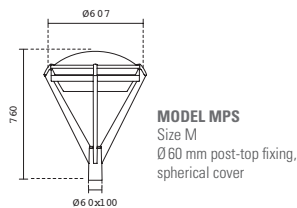


MPF

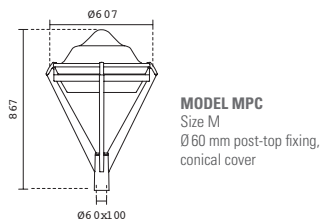
| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|-----------------------------------|----------------|----------------------|--|
| 96 W | (11,400 lumens at 4000 K) 60 LEDs | 530 mA | 211-000369013 | ATKMPFATF5RJ_NDL_96W530IA23_1N__C1GYDECO |
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 211-000371013 | ATKMPFATF5RJ_NDL_81W700IA23_1N__C1GYDECO |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 211-000375013 | ATKMPFATF5RJ_NDL_54W700IA23_1N__C1GYDECO |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 211-000186013 | ATKMPFATF5RJ_NDL_54W700IA23_1N__C1GYDECO |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 211-000219013 | ATKMPFATF5RJ_NDL_39W530IA23_1N__C1GYDECO |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 211-000379013 | ATKMPFATF5RJ_NDL_20W530IA23_1N__C1GYDECO |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 211-000380013 | ATKMPFATF5RJ_NDL_13W350IA23_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

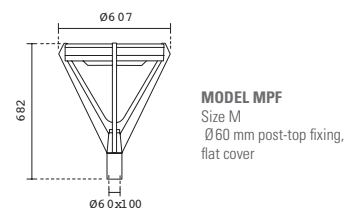
CHANGE OF MODEL



+



+



+

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from ATF to ATB (Transparent Conical High Resistance PMMA)
 Change of diffuser from ATF to POB (Conical Opal Polymer)

Change of RJ_optics to RF_ (Road Frontal)
 Change of RJ_optics to RE_ (Road Extended)
 Change of RJ_optics to SA_ (A-Type Symmetrical)
 Change of RJ_optics to RW_ (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)
 Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
 Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Colour change from GYDECO to GY9007
 Colour change from GYDECO to other Simon Lighting colours
 Colour change from GYDECO to other RAL Classic Chart colours





*Confirm configuration restrictions in the general catalogue

ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---------------------------------------|
| 50-33507 | Ø60 wall mounting accessory in BK9005 |

- High turnover
- N New
- E While stocks last

SPARE PARTS DIRECT FROM THE FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|-----------------|---|
|  | 50-70899 | Conical Opal Polymer (POB) diffuser. Including gasket |
|  | 50-70898 | Conical transparent high resistance PMMA diffuser (ATB). Including gasket |
|  | 50-73297 | Flat transparent high resistance PMMA diffuser. (ATF). Including gasket |
|  | 50-73125 | Gasket for diffuser |

HYDRA Istanium® LED

Decorative LED luminaire with conical shapes

Simon HYDRA LED luminaire, model M, post-top Ø 60 mm fixing, Ø 322 mm flat cover, option with Ø 700 mm beret cover, curved, transparent, high impact resistance PMMA diffuser. Class 1, **IP66** for complete luminaire and **IK09**. No pre-wiring, supply voltage 230 V ac/50 Hz **Istanium® LED multi-array** optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. **LOR** performance of **93% to 82%**. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon GYDECO colour and aluminium top guard. **Single body luminaire with two independent compartments for thermal separation**, for the optical group and for gear. Maximum dimensions of 593x322 mm with **tool-free 2-lever opening**.

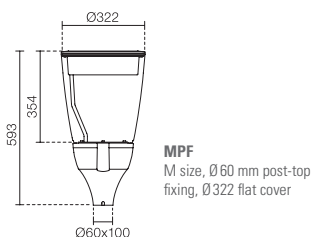


MPF

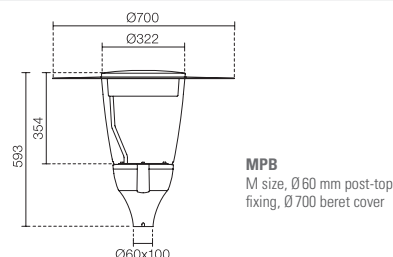
TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|---------------------------------|----------------|---|--|
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 220-000375013 | HYDMPFATBORJ_NDL_58W530IA23_1N__C1GYDECO |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | ● 220-000219013 | HYDMPFATBORJ_NDL_39W530IA23_1N__C1GYDECO |
| 20 W | (2400 lumens at 4000 K) 12 LEDs | 530 mA | 220-000379013 | HYDMPFATBORJ_NDL_20W530IA23_1N__C1GYDECO |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 220-000380013 | HYDMPFATBORJ_NDL_13W350IA23_1N__C1GYDECO |

CHANGE OF MODEL



MPF
M size, Ø 60 mm post-top fixing, Ø 322 flat cover



MPB
M size, Ø 60 mm post-top fixing, Ø 700 beret cover

PRICE INCREASE FOR CHANGE OF:

Luminaire wired with 5 m of cable

Change of RJ_ optics to RF_ (Road Frontal)

Change of RJ_ optics to RE_ (Road Extended)

Change of RJ_ optics to SA_ N (A-Type Symmetrical)

Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_

Change of RJ_ optics to TRF_ N (Traffic Optics).

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

2N+ Dimming with control line

2N- Dimming without control line (self-dimming)

CAD Cabinet amplitude dimming (dimming at electrical panel)

1-10 Dimming via 1-10 input protocol

DALI Dimming via DALI input protocol

Luminaires powered by mains power 230 V ac 23_

Solar powered luminaires V dc 12_ C3

| | | |
|------|---|---|
| 2N+ | + | - |
| 2N- | + | + |
| CAD | + | - |
| 1-10 | + | - |
| DALI | + | - |

PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)

Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)

Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Colour change from GYDECO to other Simon Lighting colours

Colour change from GYDECO to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---|
| 50-73149 | Hydra adapter for Ø 50 pole. Galvanised finish |
| 50-73364 | Watertight plug to prevent condensation inside the diffuser |
| 50-33507 | Ø 60 wall mounting accessory in BK9005 |

*To see spare diffusers see page 41, Retrofit HYDRA Istanium® LED.

- High turnover
- N New
- E While stocks last

BORA Istanium® LED

Classic LED luminaire Nautical aesthetics

Simon **BORA** luminaire, model M, suspended fixing, conical cover, curved, transparent, high impact resistance PMMA diffuser. Class I, **IP66** for the optical group, **IP65** for complete luminaire and **IK08**. No pre-wiring, supply voltage 230 V ac/50 Hz **Istanium® LED multi-array** optical group, with type RJ frontal street optics with **maximum range at 68.8°** and **maximum scatter at 54°**, neutral daylight. Optical group protected by a diffuser for easy cleaning, comprising high-efficiency LEDs. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Aluminium body standard finish painted in Simon DGCLAS colour. Overall dimensions of 664x623x664 mm opened by captive stainless steel screws.



MHC

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|---------------------------------|----------------|----------------------|---|
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 301-000371029 | BORMHCATBORJ_NDL_81W700IA23_1N_C1DGCLAS |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 301-000375029 | BORMHCATBORJ_NDL_58W530IA23_1N_C1DGCLAS |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 301-000186029 | BORMHCATBORJ_NDL_54W700IA23_1N_C1DGCLAS |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 301-000219029 | BORMHCATBORJ_NDL_39W530IA23_1N_C1DGCLAS |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 301-000378029 | BORMHCATBORJ_NDL_27W700IA23_1N_C1DGCLAS |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 301-000380029 | BORMHCATBORJ_NDL_13W350IA23_1N_C1DGCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

| CHANGE OF MODEL | |
|--|--|
| ATB diffuser High impact resistance PMMA Transparent Curved | ATL diffuser N High impact resistance PMMA Transparent Lenticular (ULOR 0%) |
| + | + |

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to SA_ N (A-Type Symmetrical)
- Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_
- Change of colour temperature from NDL to WDL (warm daylight)

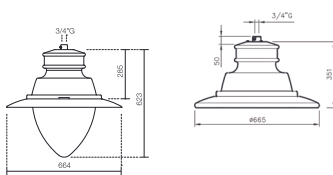
| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)
- Colour change from DGCLAS to other Simon Lighting colours
- Colour change from DGCLAS to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---|
| 50-71246 | Spare high resistance transparent cylindrical PMMA diffuser (ATB) |

BERLIN M Istanium® LED

Classic LED luminaire Cast aluminium with a highly defined crown

Simon BERLIN luminaire, model M, post-top 3/4" G fixing, conical cover with crown, flat tempered glass optical group diffuser, curved transparent PMMA luminaire diffuser. Class I, **IP65** for complete luminaire and **IK09**. No pre-wiring, supply voltage 230 V ac/50 Hz **Istanium® LED multi-array** optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon BKCLAS colour. Maximum dimensions of 460x860x480 with opening using stainless steel screws.



MPC

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|---------------------------------|----------------|----------------------|--|
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 302-000371014 | BERMPCMTB0RJ_NDL_81W700IA23_1N__C1BKCLAS |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 302-000375014 | BERMPCMTB0RJ_NDL_58W530IA23_1N__C1BKCLAS |
| 54 W | (5700 lumens at 4000 K) 40 LEDs | 700 mA | 302-000186014 | BERMPCMTB0RJ_NDL_54W700IA23_1N__C1BKCLAS |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 302-000219014 | BERMPCMTB0RJ_NDL_39W530IA23_1N__C1BKCLAS |
| 27 W | (3000 lumens at 4000 K) 16 LEDs | 700 mA | 302-000378014 | BERMPCMTB0RJ_NDL_27W700IA23_1N__C1BKCLAS |
| 13 W | (1600 lumens at 4000 K) 16 LEDs | 350 mA | 302-000380014 | BERMPCMTB0RJ_NDL_13W350IA23_1N__C1BKCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from MTB to MOB (Curved Opal PMMA)
 Change of diffuser from MTB to MEB (Curved Engraved PMMA)

Luminaire wired with 5 m of cable

Change of RJ_ optics to RF_ (Road Frontal)
 Change of RJ_ optics to RE_ (Road Extended)
 Change of RJ_ optics to SA_ (A-Type Symmetrical)
 Change of RJ_ optics to RW_ (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

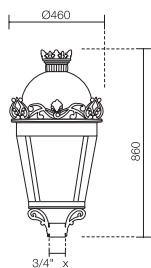
PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)
 Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
 Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Colour change from BKCLAS to BK9005
 Colour change from BKCLAS to other Simon Lighting colours
 Colour change from BKCLAS to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--|
| 50-73054 | Curved Transparent PMMA Diffuser (MTB) |
| 50-73056 | Curved Opal PMMA Diffuser (MEB) |
| 50-73055 | Curved Engraved PMMA Diffuser (MOB) |

ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--|
| 5-531580 | Fixing adapter 3/4" G to Ø60 in BK9005 |

PRAGA M PRO Istanium® LED

Classic LED luminaire Cast aluminium, giving extended operating life With variety of modules and finishes

Simon PRAGA luminaire, model M PRO, post-top 3/4" G fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, IP66 for complete luminaire and IK10. No pre-wiring, supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group protected by flat tempered glass for easy cleaning. Upward Light Output Ratio (ULOR) below 1%, valid for E1 zones, **certified by the Instituto Astrofísico de Canarias (IAC) Sky Quality Office**. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon BKCLAS colour. Maximum dimensions of 440x630x440 with opening using screws in the stainless steel lid (captive).

MPF

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------|---------------------------------|----------------|---------------|--|
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 319-000371014 | PRGMPFGTFORJ_NDL_81W700IA23_1N__C1BKCLAS |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 319-000375014 | PRGMPFGTFORJ_NDL_58W530IA23_1N__C1BKCLAS |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 319-000186014 | PRGMPFGTFORJ_NDL_54W700IA23_1N__C1BKCLAS |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 319-000219014 | PRGMPFGTFORJ_NDL_39W530IA23_1N__C1BKCLAS |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 319-000378014 | PRGMPFGTFORJ_NDL_27W700IA23_1N__C1BKCLAS |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 319-000380014 | PRGMPFGTFORJ_NDL_13W350IA23_1N__C1BKCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL

| | | | |
|---|--|---|---|
| <p>MODEL MPF Size M 3/4" G post-top fixing, flat cover</p> | <p>MODEL MPC Size M 3/4" G post-top fixing, conical cover</p> | <p>MODEL MHC Size M 3/4" G suspended fixing, conical cover</p> | <p>MODEL MCC Size M upper catenary fixing, conical cover</p> |
| + | + | + | + |

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from GTF to MTT (4-sided transparent PMMA)
 Change of diffuser from GTF to MOT (4-sided opal PMMA)

Luminaire wired with 5 m of cable

Change of RJ_ optics to RF_ (Road Frontal)
 Change of RJ_ optics to RE_ (Road Extended)
 Change of RJ_ optics to SA_ N (A-Type Symmetrical)
 Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

2N+ Dimming with control line
 2N- Dimming without control line (self-dimming)
 CAD Cabinet amplitude dimming (dimming at electrical panel)
 1-10 Dimming via 1-10 input protocol
 DALI Dimming via DALI input protocol

Luminaires powered by
mains power 230 V ac 23_

Solar powered luminaires
V dc 12_ C3

| | |
|---|---|
| + | - |
| + | + |
| + | - |
| + | - |
| + | - |

PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)
 Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
 Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Colour change from BKCLAS to BK9005
 Colour change from BKCLAS to other Simon Lighting colours
 Colour change from BKCLAS to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|---------------------|
| | Spare diffuser tray |

ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|------------|-------------|
| 5-531580 | |

PRAGA M BASIC

Istanium® LED

Classic LED luminaire Injection moulded aluminium for intensive introduction of LED technology

Simon PRAGA luminaire, basic model in die-cast aluminium. Size M, post-top 3/4" G fixing, flat cover, flat, transparent, high impact resistance PMMA diffuser. Class I, IP66 for complete luminaire and IK09. No pre-wiring, supply voltage 230 V ac/50 Hz
Istanium® LED multi-array optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group protected by a transparent diffuser for easy cleaning and minimum losses. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon BKTECH colour. Maximum dimensions of 425x600x425 with opening using screws in the stainless steel lid (captive).



MPB

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|---------------------------------|----------------|----------------------|--|
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 341-000375015 | PRGMPBITFORJ_NDL_58W530IA23_1N__C1BKTECH |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 341-000186015 | PRGMPBITFORJ_NDL_54W700IA23_1N__C1BKTECH |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 341-000219015 | PRGMPBITFORJ_NDL_39W530IA23_1N__C1BKTECH |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 341-000378015 | PRGMPBITFORJ_NDL_27W700IA23_1N__C1BKTECH |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 341-000380015 | PRGMPBITFORJ_NDL_13W350IA23_1N__C1BKTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of RJ_ optics to RE_ (Road Extended)

Change of RJ_ optics to SA_ (A-Type Symmetrical)

Change of colour temperature from ND_L to WDL (warm daylight)

CHANGE OF DIMMING

| | | |
|------|---|---|
| 2N+ | Dimming with control line | |
| 2N- | Dimming without control line (self-dimming) | + |
| CAD | Cabinet amplitude dimming (dimming at electrical panel) | + |
| 1-10 | Dimming via 1-10 input protocol | + |
| DALI | Dimming via DALI input protocol | + |

Luminaires powered by mains power 230 V ac 23_

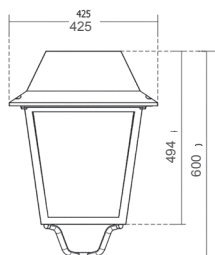
PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)

Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



MPB

ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---|
| 5-531580 | Fixing adapter 3/4" G to Ø 60 bracket in BK9005 |

PRAGA S FC6

Istanium® LED

Classic design LED luminaire, suitable for streets, avenues, pedestrian areas, parks and gardens. Smaller dimensions, ideal for narrow streets.

Simon **PRAGA S FC6** luminaire, model S, post-top Ø60 mm fixing 70 mm long, conical cover, 4-sided diffuser in HIR (high impact resistance) PMMA. Class I, with IP66 in the optical group and IK09. No pre-wiring, with supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with RJ optics, type J frontal street with maximum range at 68.8° and maximum scatter at 54°, neutral daylight. Optical group encapsulated by easy-clean IK09 flat transparent HIR (high impact resistance) PMMA diffuser. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). UV-stabilised engineering polymer body in Simon BK9005 colour. Maximum dimensions of 395 x 715 x 395 with opening using screws in the lid.



| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|---------------------------------|----------------|----------------------|--|
| 39 W | (3800 lumens at 4000 K) 24 LEDs | 530 mA | 340-000219018 | FC6SPCAPTORJ_NDL_39W530IA23_1N__C1BK9005 |
| 25 W | (2700 lumens at 4000 K) 24 LEDs | 350 mA | 340-000360018 | FC6SPCAPTORJ_NDL_25W350IA23_1N__C1BK9005 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of RJ_ optics to RE_ (Road Extended)
 Change of RJ_ optics to SA_ (A-Type Symmetrical) ⬆

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

2N+ Dimming with control line
 2N- Dimming without control line (self-dimming)
 CAD Cabinet amplitude dimming (dimming at electrical panel)
 1-10 Dimming via 1-10 input protocol
 DALI Dimming via DALI input protocol

Luminaires powered by
mains power 230 V ac 23_

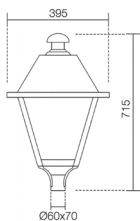
+
+
+
+
+

PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)
 Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

ACCESSORIES PRAGA S FC6

¾" G bracket fixing accessory in BK9005 finish

50-33044

+

Ø48 bracket fixing accessory in BK9005 finish

50-86819

+

BM11 polyamide wall fixing arm, Ø60, in BK9005 finish

50-33925

+

BM10 cast aluminium wall fixing arm, Ø60, in BK9005 finish

5-531468

+

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---|
| 50-86854 | Transparent prismatic diffuser |
| 50-73121 | FC6 luminaire cover in BK9005 finish 12 |

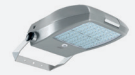
FIXING POSTS FOR PRAGA S FC6 ISTANIUM® LED

| ORDER CODE | DESCRIPTION |
|-----------------|---|
| N-486300 | CL12 3 B D178 D90 P60 M18X500STF BK9005 (1 section) |
| N-469350 | CL14 3.5 B D178 D90 D76 P60 M18X500STD2 BK9005 (2 sections) |

ETNA Istanium® LED

Multi-purpose LED spotlight luminaire with a wide range of optical and attachment models
Recommended installation from 4 - 8 m

Simon ETNA luminaire, model L, bracket fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, **IP66** for complete luminaire and **IK09**. No pre-wiring, supply voltage 230 V ac/50 Hz **Istanium® LED multi-array** optical group, with type RJ frontal street optics with **maximum range at 68.8°** and **maximum scatter at 54°**, neutral daylight. Upward Light Output Ratio (ULOR) of less than 1%, valid for E1 zones, certified by the **Instituto Astrofísico de Canarias (IAC)** Sky Quality Office. **LOR** performance of **93% to 82%**. Optional dimming, with MOV pedestrian movement detector, control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish in Simon GY9007 colour with bracket decoration in black. Maximum dimensions of 260 x 820 x 450. **Access to gear** and maintenance through the top with **sin tool-free lever opening with two safety screws**.



LXF

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|--------------|----------------------------------|----------------|----------------------|---|
| 116 W | (13,500 lumens at 4000K) 72 LEDs | 530 mA | 401-000367016 | ETNLXFGTFRJ_NDL116W530IA23_1N__C1GY9007 |
| 96 W | (11,400 lumens at 4000K) 60 LEDs | 530 mA | 401-000369016 | ETNLXFGTFRJ_NDL_96W530IA23_1N__C1GY9007 |
| 81 W | (8400 lumens at 4000K) 36 LEDs | 700 mA | 401-000371016 | ETNLXFGTFRJ_NDL_81W700IA23_1N__C1GY9007 |
| 58 W | (6900 lumens at 4000K) 36 LEDs | 530 mA | 401-000375016 | ETNLXFGTFRJ_NDL_58W530IA23_1N__C1GY9007 |
| 54 W | (5700 lumens at 4000K) 24 LEDs | 700 mA | 401-000186016 | ETNLXFGTFRJ_NDL_54W700IA23_1N__C1GY9007 |
| 39 W | (4600 lumens at 4000K) 24 LEDs | 530 mA | 401-000219016 | ETNLXFGTFRJ_NDL_39W530IA23_1N__C1GY9007 |
| 27 W | (3000 lumens at 4000K) 12 LEDs | 700 mA | 401-000378016 | ETNLXFGTFRJ_NDL_27W700IA23_1N__C1GY9007 |
| 13 W | (1600 lumens at 4000K) 12 LEDs | 350 mA | 401-000380016 | ETNLXFGTFRJ_NDL_13W350IA23_1N__C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL

| | | | |
|---|--|---|---|
| <p>LXF Size L post-top and lateral Ø60 mm fixing, flat cover</p> | <p>Change 2xFa Size L fixing using adjustable bracket, flat cover</p> | <p>Change from LXF to LHF Size L fixing by hanging bracket for tunnels, flat cover</p> | <p>Change from LXF to LAF L size, fixing by wall arm, flat cover</p> |
| + | + | + | + |

PRICE INCREASE FOR CHANGE OF:

Change of RJ_ optics to RF_ (Road Frontal)
 Change of RJ_ optics to RE_ (Road Extended)
 Change of RJ_ optics to CIN_ (Intensive Conical). Equivalent optics CME
 Change of RJ_ optics to CME (Medium Conical)
 Change of RJ_ optics to EW_ (Wide Elliptical).
 Change of RJ_ optics to AE_ (E-Type Asymmetric)
 Change of RJ_ optics to AG_ (G-Type Asymmetric)
 Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |
| MOV Pedestrian movement detection | + | - |

PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)
 Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
 Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

Change of colour from GY9007 to other Simon Lighting colours
 Colour change from GY9007 to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

- High turnover
- N New
- E While stocks last

*Confirm configuration restrictions in the general catalogue

ACCESSORIES DIRECT FROM FACTORY

ETNA ACCESSORIES



Anti-glare grille, horizontal
Matt black

50-70886

+



Anti-glare grille, vertical
Matt black

50-70887

+



Louvre grid visor
Matt black

50-70888

+



Protective grille
GY9006

50-70885

+



Anti-glare grille, concentric
Matt black

50-70889

+

(accessories do not include the luminaire)

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--|
| 50-73037 | Flat transparent glass spare (GTF). Including gasket |
| 50-33852 | LAF model wall arm |
| 50-73058 | LHF model bracket |

DEMON Istanium® LED

Minimalist design decorative LED spotlight luminaire with quadrangular shapes

Simon DEMON luminaire, model S, bracket fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, **IP66** for complete luminaire and **IK10**. No pre-wiring, supply voltage 230 V ac/50 Hz
Istanium® LED multi-array optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group protected by a flat tempered glass diffuser for easy cleaning, comprising high-efficiency LEDs. Upward Light Output Ratio (ULOR) below 1%, valid for E1 zones, certified by the **Instituto Astrofísico de Canarias (IAC)** Sky Quality Office. **LOR** performance of **93% to 82%**.
 Optional dimming, with MOV pedestrian movement detector, control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for body and bracket in Simon GYTECH colour with bracket decoration in BKTECH. Maximum dimensions of 260x415x115 con with opening using **M5 stainless steel Allen screws**.

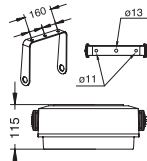
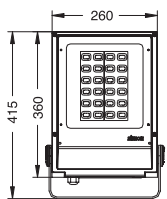


SXF

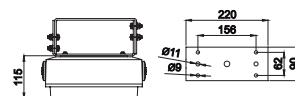
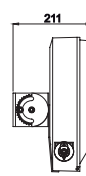
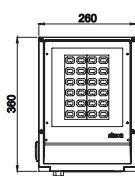
| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|--------------------------------|----------------|----------------------|---|
| 81 W | (8400 lumens at 4000K) 36 LEDs | 700 mA | 405-000371012 | DEMSXFGTFORJ_NDL_81W700IA23_1N_C1GYTECH |
| 58 W | (6900 lumens at 4000K) 36 LEDs | 530 mA | 405-000375012 | DEMSXFGTFORJ_NDL_58W530IA23_1N_C1GYTECH |
| 54 W | (5700 lumens at 4000K) 24 LEDs | 700 mA | 405-000186012 | DEMSXFGTFORJ_NDL_54W700IA23_1N_C1GYTECH |
| 39 W | (4600 lumens at 4000K) 24 LEDs | 530 mA | 405-000219012 | DEMSXFGTFORJ_NDL_39W530IA23_1N_C1GYTECH |
| 27 W | (3000 lumens at 4000K) 12 LEDs | 700 mA | 405-000378012 | DEMSXFGTFORJ_NDL_27W700IA23_1N_C1GYTECH |
| 13 W | (1600 lumens at 4000K) 12 LEDs | 350 mA | 405-000380012 | DEMSXFGTFORJ_NDL_13W350IA23_1N_C1GYTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL



Model SXF
 Size M
 3/4" G post-top fixing,
 flat cover



Model SHF
 Size M
 3/4" G post-top fixing,
 conical cover

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to CIN_ (Intensive Conical). Equivalent optics CME
- Change of RJ_ optics to CME_ (Medium Conical)
- Change of RJ_ optics to EW_ (Wide Elliptical)
- Change of RJ_ optics to AE_ (E-Type Asymmetric)
- Change of RJ_ optics to AG_ (G-Type Asymmetric)
- Change of RJ_ optics to CIN_ ♻️ (Intensive Conical). Equivalent optics CME
- Change of RJ_ optics to RW_ ♻️ (Road Wide). Equivalent optics RJ_
- Change of RJ_ optics to TRF_ ⚠️ (Traffic Optics)
- Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol
- MOV Pedestrian movement detection

Luminaires powered by
mains power 230 V ac 23_

Solar powered luminaires
V dc 12_ C3

| | |
|---|---|
| + | - |
| + | + |
| + | - |
| + | - |
| + | - |

PRICE INCREASE FOR CHANGE OF:

- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

- Colour change from GYTECH to other Simon Lighting colours
- Colour change from GYTECH to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--|
| 50-74606 | Anti-vandal protection grille with GY9006 finish |

MILOS M

Istanium® LED

Functional LED spotlight luminaire ideal for intensive introduction of LED technology

Simon **MILOS** LED luminaire, model **M**, bracket fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, **IP66** complete luminaire and **IK09**. No pre-wiring, supply voltage 230 V ac/50 Hz **Istanium® LED multi-array** optical group with RJ optics, type J frontal street, **maximum range at 68.8° and maximum dispersion at 54°**, neutral daylight. Upward Light Output Ratio (ULOR) of less than 1% mounted at 0°, valid for E1 zones, certified by the **Canary Islands Astrophysical Institute (IAC) Sky Quality Office**. LOR performance of 93% to 82%. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and maintenance of constant flow output (CLO). Standard finish for body, closures and bracket in Simon GYTECH colour with trim in dark grey. Maximum dimensions of 420x485x140 with **tool-free lever opening**.



| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|----------------------------------|----------------|----------------------|--|
| 96 W | (11,400 lumens at 4000K) 60 LEDs | 530 mA | 407-000369012 | MILMXFGTF0RJ_NDL_96W530IA23_1N__C1GYTECH |
| 81 W | (8400 lumens at 4000K) 36 LEDs | 700 mA | 407-000371012 | MILMXFGTF0RJ_NDL_81W700IA23_1N__C1GYTECH |
| 58 W | (6900 lumens at 4000K) 36 LEDs | 530 mA | 407-000375012 | MILMXFGTF0RJ_NDL_58W530IA23_1N__C1GYTECH |

*For lower powers, see Milos S

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to CIN E (Intensive Conical). Equivalent optics CME
- Change of RJ_ optics to CME (Medium Conical)
- Change of RJ_ optics to EW_ (Wide Elliptical).
- Change of RJ_ optics to AE_ (E-Type Asymmetric)
- Change of RJ_ optics to AG_ (G-Type Asymmetric)
- Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_
- Change of RJ_ optics to TRF N (Traffic Optics).

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

Luminaires powered by mains power 230 V ac 23_

Solar powered luminaires V dc 12_ C3

| | |
|---|---|
| + | - |
| + | + |
| + | - |
| + | - |
| + | - |

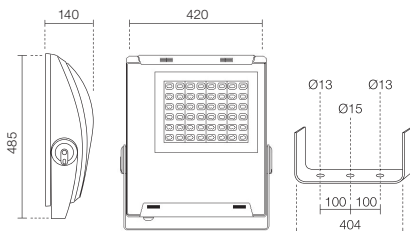
PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

- Colour change from GYTECH to other Simon Lighting colours
- Colour change from GYTECH to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



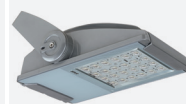
SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--|
| 50-73293 | Flat transparent glass spare (GTF). Milos M model up to 60 LEDs 96 W |

MILOS S Istanium® LED

Functional LED spotlight luminaire ideal for intensive introduction of LED technology

Simon **MILOS** LED luminaire, model **S**, bracket fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, **IP66** for complete luminaire and **IK09**. No pre-wiring, supply voltage 230 V ac/50 Hz **Istanium® LED multi-array** optical group with RJ optics, type J frontal street, **maximum range at 68.8° and maximum dispersion at 54°**, neutral daylight. Upward Light Output Ratio (ULOR) of less than 1% mounted at 0°, valid for E1 zones, **certified by the Canary Islands Astrophysical Institute (IAC) Sky Quality Office**. LOR performance of 93% to 82%. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish body, closure and bracket in Simon GYTECH colour with trim in dark grey. Maximum dimensions of 260x395x105 with **tool-free lever opening**.



SXF

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------------|--------------------------------|----------------|----------------------|---|
| 54 W | (5700 lumens at 4000K) 24 LEDs | 700 mA | 406-000186012 | MILSXFGTFORJ_NDL_54W700IA23_1N_C1GYTECH |
| 39 W | (4600 lumens at 4000K) 24 LEDs | 530 mA | 406-000219012 | MILSXFGTFORJ_NDL_39W530IA23_1N_C1GYTECH |
| 27 W | (3000 lumens at 4000K) 12 LEDs | 700 mA | 406-000378012 | MILSXFGTFORJ_NDL_27W700IA23_1N_C1GYTECH |
| 13 W | (1600 lumens at 4000K) 12 LEDs | 350 mA | 406-000380012 | MILSXFGTFORJ_NDL_13W350IA23_1N_C1GYTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Luminaire wired with 5 m of cable

- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to CIN ♻️ (Intensive Conical). Equivalent optics CME
- Change of RJ_ optics to CME (Medium Conical)
- Change of RJ_ optics to EW_ (Wide Elliptical)
- Change of RJ_ optics to AE_ (E-Type Asymmetric)
- Change of RJ_ optics to AG_ (G-Type Asymmetric)
- Change of RJ_ optics to RW_ ♻️ (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|--|--------------------------------------|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

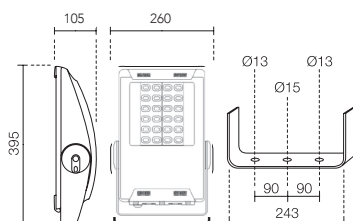
PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

- Colour change from GYTECH to other Simon Lighting colours
- Colour change from GYTECH to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---|
| 50-73321 | Flat transparent glass spare (GTF). Milos S LED_ASHID |

Simon FOGO luminaire, model S, conical-cylindrical shape, bracket fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, IP66 for complete luminaire and IK10. No pre-wiring, supply voltage 230 V ac/50 Hz
Istanium® LED multi-array optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group comprising 36 high-efficiency LEDs, with 81 W consumption at a supply current of 700 mA and minimum light flux of 6813 lm. Upward Light Output Ratio (ULOR) below 1%, valid for E1 zones, **certified by the Instituto Astrofísico de Canarias (IAC) Sky Quality Office**. Optional anti-vandal protection grille and concentric anti-glare grilles. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for body and bracket in Simon GYTECH colour with bracket decoration, top ring and bottom ring in BKTECH. Maximum dimensions of 329x482x329 with opening using M5 stainless steel Allen screws.



SXF

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|-------|--------------------------------|----------------|---------------|--|
| 81 W | (8400 lumens at 4000K) 36 LEDs | 700 mA | 408-000371012 | FOGSXFGTFORJ_NDL_81W700IA23_1N__C1GYTECH |
| 58 W | (6900 lumens at 4000K) 36 LEDs | 530 mA | 408-000375012 | FOGSXFGTFORJ_NDL_58W530IA23_1N__C1GYTECH |
| 54 W | (5700 lumens at 4000K) 24 LEDs | 700 mA | 408-000186012 | FOGSXFGTFORJ_NDL_54W700IA23_1N__C1GYTECH |
| 39 W | (4600 lumens at 4000K) 24 LEDs | 530 mA | 408-000219012 | FOGSXFGTFORJ_NDL_39W530IA23_1N__C1GYTECH |
| 27 W | (3000 lumens at 4000K) 12 LEDs | 700 mA | 408-000378012 | FOGSXFGTFORJ_NDL_27W700IA23_1N__C1GYTECH |
| 13 W | (1600 lumens at 4000K) 12 LEDs | 350 mA | 408-000380012 | FOGSXFGTFORJ_NDL_13W350IA23_1N__C1GYTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_ optics to RF_ (Road Frontal)
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to CIN Ⓜ (Intensive Conical). Equivalent optics CME
- Change of RJ_ optics to CME (Medium Conical)
- Change of RJ_ optics to EW_ (Wide Elliptical).
- Change of RJ_ optics to AE_ (E-Type Asymmetric)
- Change of RJ_ optics to AG_ (G-Type Asymmetric)
- Change of RJ_ optics to RW_ Ⓜ (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23_ | Solar powered luminaires V dc 12_ C3 |
|---|---|---|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

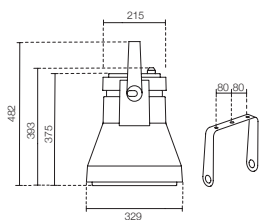
PRICE INCREASE FOR CHANGE OF:

- Change to 23S (Additional protection against 10 kV overvoltages)
- Change to 23_ C2 (mains powered 230 V ac 50/60 Hz, Class 2 electrical protection of the luminaire)
- Change to 12_ C3 (solar powered, dc voltage, Class 3 electrical protection of the luminaire)

- Colour change from GYTECH to other Simon Lighting colours
- Colour change from GYTECH to other RAL Classic Chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

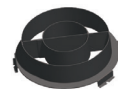
FOGO SXF_ACCESSORIES



Anti-vandal protection grille, model SFX, with GY9006 finish

50-74603

+



Anti-glare grille, concentric model SXF matt black

50-74605

+

Simon LORE luminaire, model M, conical-cylindrical shapes, bracket fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, **IP66** for complete luminaire and **IK10**. No pre-wiring, supply voltage 230 V ac/50 Hz **Istanium® LED multi-array** optical group, with type RJ frontal street optics with **maximum range at 68.8° and maximum scatter at 54°**, neutral daylight. Optical group comprising 36 high-efficiency LEDs, with 81 W consumption at a supply current of 700 mA and minimum light flux of 6813 lm. Upward Light Output Ratio (ULOR) below 1%, valid for E1 zones, **certified** by the **Instituto Astrofísico de Canarias (IAC)** Sky Quality Office. Optional dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body painted in Simon GY9006 colour, bracket in galvanised steel, reflector in anodised aluminium, closures in Simon GY9006 colour. Maximum dimensions of 500x459x500 with tool-free opening using 3 cast aluminium levers.



MXF

| POWER | LIGHT FLUX | SUPPLY CURRENT | ORDER CODE | OFFER CODE |
|--------------|-----------------------------------|----------------|----------------------|---|
| 116 W | (13,500 lumens at 4000 K) 72 LEDs | 530 mA | 409-000367017 | LORMXFGTFORJ_NDL116W530IA23_1N C1GY9006 |
| 96 W | (11,400 lumens at 4000 K) 60 LEDs | 530 mA | 409-000369017 | LORMXFGTFORJ_NDL_96W530IA23_1N C1GY9006 |
| 81 W | (8400 lumens at 4000 K) 36 LEDs | 700 mA | 409-000371017 | LORMXFGTFORJ_NDL_81W700IA23_1N C1GY9006 |
| 58 W | (6900 lumens at 4000 K) 36 LEDs | 530 mA | 409-000375017 | LORMXFGTFORJ_NDL_58W530IA23_1N C1GY9006 |
| 54 W | (5700 lumens at 4000 K) 24 LEDs | 700 mA | 409-000186017 | LORMXFGTFORJ_NDL_54W700IA23_1N C1GY9006 |
| 39 W | (4600 lumens at 4000 K) 24 LEDs | 530 mA | 409-000219017 | LORMXFGTFORJ_NDL_39W530IA23_1N C1GY9006 |
| 27 W | (3000 lumens at 4000 K) 12 LEDs | 700 mA | 409-000378017 | LORMXFGTFORJ_NDL_27W700IA23_1N C1GY9006 |
| 13 W | (1600 lumens at 4000 K) 12 LEDs | 350 mA | 409-000380017 | LORMXFGTFORJ_NDL_13W350IA23_1N C1GY9006 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of RJ_ optics to RF_ (Road Frontal)
 Change of RJ_ optics to RE_ (Road Extended)
 Change of RJ_ optics to AE_ (E-Type Asymmetric)
 Change of RJ_ optics to AG_ (G-Type Asymmetric)
 Change of RJ_ optics to RW_ E (Road Wide). Equivalent optics RJ_

Change of colour temperature from NDL to WDL (warm daylight)

CHANGE OF DIMMING

| | | | |
|------|---|---|---|
| 2N+ | Dimming with control line | + | - |
| 2N- | Dimming without control line (self-dimming) | + | + |
| CAD | Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 | Dimming via 1-10 input protocol | + | - |
| DALI | Dimming via DALI input protocol | + | - |

Luminaires powered by
mains power 230 V ac 23_

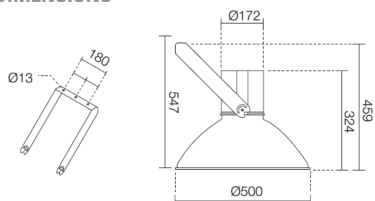
Solar powered luminaires
V dc 12_ C3

PRICE INCREASE FOR CHANGE OF:

Change to 23S (Additional protection against 10 kV overvoltages)
 Colour change from GY9006 to other Simon Lighting colours
 Colour change from GY9006 to other RAL Classic chart colours

*Confirm configuration restrictions in the general catalogue

DIMENSIONS

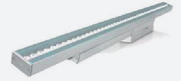


- High turnover
- N New
- E While stocks last

IRIS LED

Linear spotlight for architectural lighting

IRIS LED luminaire, model LF (lateral fixing, flat cover), flat, transparent tempered glass diffuser, with electronic control gear. Class I luminaire. Not pre-wired, with 7-way in-line connector, 230 V ac/50 Hz power supply. Standard finish in AS colour.



| POWER | COLOUR TEMPERATURE | OPTICS | DIMMING | CODE | DESCRIPTION |
|-----------------------|--------------------|--------|---------|--------------------|--------------------------------------|
| 18 W (300 mm) | NDL | C09 | 1N | 11-0111-241 | IRISLFGTF0EA_NDL_18W350MA23_1N_C1AS_ |
| 30 W (600 mm) | NDL | C09 | 1N | 11-0211-241 | IRISLFGTF0C09NDL_18W350MA23_1N_C1AS_ |
| 43 W (900 mm) | NDL | C09 | 1N | 11-0311-241 | IRILLFGTF0C09NDL_43W350MA23_1N_C1AS_ |
| 55 W (1200 mm) | NDL | C09 | 1N | 11-0411-241 | IRIHLFGTF0C09NDL_55W350MA23_1N_C1AS_ |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

- Change of optics from C09 (Conical 90) to C28 (Conical 280)
- Change of optics from C09 (Conical 90) to C45 (Conical 450)
- Change of optics from C09 (Conical 90) to EA_ (Elliptical 10x500)
- Change of colour temperature from NDL to WDL (warm daylight)
- Change of colour temperature from NDL to CDL (cold daylight)
- Change of colour temperature from NDL to DDL (dynamic daylight with DMX / DALI dimming)*
- Change of colour temperature from NDL to RGB (RGB with DMX / DALI dimming)*
- Change of colour temperature from NDL to R3W (RGB + neutral daylight with DMX / DALI dimming)*

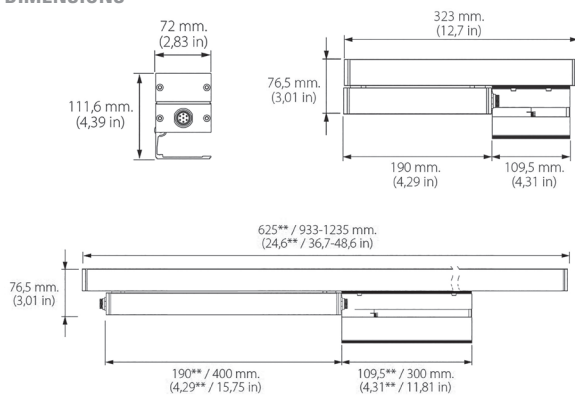
*To include increase due to change of dimming

CHANGE OF DIMMING







Luminaires powered by mains power 230 V ac 23_

| | | |
|------|---------------------------------|---|
| DMX | Dimming with control line | + |
| DALI | Dimming via DALI input protocol | + |

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|----------------|--|
|  | 11-9010-020 | Power cable, 2 m, 7-pole |
|  | 11-9020-004 | Extension cable, 0.4 m, with IP68 connectors |
| | 11-9020-006 | Extension cable, 0.6 m, with IP68 connectors |
| | 11-9020-009 | Extension cable, 0.9 m, with IP68 connectors |
| | 11-9020-015 | Extension cable, 1.5 m, with IP68 connectors |
| | 11-9070-001 | Extension cable for IP68 in-line connectors |
|  | 11-9060-100 | 7-pole IP68 male in-line connector Allows extension cables to be made to measure. |
| | 11-9060-200 | 7-pole IP68 female in-line connector Allows extension cables to be made to measure. |
|  | 11-9050-000 | IP68 end plug, end luminaire |
| | 11-9060-300 | 3-pole connector, 2xM20, IP68 without CPU |
| | 11-9060-400 | 6-pole connector, 3xM25, IP68 with CPU |
|  | 11-9102-000 | DMX addresser |
|  | 11-9112-100 | 4-output amplifier, RACK format |
| | Consult | Stage/show programming service |


IRIS LED - CUSTOMISED PROGRAM CODES

| POWER | COLOUR TEMPERATURE | OPTICS | DIMMING | CODE | DESCRIPTION |
|----------------|--------------------|--------|---------|-------------|--|
| 18 W (300 mm) | NDL | EA | 1N | 11-0111-242 | IRISLFGTF0EA_RGB_18W350MA23_1N_C1AS_ |
| 18 W (300 mm) | RGB | EA | DMX | 11-0111-512 | IRISLFGTF0EA_RGB_18W350MA23_DMXX_C1AS_ |
| 30 W (600 mm) | NDL | EA | 1N | 11-0211-242 | IRIMLFGTF0EA_WDL_30W350MA23_1N_C1AS_ |
| 30 W (600 mm) | RGB | EA | DMX | 11-0211-512 | IRIMLFGTF0EA_RGB_30W350MA23_DMXX_C1AS_ |
| 43 W (900 mm) | NDL | EA | 1N | 11-0311-242 | IRISLFGTF0EA_NDL_43W350MA23_1N_C1AS_ |
| 43 W (900 mm) | RGB | EA | DMX | 11-0311-512 | IRISLFGTF0EA_RGB_43W350MA23_DMXX_C1AS_ |
| 55 W (1200 mm) | NDL | EA | 1N | 11-0411-242 | IRIHLFGTF0EA_NDL_55W350MA23_1N_C1AS_ |
| 55 W (1200 mm) | RGB | EA | DMX | 11-0411-512 | IRIHLFGTF0EA_RGB_55W350MA23_DMXX_C1AS_ |

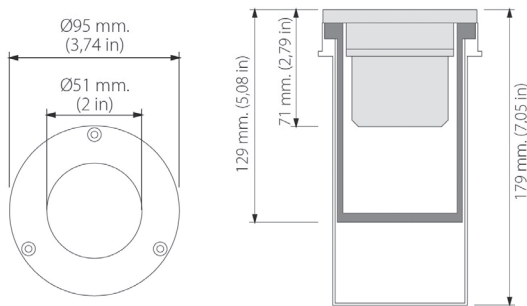
- High turnover
- N New
- E While stocks last

NYX LED


IP67 inground spotlight for architectural accent lighting

| NYX LED | COLOUR TEMPERATURE | OPTICS | POWER | LEDs | DIMMING | ORDER CODE | |
|--|---------------------------|--------|-------|-------|---------|-------------|-------------|
|  <p>NYX LED, S size luminaire, set into the ground, flat cover, flat prismatic polycarbonate diffuser, 3 W power, 1N, with electronic gear. Luminaire Class II. No pre-wiring, 230 V ac/50 Hz power supply. SS ring finish (Stainless Steel).</p> | WDL Warm daylight | C09 | 3 W | 3 LED | 1N | 11-1044-341 | |
| | | C28 | 3 W | 3 LED | 1N | 11-1044-343 | |
| | | C45 | 3 W | 3 LED | 1N | 11-1044-344 | |
| | CDL Lux, cold daylight | C09 | 3 W | 3 LED | 3 LED | 1N | 11-1044-141 |
| | | C28 | 3 W | 3 LED | 3 LED | 1N | 11-1044-143 |
| | | C45 | 3 W | 3 LED | 3 LED | 1N | 11-1044-144 |
| | BL Blue | C09 | 3 W | 3 LED | 3 LED | 1N | 11-1044-941 |
| | | C28 | 3 W | 3 LED | 3 LED | 1N | 11-1044-943 |
| | | C45 | 3 W | 3 LED | 3 LED | 1N | 11-1044-944 |

DIMENSIONS

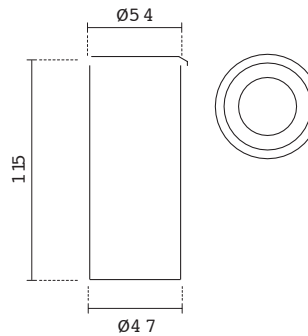


ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|-------------|--|
|  | 11-1040-000 | Junction box for installation in cement/concrete |

ES1 LED

IP65 spotlight suitable for recessing, with stainless steel body and LED technology suitable for signage



| GEAR (W) | COLOUR TEMP. | UD. V | RING CLOSURE | ORDER CODE | OFFER CODE |
|----------|--------------|-------|--------------|------------|------------------------|
| LED 1 W | BF | 50 | St.St. | 50-80529 | ES1D53 1 W BF CGCLASSF |

JR1 LED

IP65 beacon, suitable for pedestrian areas, parks, gardens and signing.

DIFFUSER BEACON, TOP EMISSION

1 gland / IK09



| LAMP (W) | FINISH | LP.HD.?? | GEAR | DIFFUSER | ORDER CODE | OFFER CODE |
|---------------------------|--------|----------|---------------|----------|------------|------------------------------|
| 24 LEDS, white, High Int. | CGCLAS | - | 230 V 24 V dc | tinted | 50-18617 | JR01C 24xLED E001 CGCLAS GML |

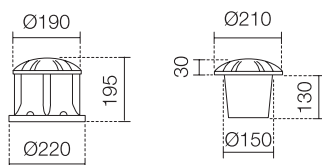
RECESSED BEACON, TOP EMISSION

2 glands / IK09



| LAMP (W) | FINISH | LP.HD.?? | GEAR | DIFFUSER | ORDER CODE | OFFER CODE |
|---------------------------|--------|----------|---------------|----------|------------|------------------------------|
| 24 LEDS, white, High Int. | CGCLAS | - | 230 V 24 V dc | tinted | 50-18618 | JR01D 24xLED E001 CGCLAS GML |

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|------------|---------------|
|  | 50-18801 | Fixing tube** |

** For 50-18613 and 50-18614 models. Height 220 mm / 180 mm external Ø / 162 mm internal Ø



— OPTICAL GROUP ISTANIUM LED

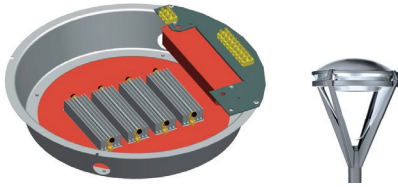
for replacing existing
HID lampposts

| | | |
|------------------|-----|----|
| ATIK Istanium® | LED | 46 |
| HYDRA Istanium® | LED | 47 |
| BERLIN Istanium® | LED | 48 |
| PRAGA Istanium® | LED | 49 |
| FC6 Istanium® | LED | 50 |

ATIK

Istanium® LED

Istanium® LED upgrade module
for ATIK HID luminaire



| POWER | SUPPLY CURRENT | LIGHT FLUX | ORDER CODE | OFFER CODE |
|-------------|----------------|---------------------------------|----------------------|--|
| 81 W | 700 mA | (8400 lumens at 4000 K) 36 LEDs | 900-000371000 | AT#MP_ATFORJ_NDL_81W700IA23_1N__C1NCOLOR |
| 58 W | 530 mA | (6900 lumens at 4000K) 36 LEDs | 900-000375000 | AT#MP_ATFORJ_NDL_58W530IA23_1N__C1NCOLOR |
| 54 W | 700 mA | (5700 lumen at 4000 K) 24 LEDs | 900-000186000 | AT#MP_ATFORJ_NDL_54W700IA23_1N__C1NCOLOR |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | 900-000219000 | AT#MP_ATFORJ_NDL_39W530IA23_1N__C1NCOLOR |
| 27 W | 700 mA | (3000 lumen at 4000 K) 12 LEDs | 900-000378000 | AT#MP_ATFORJ_NDL_27W700IA23_1N__C1NCOLOR |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from ATF to ATB (Transparent Conical High Resistance PMMA)
Change of diffuser from ATF to POB (Conical Opal Polymer)

Change of RJ_ optics to RE_ (Road Extended)
Change of RJ_ optics to SRJ (Type J Symmetrical Road Frontal)

Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23 | Solar powered luminaires V dc 12_ C3 |
|---|--|---|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

Supply includes the flat tempered glass diffuser, the Istanium® LED modules, the gear, the sealing gasket to maintain IP protection and the fasteners.

HYDRA Istanium® LED

Istanium® LED upgrade module
for HYDRA HID luminaire



| POWER | SUPPLY CURRENT | LIGHT FLUX | ORDER CODE | OFFER CODE |
|-------------|----------------|---------------------------------|----------------------|--|
| 58 W | 530 mA | (6900 lumen at 4000 K) 36 LEDs | 901-000375013 | HY#MP_ATB0RJ_NDL_58W530IA23_1N__C1GYDECO |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | 901-000219013 | HY#MP_ATB0RJ_NDL_39W530IA23_1N__C1GYDECO |
| 20 W | 530 mA | (2400 lumen at 4000 K) 12 LEDs | 901-000379013 | HY#MP_ATB0RJ_NDL_20W530IA23_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of model to MPB

Change of RJ_ optics to RE_ (Road Extended)

Change of RJ_ optics to SRJ (Type J Symmetrical Road Frontal)

Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23 | Solar powered luminaires Vdc 12_ C3 |
|---|--|--|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

PRICE INCREASE FOR CHANGE OF:

Change of ring colour from the Simon Lighting base

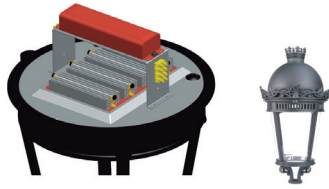
Change of ring colour from the RAL base

Supply includes the high impact resistance curved PMMA diffuser (ATB), the Istanium® LED modules, the gear, the sealing gasket to maintain IP protection and the fasteners.

BERLIN

Istanium® LED

Istanium® LED upgrade module
for BERLIN HID luminaire



| POWER | SUPPLY CURRENT | LIGHT FLUX | ORDER CODE | OFFER CODE |
|-------------|----------------|---------------------------------|----------------------|--|
| 81 W | 700 mA | (8400 lumen at 4000 K) 36 LEDs | 902-000371000 | BE#MPCGTFORJ_NDL_81W700IA23_1N__C1NCOLOR |
| 58 W | 530 mA | (6900 lumen at 4000 K) 36 LEDs | 902-000375000 | BE#MPCGTFORJ_NDL_58W530IA23_1N__C1NCOLOR |
| 54 W | 700 mA | (5700 lumen at 4000 K) 24 LEDs | 902-000186000 | BE#MPCGTFORJ_NDL_54W700IA23_1N__C1NCOLOR |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | 902-000219000 | BE#MPCGTFORJ_NDL_39W530IA23_1N__C1NCOLOR |
| 27 W | 700 mA | (3000 lumen at 4000 K) 12 LEDs | 902-000378000 | BE#MPCGTFORJ_NDL_27W700IA23_1N__C1NCOLOR |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

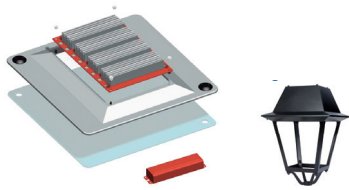
- Change of RJ_ optics to RE_ (Road Extended)
- Change of RJ_ optics to SRJ (Type J Symmetrical Road Frontal)
- Change of colour temperature from NDL to WDL (warm daylight)

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23 | Solar powered luminaires Vdc 12_ C3 |
|---|--|--|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

Supply includes the flat tempered glass diffuser, the Istanium® LED modules, the gear, the sealing gasket to maintain IP protection and the fasteners.

PRAGA Istanium® LED

Istanium® LED upgrade module
for PRAGA HID luminaire



| POWER | SUPPLY CURRENT | LIGHT FLUX | ORDER CODE | OFFER CODE |
|-------------|----------------|---------------------------------|----------------------|--|
| 81 W | 700 mA | (8400 lumen at 4000 K) 36 LEDs | 903-000371000 | PR#MP_GTFORJ_NDL_81W700IA23_1N__C1NCOLOR |
| 58 W | 530 mA | (6900 lumen at 4000 K) 36 LEDs | 903-000375000 | PR#MP_GTFORJ_NDL_58W530IA23_1N__C1NCOLOR |
| 54 W | 700 mA | (5700 lumen at 4000 K) 24 LEDs | 903-000186000 | PR#MP_GTFORJ_NDL_54W700IA23_1N__C1NCOLOR |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | 903-000219000 | PR#MP_GTFORJ_NDL_39W530IA23_1N__C1NCOLOR |
| 27 W | 700 mA | (3000 lumen at 4000 K) 12 LEDs | 903-000378000 | PR#MP_GTFORJ_NDL_27W700IA23_1N__C1NCOLOR |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

- Change of RJ_optics to RE_ (Road Extended)
- Change of RJ_optics to SRJ (Type J Symmetrical Road Frontal)
- Change of colour temperature from NDL to WDL (warm daylight)

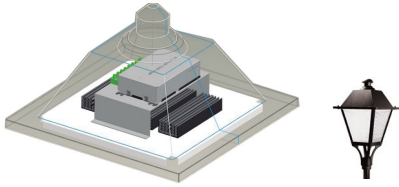
| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23 | Solar powered luminaires V dc 12_ C3 |
|---|--|---|
| 2N+ Dimming with control line | + | - |
| 2N- Dimming without control line (self-dimming) | + | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + | - |
| 1-10 Dimming via 1-10 input protocol | + | - |
| DALI Dimming via DALI input protocol | + | - |

Supply includes the high resistance flat PMMA diffuser (ATF), the Istanium® LED modules, the gear, the sealing gasket to maintain IP protection and the fasteners.

- High turnover
- N New
- E While stocks last

FC6 Istanium® LED

Istanium® LED upgrade module
for FC6 HID luminaire



| POWER | SUPPLY CURRENT | LIGHT FLUX | ORDER CODE | OFFER CODE |
|-------------|----------------|---------------------------------|----------------------|---|
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | 905-000219000 | F6#MPC____ORJ_NDL_39W530IA23_1N__C1NCOLOR |
| 20 W | 530 mA | (2400 lumen at 4000 K) 12 LEDs | 905-000379000 | F6#MPC____ORJ_NDL_20W530IA23_1N__C1NCOLOR |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

| CHANGE OF DIMMING | Luminaires powered by mains power 230 V ac 23 |
|---|--|
| 2N+ Dimming with control line | + |
| 2N- Dimming without control line (self-dimming) | + |
| CAD Cabinet amplitude dimming (dimming at electrical panel) | + |
| 1-10 Dimming via 1-10 input protocol | + |
| DALI Dimming via DALI input protocol | + |

Supply includes the Istanium® LED modules, the gear and the fasteners.



HID AND FLUORESCENT LUMINAIRES

| | | | |
|---|-----|----|-----|
| ROAD | | | |
| SYRMA | HID | 5 | 4 |
| ZANIAH | HID | 5 | 8 |
| VEGA | HID | 6 | 1 |
| AP1 | HID | 6 | 3 |
| DECORATIVE | | | |
| KUMA RD | HID | 6 | 6 |
| KUMA | HID | 6 | 7 |
| ENIF | HID | 6 | 9 |
| MIZAR | HID | 7 | 1 |
| ALYA | HID | 7 | 2 |
| HEKA | HID | 7 | 3 |
| SPICA | HID | 7 | 7 |
| ATIK | HID | 7 | 9 |
| HYDRA | HID | 8 | 3 |
| ALCOR | HID | 8 | 6 |
| BR | HID | 8 | 7 |
| CLASSIC | | | |
| NAVI | HID | 8 | 9 |
| BORA | HID | 9 | 0 |
| BERLIN | HID | 9 | 2 |
| PRAGA | HID | 9 | 4 |
| FC6HID | | 9 | 6 |
| GO1HID | | 9 | 7 |
| DECORATIVE SPOTLIGHTS | | | |
| ETNA | HID | 9 | 8 |
| TAOS | HID | 10 | 1 |
| DEMON | HID | 10 | 2 |
| MILOS | HID | 10 | 4 |
| FOGO | HID | 10 | 6 |
| LORE | HID | 10 | 8 |
| PR30 | HID | 10 | 9 |
| PR31 | HID | 11 | 0 |
| EGON PR | HID | 11 | 1 |
| BOX M | | 11 | 2 |
| FUNCTIONAL SPOTLIGHTS | | | |
| PR4 | | | |
| PR12 | 🌱 | 11 | 3 |
| PR17 | | 11 | 3 |
| PR40 | 🌱 | 11 | 3 |
| PR22 | | 11 | 5 |
| PR15 | 🌱 | 11 | 5 |
| | | 11 | 6 |
| ARCHITECTURAL | | | |
| NYOS | | | 116 |
| INGROUND UPLIGHTS | | | |
| STROMBOLI LD | | | 116 |
| STROMBOLI MF | | | 117 |
| STROMBOLI MD | | | 117 |
| STROMBOLI MC | | | 117 |
| BEACONS | | | |
| JR1 | | | 118 |
| JR2 | 🌱 | | 119 |
| JR3 | | | 120 |
| GARDEN, TERTIARY AND RESIDENTIAL | | | |
| FC2 | | | 121 |
| BL7 | 🌱 | | 122 |
| LP2 | | | 122 |
| BD7 | | | 122 |
| BD9 | | | 123 |
| BD3 | | | 123 |
| BD4 | | | 124 |
| BD2 | | | 124 |
| UNDERWATER POOL | | | |
| SU2 | | | 125 |
| SU3 | | | 126 |
| UNDERWATER FOUNTAIN | | | |
| SU4 | | | 126 |
| SU7 | | | 127 |
| WATERPROOF AND TERMINAL BLOCKS | | | |
| FL+ | 🌱 | | 129 |
| FL7 | 🌱 | | 130 |
| INDUSTRIAL LUMINAIRES | | | |
| EGON IN | | | 131 |
| IN5V | | | 132 |
| IN40 | | | 133 |
| IN20 | | | 134 |
| DECORATIVE LUMINAIRES | | | |
| IN10 | | | 134 |

SYRMA HID

Minimalist design HID street light luminaire in curved shapes

Simon SYRMA HID luminaire, model M, lateral and post-top fixing, flat cover, flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 for the optical group, IP65 for gear holder receptacle and IK09. Built in self-levelling device. Standard finish in Simon GY9006 Colour. Power and lamp socket according to configuration table.



MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|---|
| 400 W | E40 | 50-86708 | SYRMXFGB0RD__1SO400E40__EM_1N__C1GY9007 |
| 250 W | E40 | 50-86707 | SYRMXFGB0RD__1SO250E40__EM_1N__C1GY9007 |
| 150 W | E40 | 50-86706 | SYRMXFGB0RD__1SM150E40__EM_1N__C1GY9007 |
| 100 W | E40 | 50-86705 | SYRMXFGB0RD__1SM100E40__EM_1N__C1GY9007 |
| 70 W | E27 | 50-86715 | SYRMXFGB0RD__1SM_70E27__EM_1N__C1GY9007 |
| 50 W | E27 | 50-86720 | SYRMXFGB0RD__1SM_50E27__EM_1N__C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 400 W | + | + | + | - | - | - | - | - | - | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 50 W | + | - | - | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

CHANGE OF ELECTRICAL PROTECTION OF THE LUMINAIRE C2

Change of electrical protection of the luminaire C2

Colour change from GY9007 to GY9006

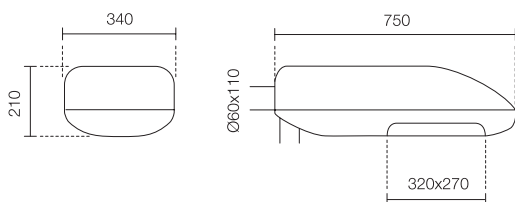
Change of colour from GY9007 to other Simon Lighting colours

Colour change from GY9007 to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

DIMENSIONS



- High turnover
- N New
- E While stocks last

SYRMA HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 50 W | 50-90011 | SYRMXFGTFORD__1SM_50E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 50 W | 50-86719 | SYRMXFGTFORD__1ST_50E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-89468 | SYRMXFGTBORD__1SM_70E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-94636 | SYRMXFGTFORD__1ST_70E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-89836 | SYRMXFGTFORD__1SO_70E27__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 70 W | 50-86799 | SYRMXFGTBORD__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-94349 | SYRMXFGTFORD__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-90342 | SYRMXFGTBORD__1SO_70E27__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 70 W | 50-88620 | SYRMXFGTBORD__1SM_70E27__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 100 W | 50-89690 | SYRMXFGTFORD__1SM100E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 100 W | 50-89462 | SYRMXFGTFORD__1SO100E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 100 W | 50-94624 | SYRMXFGTFORD__1SO100E40__EM_2N+_C1CGCLAS | 2N+_ | CGCLAS |
| 100 W | 50-94412 | SYRMXFGTFORD__1SM100E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-89337 | SYRMXFGTFORD__1SO100E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 100 W | 50-86789 | SYRMXFGTBORD__1SM100E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 100 W | 50-86795 | SYRMXFGTBORD__1SO100E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 100 W | 50-89563 | SYRMXFGTBORD__1SO100E40__EM_2N-_C1GY9007 | 2N-_ | GY9007 |
| 100 W | 50-86711 | SYRMXFGTBORD__1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-94880 | SYRMXFGTBORD__1SM100E40__EM_1N__C1RD3004 | 1N__ | RD3004 |
| 125 W | 50-86787 | SYRMXFGTBORD__1QE125E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 125 W | 50-86703 | SYRMXFGTBORD__1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-86726 | SYRMXFGTBORD__1ST150E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 150 W | 50-86732 | SYRMXFGTFORD__1SO150E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 150 W | 50-94246 | SYRMXFGTBORD__1SM150E40__EM_1N__C1BE1035 | 1N__ | BE1035 |
| 150 W | 50-94492 | SYRMXFGTFORD__1SM150E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 150 W | 50-94861 | SYRMXFGTBORD__1SM150E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 150 W | 50-86746 | SYRMXFGTBORD__1SM150E40__EM_1N__C1BL5003 | 1N__ | BL5003 |
| 150 W | 50-86752 | SYRMXFGTBORD__1SO150E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |
| 150 W | 50-94323 | SYRMXFGTFORD__1SM150E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 150 W | 50-94170 | SYRMXFGTFORD__1SM150E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 150 W | 50-94240 | SYRMXFGTFORD__1SO150E40__EM_2N+_C1BL5026 | 2N+_ | BL5026 |
| 150 W | 50-87906 | SYRMXFGTBORD__1SM150E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 150 W | 50-89442 | SYRMXFGTFORD__1SO150E40__EM_2N+_C1CGCLAS | 2N+_ | CGCLAS |
| 150 W | 50-89008 | SYRMXFGTBORD__1SM150E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-87866 | SYRMXFGTFORD__1SO150E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-94437 | SYRMXFGTFORD__1SM150E40__EM_1N__C1GN6005 | 1N__ | GN6005 |
| 150 W | 50-94234 | SYRMXFGTFORD__1SM150E40__EM_1N__C1GY7016 | 1N__ | GY7016 |
| 150 W | 50-87931 | SYRMXFGTFORD__1SM150E40__EM_1N__C1GY7035 | 1N__ | GY7035 |
| 150 W | 50-86790 | SYRMXFGTBORD__1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-89812 | SYRMXFGTFORD__1SO150E40__EM_2N-_C1GY9006 | 2N-_ | GY9006 |
| 150 W | 50-86796 | SYRMXFGTBORD__1SO150E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 150 W | 50-94603 | SYRMXFGTFORD__1SM150E40__EM_1N__C1BL5005 | 1N__ | BL5005 |
| 150 W | 50-94081 | SYRMXFGTFORD__1SO150E40__EM_2N-_C1GY9007 | 2N-_ | GY9007 |
| 150 W | 50-86712 | SYRMXFGTBORD__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-88608 | SYRMXFGTBORD__1SM150E40__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 150 W | 50-87922 | SYRMXFGTBORD__1SM150E40__EM_1N__C1RD3004 | 1N__ | RD3004 |
| 150 W | 50-94539 | SYRMXFGTFORD__1SM150E40__EM_1N__C1RD3020 | 1N__ | RD3020 |
| 150 W | 50-89264 | SYRMXFGTFORD__1SM150E40__EM_1N__C1WH9003 | 1N__ | WH9003 |
| 150 W | 50-94707 | SYRMXFGTFORD__1SM150E40__EM_1N__C1YE1007 | 1N__ | YE1007 |
| 150 W | 50-94541 | SYRMXFGTFORD__1SM150E40__EM_1N__C1YE1018 | 1N__ | YE1018 |
| 250 W | 50-86727 | SYRMXFGTBORD__1SO250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-94490 | SYRMXFGTFORD__1SO250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-86733 | SYRMXFGTFORD__1SO250E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 250 W | 50-86747 | SYRMXFGTFORD__1SO250E40__EM_1N__C1BL5003 | 1N__ | BL5003 |
| 250 W | 50-86753 | SYRMXFGTFORD__1SO250E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |
| 250 W | 50-94702 | SYRMXFGTFORD__1SO250E40__EM_1N__C1BL5005 | 1N__ | BL5005 |
| 250 W | 50-94638 | SYRMXFGTFORD__1SO250E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 250 W | 50-94257 | SYRMXFGTFORD__1SO250E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 250 W | 50-90051 | SYRMXFGTFORD__1SO250E40__EM_2N-_C1BL5026 | 2N-_ | BL5026 |
| 250 W | 50-94560 | SYRMXFGTFORD__1SO250E40__EM_2N+_C1BL5026 | 2N+_ | BL5026 |
| 250 W | 50-89014 | SYRMXFGTFORD__1SO250E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 250 W | 50-87860 | SYRMXFGTFORD__1SO250E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 250 W | 50-89953 | SYRMXFGTFORD__1SO250E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 250 W | 50-89814 | SYRMXFGTFORD__1SO250E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |

Printed: 2016-05-01

- High turnover
- N New
- E While stocks last

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 250 W | 50-89108 | SYRMXFGTBORD__1S0250E40__EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 250 W | 50-87960 | SYRMXFGTBORD__1S0250E40__EM_1N_C1GN6005 | 1N | GN6005 |
| 250 W | 50-87933 | SYRMXFGTFORD__1S0250E40__EM_1N_C1GY7035 | 1N | GY7035 |
| 250 W | 50-86791 | SYRMXFGTBORD__1S0250E40__EM_1N_C1GY9006 | 1N | GY9006 |
| 250 W | 50-86788 | SYRMXFGTBORD__1QE250E40__EM_1N_C1GY9006 | 1N | GY9006 |
| 250 W | 50-86797 | SYRMXFGTBORD__1S0250E40__EM_2N+_C1GY9006 | 2N+ | GY9006 |
| 250 W | 50-86704 | SYRMXFGTBORD__1QE250E40__EM_1N_C1GY9007 | 1N | GY9007 |
| 250 W | 50-89701 | SYRMXFGTBORD__1S0250E40__EM_2N-_C1GY9007 | 2N- | GY9007 |
| 250 W | 50-86713 | SYRMXFGTBORD__1S0250E40__EM_2N+_C1GY9007 | 2N+ | GY9007 |
| 250 W | 50-94664 | SYRMXFGTFORD__1S0250E40__EM_1N_C1GYDECO | 1N | GYDECO |
| 250 W | 50-88609 | SYRMXFGTFORD__1S0250E40__EM_1N_C1GYTECH | 1N | GYTECH |
| 250 W | 50-94320 | SYRMXFGTFORD__1S0250E40__EM_1N_C1RD3003 | 1N | RD3003 |
| 250 W | 50-87923 | SYRMXFGTFORD__1S0250E40__EM_1N_C1RD3004 | 1N | RD3004 |
| 250 W | 50-94261 | SYRMXFGTFORD__1S0250E40__EM_1N_C1WH9010 | 1N | WH9010 |
| 250 W | 50-94572 | SYRMXFGTFORD__1S0250E40__EM_1N_C1WH9016 | 1N | WH9016 |
| 400 W | 50-94416 | SYRMXFGTFORD__1S0400E40__EM_1N_C1BL5003 | 1N | BL5003 |
| 400 W | 50-86754 | SYRMXFGTFORD__1S0400E40__EM_2N+_C1BL5003 | 2N+ | BL5003 |
| 400 W | 50-94304 | SYRMXFGTBORD__1S0400E40__EM_1N_C1CGCLAS | 1N | CGCLAS |
| 400 W | 50-86792 | SYRMXFGTBORD__1S0400E40__EM_1N_C1GY9006 | 1N | GY9006 |
| 400 W | 50-86714 | SYRMXFGTFORD__1S0400E40__EM_2N+_C1GY9007 | 2N+ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class II | | | | |
| 100 W | 50-90238 | SYRMXFGTFORD__1S0100E40__EM_2N+_C2DGCLAS | 2N+ | DGCLAS |
| 100 W | 50-90232 | SYRMXFGTFORD__1S0100E40__EM_2N-_C2GN6001 | 2N- | GN6001 |
| 100 W | 50-94805 | SYRMXFGTFORD__1SM100E40__EM_1N_C2GY7016 | 1N | GY7016 |
| 100 W | 50-89647 | SYRMXFGTFORD__1S0100E40__EM_2N-_C2GY7035 | 2N- | GY7035 |
| 100 W | 50-86832 | SYRMXFGTBORD__1SM100E40__EM_1N_C2GY9007 | 1N | GY9007 |
| 150 W | 50-94584 | SYRMXFGTFORD__1S0150E40__EM_2N+_C2BE1015 | 2N+ | BE1015 |
| 150 W | 50-94262 | SYRMXFGTFORD__1SM150E40__EM_1N_C2BL5015 | 1N | BL5015 |
| 150 W | 50-94721 | SYRMXFGTFORD__1SM150E40__EM_1N_C2CGCLAS | 1N | CGCLAS |
| 150 W | 50-89918 | SYRMXFGTFORD__1S0150E40__EM_2N+_C2GN6001 | 2N+ | GN6001 |
| 150 W | 50-94804 | SYRMXFGTFORD__1SM150E40__EM_1N_C2GY7016 | 1N | GY7016 |
| 150 W | 50-89411 | SYRMXFGTBORD__1S0150E40__EM_2N+_C2GY7035 | 2N+ | GY7035 |
| 150 W | 50-89664 | SYRMXFGTBORD__1S0150E40__EM_2N-_C2GY9006 | 2N- | GY9006 |
| 150 W | 50-86834 | SYRMXFGTBORD__1SM150E40__EM_1N_C2GY9007 | 1N | GY9007 |
| 150 W | 50-94242 | SYRMXFGTFORD__1S0150E40__EM_2N-_C2GY9007 | 2N- | GY9007 |
| 150 W | 50-86842 | SYRMXFGTFORD__1S0150E40__EM_2N+_C2GY9007 | 2N+ | GY9007 |
| 150 W | 50-94348 | SYRMXFGTBORD__1SM150E40__EM_1N_C2RD3011 | 1N | RD3011 |
| 250 W | 50-94300 | SYRMXFGTFORD__1S0250E40__EM_2N-_C2BL5015 | 2N- | BL5015 |
| 250 W | 50-94301 | SYRMXFGTFORD__1S0250E40__EM_2N+_C2BL5015 | 2N+ | BL5015 |
| 250 W | 50-94719 | SYRMXFGTFORD__1S0250E40__EM_1N_C2CGCLAS | 1N | CGCLAS |
| 250 W | 50-90231 | SYRMXFGTFORD__1S0250E40__EM_2N-_C2GN6001 | 2N- | GN6001 |
| 250 W | 50-87932 | SYRMXFGTFORD__1S0250E40__EM_1N_C2GY7035 | 1N | GY7035 |
| 250 W | 50-89412 | SYRMXFGTBORD__1S0250E40__EM_2N-_C2GY7035 | 2N- | GY7035 |
| 250 W | 50-94674 | SYRMXFGTFORD__1S0250E40__EM_2N+_C2GY7043 | 2N+ | GY7043 |
| 250 W | 50-86835 | SYRMXFGTBORD__1S0250E40__EM_1N_C2GY9006 | 1N | GY9006 |
| 250 W | 50-86836 | SYRMXFGTBORD__1S0250E40__EM_1N_C2GY9007 | 1N | GY9007 |
| 250 W | 50-94347 | SYRMXFGTFORD__1S0250E40__EM_1N_C2RD3011 | 1N | RD3011 |
| 400 W | 50-89416 | SYRMXFGTFORD__1S0400E40__EM_2N-_C2GN6001 | 2N- | GN6001 |
| 400 W | 50-89413 | SYRMXFGTFORD__1S0400E40__EM_2N+_C2GY7035 | 2N+ | GY7035 |
| 400 W | 50-86838 | SYRMXFGTFORD__1S0400E40__EM_1N_C2GY9007 | 1N | GY9007 |
| 400 W | 50-89702 | SYRMXFGTFORD__1S0400E40__EM_2N-_C2GY9007 | 2N- | GY9007 |
| 400 W | 50-94748 | SYRMXFGTBORD__1S0400E40__EM_1N_C2WH9010 | 1N | WH9010 |

- High turnover
- N New
- E While stocks last

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|-----------------|--|---------|--------|
| Electronic Control Gear (EL) - Class I | | | | |
| 70 W | 50-90098 | SYRMXFGTFORD__1SO_70E27__EL_2N-_C1GY9006 | 2N-_ | GY9006 |
| 150 W | 50-89828 | SYRMXFGTFORD__1MH150E40__EL_2N+_C1GY9006 | 2N+_ | GY9006 |
| 150 W | 50-90083 | SYRMXFGTBORD__1SO150E40__EL_2N+_C1GY9006 | 2N+_ | GY9006 |
| 150 W | 50-90082 | SYRMXFGTFORD__1SO150E40__EL_2N+_C1GY9006 | 2N+_ | GY9006 |
| 150 W | 50-90100 | SYRMXFGTBORD__1SO150E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |
| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
| Electronic Control Gear (EL) - Class II | | | | |
| 70 W | 50-90709 | SYRMXFGTBORD__1MH_70E27__EL_2N-_C2GY9007 | 2N-_ | GY9007 |
| 150 W | 50-90708 | SYRMXFGTBORD__1SO150E40__EL_2N-_C2GY9007 | 2N-_ | GY9007 |

ZANIAH HID

Minimalist design HID street light luminaire in curved shapes

Simon ZANIAH HID luminaire, model L, lateral and post-top fixing, flat cover, flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 for the optical group, IP65 for gear holder receptacle and IK09. Built in self-levelling device. Standard finish in Simon GY9007 colour. Power and lamp socket according to configuration table.



LXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 250 W | E40 | 50-88203 | ZANLXFGEFORD__1S0250E40__EM_1N__C1GY9007 |
| 400 W | E40 | 50-88204 | ZANLXFGEFORD__1S0400E40__EM_1N__C1GY9007 |
| 600 W | E40 | 50-88205 | ZANLXFGEFORD__1S0600E40__EM_1N__C1GY9007 |

ZANIAH HID luminaire, model M, lateral and post-top fixing, flat cover, flat transparent glass diffuser with Class I electromagnetic control gear. No pre-wiring, 230 V ac/50 Hz power supply and city optics. Standard finish in Simon GY9007 colour.



MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 50 W | E27 | 50-88884 | ZANMXFGEFORD__1SM_50E27__EM_1N__C1GY9007 |
| 70 W | E27 | 50-88952 | ZANMXFGEFORD__1SM_70E27__EM_1N__C1GY9007 |
| 100 W | E40 | 50-88956 | ZANMXFGEFORD__1SM100E40__EM_1N__C1GY9007 |
| 150 W | E40 | 50-88960 | ZANMXFGEFORD__1SM150E40__EM_1N__C1GY9007 |
| 250 W | E40 | 50-88964 | ZANMXFGEFORD__1S0250E40__EM_1N__C1GY9007 |
| 400 W | E40 | 50-88970 | ZANMXFGEFORD__1S0400E40__EM_1N__C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of reflector from RD_ to CT_ (City, only model MXF)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |
| 400 W | + | + | + | - | - | - | - | - | - | + |
| 600 W | + | + | + | - | - | - | - | - | - | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from GY9007 to GY9006

Colour change from GY9007 to other Simon Lighting colours model LXF

Colour change from GY9007 to other RAL Classic Chart colours model LXF

Colour change from GY9007 to GY9006

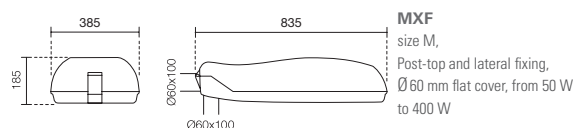
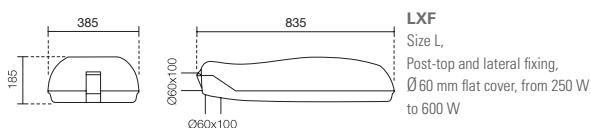
Colour change from GY9006 to other Simon Lighting colours (model MXF)

Colour change from GY9006 to other RAL Classic Chart colours (model MXF)

* Confirm configuration restrictions and lamp type in the general catalogue.


** Custom product. Confirm minimum order quantity.

DIMENSIONS



- High turnover
- N New
- E While stocks last

ACCESSORIES AND SPARES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|------------|--|
|  | 50-88540 | Ø76 Bracket fixing accessory |
|  | 50-71235 | Pole fixing adapter for Zaniah model MXF |
|  | 50-71244 | Pole fixing adapter for Zaniah model LXF |
|  | 50-73178 | Zaniah LXF luminaire cover in BE1015 finish |
|  | 50-73177 | Zaniah LXF luminaire cover in GY9007 finish |
|  | 50-73163 | Glass for model MXF, including RD reflector to maintain seal |

ZANIAH HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|---|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 50 W | 50-94770 | ZANMXFGTFORD__1SM_50E27__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 50 W | 50-88883 | ZANMXFGTFORD__1SM_50E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 50 W | 50-88884 | ZANMXFGTFORD__1SM_50E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-94769 | ZANMXFGTFORD__1SM_70E27__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 70 W | 50-94525 | ZANMXFGTFORD__1SM_70E27__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 70 W | 50-88902 | ZANMXFGTFORD__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-90061 | ZANMXFGTFORD__1SO_70E27__EM_2N-__C1GY9006 | 2N-__ | GY9006 |
| 70 W | 50-88952 | ZANMXFGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-88954 | ZANMXFGTFORD__1SO_70E27__EM_2N+__C1GY9007 | 2N+__ | GY9007 |
| 100 W | 50-94589 | ZANMXFGTFORD__1SM100E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 100 W | 50-94896 | ZANMXFGTFORD__1SO100E40__EM_2N+__C1BKCLAS | 2N+__ | BKCLAS |
| 100 W | 50-94885 | ZANMXFGTFORD__1SM100E40__EM_1N__C1GN6009 | 1N__ | GN6009 |
| 100 W | 50-88906 | ZANMXFGTFORD__1SM100E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 100 W | 50-89863 | ZANMXFGTFORD__1SO100E40__EM_2N-__C1GY9006 | 2N-__ | GY9006 |
| 100 W | 50-88908 | ZANMXFGTFORD__1SO100E40__EM_2N+__C1GY9006 | 2N+__ | GY9006 |
| 100 W | 50-88956 | ZANMXFGTFORD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-89930 | ZANMXFGTFORD__1SO100E40__EM_2N-__C1GY9007 | 2N-__ | GY9007 |
| 100 W | 50-88958 | ZANMXFGTFORD__1SO100E40__EM_2N+__C1GY9007 | 2N+__ | GY9007 |
| 150 W | 50-88410 | ZANLXFGTFORD__1SM150E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 150 W | 50-94580 | ZANMXFGTFORD__1SM150E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 150 W | 50-94889 | ZANMXFGTFORD__1SM150E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 150 W | 50-94403 | ZANMXFGTFORD__1SM150E40__EM_1N__C1BL5003 | 1N__ | BL5003 |
| 150 W | 50-94318 | ZANMXFGTFORD__1SO150E40__EM_2N+__C1BL5003 | 2N+__ | BL5003 |
| 150 W | 50-94394 | ZANMXFGTFORD__1SM150E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 150 W | 50-94790 | ZANMXFGTFORD__1SM150E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 150 W | 50-94467 | ZANMXFGTFORD__1SO150E40__EM_2N+__C1BL5026 | 2N+__ | BL5026 |
| 150 W | 50-94574 | ZANMXFGTFORD__1SM150E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 150 W | 50-94423 | ZANMXFGTFORD__1SM150E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-94410 | ZANMXFGTFORD__1SO150E40__EM_2N+__C1DGCLAS | 2N+__ | DGCLAS |
| 150 W | 50-94708 | ZANMXFGTFORD__1SM150E40__EM_1N__C1GY7035 | 1N__ | GY7035 |
| 150 W | 50-88910 | ZANMXFGTFORD__1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-89517 | ZANMXFGTFORD__1SO150E40__EM_2N-__C1GY9006 | 2N-__ | GY9006 |
| 150 W | 50-89639 | ZANMXFGTFORD__1SO150E40__EM_2N-__C1GY9006 | 2N-__ | GY9006 |
| 150 W | 50-90062 | ZANMXFGTFORD__1SO150E27__EM_2N-__C1GY9006 | 2N-__ | GY9006 |
| 150 W | 50-88912 | ZANMXFGTFORD__1SO150E40__EM_2N+__C1GY9006 | 2N+__ | GY9006 |
| 150 W | 50-88239 | ZANMXFGTFORD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-88960 | ZANMXFGTFORD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-89922 | ZANMXFGTFORD__1SO150E40__EM_2N-__C1GY9007 | 2N-__ | GY9007 |
| 150 W | 50-88962 | ZANMXFGTFORD__1SO150E40__EM_2N+__C1GY9007 | 2N+__ | GY9007 |
| 150 W | 50-94772 | ZANMXFGTFORD__1SO150E40__EM_2N+__C1RD3000 | 2N+__ | RD3000 |
| 150 W | 50-94428 | ZANMXFGTFORD__1SM150E40__EM_1N__C1RD3003 | 1N__ | RD3003 |
| 250 W | 50-88403 | ZANLXFGTFORD__1SO250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-94591 | ZANMXFGTFORD__1SO250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-94342 | ZANMXFGTFORD__1SO250E40__EM_1N__C1BL5003 | 1N__ | BL5003 |

- High turnover
- N New
- E While stocks last

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 250 W | 50-94657 | ZANMXFGTFORD__1S0250E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |
| 250 W | 50-94119 | ZANMXFGTFORD__1S0250E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 250 W | 50-94466 | ZANMXFGTFORD__1S0250E40__EM_2N+_C1BL5026 | 2N+_ | BL5026 |
| 250 W | 50-94617 | ZANMXFGTFORD__1S0250E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 250 W | 50-88303 | ZANLXFGTFORD__1S0250E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 250 W | 50-88323 | ZANLXFGTLORD__1S0250E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 250 W | 50-88914 | ZANMXFGTFORD__1S0250E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 250 W | 50-89632 | ZANMXFGTFORD__1S0250E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 250 W | 50-88328 | ZANLXFGTLORD__1S0250E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 250 W | 50-88916 | ZANMXFGTFORD__1S0250E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 250 W | 50-88203 | ZANLXFGTFORD__1S0250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-88319 | ZANMXFGTFOCT__1S0250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-88964 | ZANMXFGTFORD__1S0250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-89838 | ZANMXFGTFORD__1S0250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-88208 | ZANLXFGTFORD__1S0250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-88966 | ZANMXFGTFORD__1S0250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-94573 | ZANMXFGTFORD__1S0250E40__EM_1N__C1RD3003 | 1N__ | RD3003 |
| 400 W | 50-94614 | ZANLXFGTFORD__1S0400E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 400 W | 50-88304 | ZANLXFGTFORD__1S0400E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 400 W | 50-88920 | ZANMXFGTFORD__1S0400E40__EM_1N__C1GY9006 | 1N__ | GY9006 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class II | | | | |
| 70 W | 50-88930 | ZANMXFGTFORD__1SM_70E27__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 70 W | 50-88980 | ZANMXFGTFORD__1SM_70E27__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 100 W | 50-88934 | ZANMXFGTFORD__1SM100E40__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 100 W | 50-89920 | ZANMXFGTFORD__1S0100E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 100 W | 50-88984 | ZANMXFGTFORD__1SM100E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 100 W | 50-88986 | ZANMXFGTFORD__1S0100E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 100 W | 50-90005 | ZANMXFGTFOCT__1S0100E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 150 W | 50-94221 | ZANMXFGTFORD__1S0150E40__EM_2N+_C2GY7035 | 2N+_ | GY7035 |
| 150 W | 50-88938 | ZANMXFGTFORD__1SM150E40__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 150 W | 50-89528 | ZANMXFGTFORD__1S0150E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 150 W | 50-88940 | ZANMXFGTFORD__1S0150E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 150 W | 50-88988 | ZANMXFGTFORD__1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 150 W | 50-88990 | ZANMXFGTFORD__1S0150E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 250 W | 50-88942 | ZANMXFGTFORD__1S0250E40__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 250 W | 50-88944 | ZANMXFGTFORD__1S0250E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 250 W | 50-88213 | ZANLXFGTFORD__1S0250E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 250 W | 50-88992 | ZANMXFGTFORD__1S0250E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 250 W | 50-88994 | ZANMXFGTFORD__1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 250 W | 50-90006 | ZANMXFGTFOCT__1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 250 W | 50-90399 | ZANMXFGTFORD__1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 400 W | 50-88314 | ZANLXFGTFORD__1S0400E40__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 400 W | 50-88317 | ZANLXFGTFORD__1S0400E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 400 W | 50-88237 | ZANLXFGTLORD__1S0400E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Electronic Control Gear (EL) - Class I | | | | |
| 100 W | 50-90162 | ZANMXFGTFORD__1S0100E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-90078 | ZANMXFGTFORD__1S0150E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-90088 | ZANMXFGTFORD__1MH150E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Electromagnetic Control Gear at 60 Hz (EG) - Class I | | | | |
| 150 W | 50-90605 | ZANMXFGTFORD__1SM150E40__EG_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-90389 | ZANMXFGTFORD__1S0250E40__EG_1N__C1GY9007 | 1N__ | GY9007 |

VEGA HID

Functional HID luminaire
street light

Simon VEGA HID luminaire, model M, lateral and post-top fixing, flat cover, flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 for the optical group, IP44 for gear holder receptacle and IK09. Built in self-levelling device. Standard finish in Simon GYTECH Colour. Power and lamp socket according to configuration table.



MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 35 W | G12 | 50-90410 | VEGMXFGTFORD__1MH_35G12__EM_1N__C1GYTECH |
| 50 W | E27 | ● 50-86445 | VEGMXFGTFORD__1SM_50E27__EM_1N__C1GYTECH |
| 70 W | E27 | ● 50-86446 | VEGMXFGTFORD__1SM_70E27__EM_1N__C1GYTECH |
| 100 W | E40 | ● 50-86447 | VEGMXFGTFORD__1SM100E40__EM_1N__C1GYTECH |
| 150 W | E40 | ● 50-86448 | VEGMXFGTFORD__1SM150E40__EM_1N__C1GYTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 35 W | + | - | - | - | - | - | - | - | - | + |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

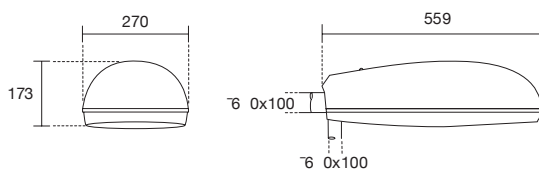
Colour change from for top cover, GYTECH to other Simon Lighting colours

Colour change from for top cover, GYTECH to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

DIMENSIONS



ACCESSORIES AND SPARES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|------------|-------------------------------|
| 50-88540 | Ø 76 Bracket fixing accessory |
| 5-531784 | Ø 48 Bracket fixing accessory |
| 5-531785 | Ø 42 Bracket fixing accessory |
| 5-531818 | Ø 34 Bracket fixing accessory |

- High turnover
- N New
- E While stocks last

VEGA HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|---|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 50 W | 50-90170 | VEGMXFGTFORD__1MH_50E27__EM_2N-_C1GYTECH | 2N_ | GYTECH |
| 100 W | 50-94852 | VEGMXFGTFORD__1SM100E40__EM_1N__C1BE1015 | 1N_ | BE1015 |
| 100 W | 50-90155 | VEGMXFGTFORD__1SO100E40__EM_2N-_C1GYTECH | 2N_ | GYTECH |
| 100 W | 50-90287 | VEGMXFGTFORD__1MH100E40__EM_2N-_C1GYTECH | 2N_ | GYTECH |
| 100 W | 50-86451 | VEGMXFGTFORD__1SO100E40__EM_2N+_C1GYTECH | 2N+ | GYTECH |
| 150 W | 50-90149 | VEGMXFGTFORD__1SO150E40__EM_2N-_C1GYTECH | 2N_ | GYTECH |
| 150 W | 50-86452 | VEGMXFGTFORD__1SO150E40__EM_2N+_C1GYTECH | 2N+ | GYTECH |
| Electromagnetic Control Gear (EM) - Class II | | | | |
| 50 W | 50-90020 | VEGMXFGTFORD__1SM_50E27__EM_1N__C2GYTECH | 1N_ | GYTECH |
| 70 W | ● 50-86455 | VEGMXFGTFORD__1SM_70E27__EM_1N__C2GYTECH | 1N_ | GYTECH |
| 70 W | 50-90016 | VEGMXFGTFORD__1SO_70E27__EM_2N-_C2GYTECH | 2N_ | GYTECH |
| 100 W | ● 50-86456 | VEGMXFGTFORD__1SM100E40__EM_1N__C2GYTECH | 1N_ | GYTECH |
| 100 W | 50-90110 | VEGMXFGTFORD__1SO100E40__EM_2N-_C2GYTECH | 2N_ | GYTECH |
| 100 W | 50-86459 | VEGMXFGTFORD__1SO100E40__EM_2N+_C2GYTECH | 2N+ | GYTECH |
| 150 W | 50-86457 | VEGMXFGTFORD__1SM150E40__EM_1N__C2GYTECH | 1N_ | GYTECH |
| 150 W | 50-90260 | VEGMXFGTFORD__1SO150E40__EM_2N+_C2GYTECH | 2N+ | GYTECH |
| Electronic Control Gear (EL) - Class I | | | | |
| 70 W | 50-90612 | VEGMXFGTFORD__1SO_70E27__EL_2N-_C1GYTECH | 2N_ | GYTECH |
| 70 W | 50-90240 | VEGMXFGTFORD__1SM_70E27__EL_1N__C2GYTECH | 1N_ | GYTECH |
| 70 W | 50-90450 | VEGMXFGTFORD__1MH_70E27__EL_1N__C2GYTECH | 1N_ | GYTECH |

AP1 HID

Simon AP1 HID luminaire, model L, lateral and post-top fixing, flat cover, flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 for the optical group, IP44 for gear holder receptacle and IK09. Standard finish in Simon BE1015 Colour. Power and lamp socket according to configuration table.



LXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 150 W | E40 | 50-89779 | AP1LXFGTBORD__1SM150E40__EM_1N__C1BE1015 |
| 250 W | E40 | 50-86025 | AP1LXFGTBORD__1SO250E40__EM_1N__C1BE1015 |
| 400 W | E40 | 50-86026 | AP1LXFGTBORD__1SO400E40__EM_1N__C1BE1015 |

Simon AP1 HID luminaire, model L, lateral and post-top fixing, flat cover, flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 for the optical group, IP44 for gear holder receptacle and IK09. Standard finish in Simon BE1015 Colour. Power and lamp socket according to configuration table.



MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 50 W | E27 | 50-86175 | AP1MXFGTBORD__1SM_50E27__EM_1N__C1BE1015 |
| 70 W | E27 | 50-86176 | AP1MXFGTBORD__1SM_70E27__EM_1N__C1BE1015 |
| 100 W | E40 | 50-86018 | AP1MXFGTBORD__1SM100E40__EM_1N__C1BE1015 |
| 150 W | E40 | 50-86019 | AP1MXFGTBORD__1SM150E40__EM_1N__C1BE1015 |
| 250 W | E40 | 50-86020 | AP1MXFGTBORD__1SO250E40__EM_1N__C1BE1015 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |
| 400 W | + | + | + | - | - | - | - | - | - | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

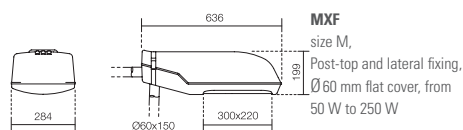
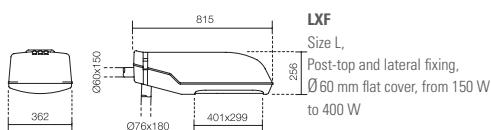
PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from BE1015 polymer to RAL6024 Green

Colour change from BE1015 polymer to RAL5015 Blue

* Confirm configuration restrictions and lamp type in the general catalogue.



ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|------------|---|
| 50-86801 | Ø 60 post top fixing accessory. Model LXF |

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|--------------------------------------|
| 50-70915 | AP1 cover, model MX in BL5015 finish |
| 50-70919 | AP1 cover, model MX in BE1015 finish |
| 50-70921 | AP1 cover, model MX in GN6024 finish |
| 50-70918 | AP1 cover, model LX in BE1015 finish |
| 50-70910 | AP1 cover, model LX in BL5015 finish |
| 50-70920 | AP1 cover, model LX in GN6024 finish |
| 50-73144 | AP1 hinge, model MX |

AP1 HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 70 W | 50-86033 | AP1MXFGTBORD__1S0_70E27__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 100 W | 50-86034 | AP1MXFGTBORD__1S0100E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 100 W | 50-86102 | AP1MXFGTBORD__1SM100E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 100 W | 50-86144 | AP1MXFGTBORD__1SM100E40__EM_1N__C1GN6024 | 1N__ | GN6024 |
| 100 W | 50-90230 | AP1MXFGTBORD__1S0100E40__EM_2N+_C1GN6024 | 2N+_ | GN6024 |
| 125 W | 50-86011 | AP1MXFGTBORD__1QE125E27__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 125 W | 50-86027 | AP1MXFGTBORD__1QE125E27__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 125 W | 50-86095 | AP1MXFGTBORD__1QE125E27__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 125 W | 50-86137 | AP1MXFGTBORD__1QE125E27__EM_1N__C1GN6024 | 1N__ | GN6024 |
| 150 W | 50-87625 | AP1MXFGTBORD__1S0150E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 150 W | 50-86035 | AP1MXFGTBORD__1S0150E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 150 W | 50-89774 | AP1LXFGTBORD__1S0150E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 150 W | 50-89780 | AP1LXFGTBORD__1S0150E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 150 W | 50-86103 | AP1MXFGTBORD__1SM150E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 150 W | 50-86119 | AP1MXFGTBORD__1S0150E40__EM_2N+_C1BL5015 | 2N+_ | BL5015 |
| 150 W | 50-86145 | AP1MXFGTBORD__1SM150E40__EM_1N__C1GN6024 | 1N__ | GN6024 |
| 150 W | 50-86161 | AP1MXFGTBORD__1S0150E40__EM_2N+_C1GN6024 | 2N+_ | GN6024 |
| 250 W | 50-86012 | AP1MXFGTBORD__1QE250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-86021 | AP1LXFGTBORD__1QE250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-86023 | AP1LXFGTBORD__1S0250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-86028 | AP1MXFGTBORD__1QE250E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 250 W | 50-86036 | AP1MXFGTBORD__1S0250E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 250 W | 50-86039 | AP1LXFGTBORD__1S0250E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 250 W | 50-86041 | AP1LXFGTBORD__1S0250E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 250 W | 50-86096 | AP1MXFGTBORD__1QE250E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 250 W | 50-86104 | AP1MXFGTBORD__1S0250E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 250 W | 50-86107 | AP1LXFGTBORD__1S0250E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 250 W | 50-86109 | AP1LXFGTBORD__1S0250E40__EM_1N__C1BL5015 | 1N__ | BL5015 |
| 250 W | 50-86120 | AP1MXFGTBORD__1S0250E40__EM_2N+_C1BL5015 | 2N+_ | BL5015 |
| 250 W | 50-86138 | AP1MXFGTBORD__1QE250E40__EM_1N__C1GN6024 | 1N__ | GN6024 |
| 250 W | 50-86146 | AP1MXFGTBORD__1S0250E40__EM_1N__C1GN6024 | 1N__ | GN6024 |
| 250 W | 50-86151 | AP1LXFGTBORD__1S0250E40__EM_1N__C1GN6024 | 1N__ | GN6024 |
| 250 W | 50-86154 | AP1MXFGTBORD__1QE250E40__EM_2N+_C1GN6024 | 2N+_ | GN6024 |
| 250 W | 50-86162 | AP1MXFGTBORD__1S0250E40__EM_2N+_C1GN6024 | 2N+_ | GN6024 |
| 400 W | 50-86022 | AP1LXFGTBORD__1QE400E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 400 W | 50-86024 | AP1LXFGTBORD__1S0400E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 400 W | 50-86038 | AP1LXFGTBORD__1QE400E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 400 W | 50-86040 | AP1LXFGTBORD__1S0400E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 400 W | 50-86148 | AP1LXFGTBORD__1QE400E40__EM_1N__C1GN6024 | 1N__ | GN6024 |

- High turnover
- N New
- Ⓢ While stocks last

AP1 HID - CUSTOMIZED PROGRAM CODES - CLASS II

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|-----------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class II | | | | |
| 70 W | 50-86220 | AP1MXFGTBORD__1SM_70E27__EM_1N__C2BE1015 | 1N__ | BE1015 |
| 100 W | 50-86271 | AP1MXFGTBORD__1S0100E40__EM_2N+_C2BE1015 | 2N+_ | BE1015 |
| 150 W | 50-86222 | AP1MXFGTBORD__1SM150E40__EM_1N__C2BE1015 | 1N__ | BE1015 |
| 150 W | 50-86276 | AP1MXFGTBORD__1S0150E40__EM_2N+_C2BE1015 | 2N+_ | BE1015 |
| 250 W | 50-86223 | AP1MXFGTBORD__1S0250E40__EM_1N__C2BE1015 | 1N__ | BE1015 |
| 250 W | 50-86224 | AP1LXFGTBORD__1S0250E40__EM_1N__C2BE1015 | 1N__ | BE1015 |
| 250 W | 50-86226 | AP1LXFGTBORD__1S0250E40__EM_1N__C2BE1015 | 1N__ | BE1015 |
| 250 W | 50-90395 | AP1MXFGTBORD__1SM250E40__EM_2N-_C2BE1015 | 2N-_ | BE1015 |
| 250 W | 50-86286 | AP1LXFGTBORD__1S0250E40__EM_2N+_C2BE1015 | 2N+_ | BE1015 |
| 250 W | 50-86291 | AP1MXFGTBORD__1ST250E40__EM_2N+_C2BE1015 | 2N+_ | BE1015 |
| 400 W | 50-86225 | AP1LXFGTBORD__1S0400E40__EM_1N__C2BE1015 | 1N__ | BE1015 |
| 400 W | 50-86227 | AP1LXFGTBORD__1S0400E40__EM_1N__C2BE1015 | 1N__ | BE1015 |
| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
| Electronic Control Gear (EL) - Class I | | | | |
| 150 W | 50-90045 | AP1MXFGTBORD__1SM150E40__EL_1N__C1BE1015 | 1N__ | BE1015 |
| 150 W | 50-90667 | AP1MXFGTBORD__1MH150E40__EL_2N-_C1BE1015 | 2N-_ | BE1015 |
| 400 W | 50-90244 | AP1LXFGTBORD__1MH400E40__EL_2N+_C1BE1015 | 2N+_ | BE1015 |

KUMA RD HID

Decorative lighting point with minimalist design in cylindrical shapes



SS - Stainless Steel

Complete Simon KUMA RD HID lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK10. Standard finish in SS Stainless Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 35 W | G12 | 50-88031 | KUMSPFATC0SRD_1MH_35G12__EM_1N__C1SS__ |
| 50 W | E27 | 50-88032 | KUMSPFATC0SRD_1SM_50E27__EM_1N__C1SS__ |
| 70 W | E27 | 50-88116 | KUMSPFATC0SRD_1SM_70E27__EM_1N__C1SS__ |
| 100 W | G12 | 50-88034 | KUMSPFATC0SRD_1SM100G12__EM_1N__C1SS__ |
| 150 W | G12 | 50-88178 | KUMSPFATC0SRD_1SM150G12__EM_1N__C1SS__ |



AS - Extruded Aluminium

Complete Simon KUMA RD HID lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK10. Standard finish in AS Extruded Aluminium. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 35 W | G12 | 50-88025 | KUMSPFATC0SRD_1MH_35G12__EM_1N__C1AS__ |
| 50 W | E27 | 50-88022 | KUMSPFATC0SRD_1SM_50E27__EM_1N__C1AS__ |
| 70 W | E27 | 50-88120 | KUMSPFATC0SRD_1SM_70E27__EM_1N__C1AS__ |
| 100 W | G12 | 50-88024 | KUMSPFATC0SRD_1SM100G12__EM_1N__C1AS__ |
| 150 W | G12 | 50-88180 | KUMSPFATC0SRD_1SM150G12__EM_1N__C1AS__ |



DGCLAS Painted Galvanised Steel Complete Simon KUMA RD HID lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK10. Standard finish in DGCLAS painted Galvanised Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 35 W | G12 | 50-88026 | KUMSPFATC0SRD_1MH_35G12__EM_1N__C1DGCLAS |
| 50 W | E27 | 50-90120 | KUMSPFATC0SRD_1SM_50E27__EM_1N__C1DGCLAS |
| 70 W | E27 | 50-88118 | KUMSPFATC0SRD_1SM_70E27__EM_1N__C1DGCLAS |
| 100 W | G12 | 50-88028 | KUMSPFATC0SRD_1SM100G12__EM_1N__C1DGCLAS |
| 150 W | G12 | 50-88179 | KUMSPFATC0SRD_1SM150G12__EM_1N__C1DGCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from ATC to ATH (High Resistance Transparent Cylindrical PMMA with 180° louvre grid)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 35 W | + | - | - | - | - | - | - | - | - | + |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from DGCLAS to other Simon Lighting colours
 Colour change from DGCLAS to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

KUMA HID

Decorative lighting point with minimalist design in cylindrical shapes



SS - Stainless Steel

Complete Simon KUMA HID lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, reflector with 21 black slats and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK10. Standard finish in SS Stainless Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|------------|--------|------------|---|
| 2 x 70 W | E27 | 50-88191 | KUMSPFATC021N_2SM_70E27__EM_1N__C1SS__ |
| 4x FSD55 W | 2G11 | 50-88091 | KUMSPFATC021N_4FSD552G11__EM_1N__C1SS__ |



AS - Extruded Aluminium

Complete Simon KUMA HID lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, reflector with 21 black slats and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK10. Standard finish in AS Extruded Aluminium. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|------------|--------|------------|---|
| 2 x 70 W | E27 | 50-86891 | KUMSPFATC021N_2SM_70E27__EM_1N__C1AS__ |
| 4x FSD55 W | 2G11 | 50-88109 | KUMSPFATC021N_4FSD552G11__EM_1N__C1AS__ |



DGCLAS - DGCLAS painted galvanised steel

Complete Simon KUMA HID lighting point, mounting plate and Spanish standard trapdoor, flat cover and transparent cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, reflector with 21 black slats and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK10. Standard finish in DGCLAS painted Galvanised Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|------------|--------|------------|---|
| 2 x 70 W | E27 | 50-88181 | KUMSPFATC021N_2SM_70E27__EM_1N__C1DGCLAS |
| 4x FSD55 W | 2G11 | 50-88073 | KUMSPFATC021N_4FSD552G11__EM_1N__C1DGCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

- Change of reflector from 21N_ to 11L_ (11 slats)
- Change of reflector from 21N_ to 16L_ (16 slats)
- Change of reflector from 21N_ to 16N_ (16 black slats)
- Change of reflector from 21N_ to 21L_ (11 slats)
- Change of reflector from 21N_ to WB_ (Wide)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|--------------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | + |
| 55 W | + | + | + | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |

| | | | |
|-----|---|------|---|
| 1N | No dimming | CAD | Cabinet amplitude dimming (dimming at electrical panel) |
| 2N+ | Dimming with control line | 1-10 | Dimming via 1-10 input protocol |
| 2N- | Dimming without control line (self-dimming) | DALI | Dimming via DALI input protocol |

PRICE INCREASE FOR CHANGE OF:

- Change of electrical protection of the luminaire C2
- Colour change from DGCLAS to other Simon Lighting colours
- Colour change from DGCLAS to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

ACCESSORIES AND SPARES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|------|------------|--|
| | 50-88802 | Decorative ring for base of Stainless Steel post |
| | 50-88803 | Decorative ring for base of Extruded Aluminium post |
| | 50-88801 | Decorative ring for base of galvanised post painted DGCLAS |
| | 50-88058 | Spare diffuser - ARI T transparent PMMA |
| | 50-70912 | Door painted in DGCLAS |
| | 50-70913 | Stainless steel door |
| | 50-70914 | Extruded aluminium door |

- High turnover
- N New
- E While stocks last

KUMA HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|---|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 4x55 W | 50-88111 | KUMSPFATCOL16N4FSD552G11_EM_1N_C1AS | 1N | AS |
| 4x55 W | 50-88074 | KUMSPFATCOL21_4FSD552G11_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 4x55 W | 50-88075 | KUMSPFATCOL16N4FSD552G11_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 4x55 W | 50-88077 | KUMSPFATCOL11_4FSD552G11_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 4x55 W | 50-88078 | KUMSPFATCOWB_4FSD552G11_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 4x55 W | 50-88092 | KUMSPFATCOL21_4FSD552G11_EM_1N_C1SS | 1N | SS |
| 4x55 W | 50-88093 | KUMSPFATCOL11N4FSD552G11_EM_1N_C1SS | 1N | SS |
| 4x55 W | 50-88094 | KUMSPFATCOL11_4FSD552G11_EM_1N_C1SS | 1N | SS |
| 2x80 W | 50-86884 | KUMSPFATCOL16_2QE_80E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x70 W | 50-86893 | KUMSPFATCOL16N2SM_70E27_EM_1N_C1AS | 1N | AS |
| 2x70 W | 50-86894 | KUMSPFATCOL16_2SM_70E27_EM_1N_C1AS | 1N | AS |
| 2x70 W | 50-86896 | KUMSPFATCOL11_2SM_70E27_EM_1N_C1AS | 1N | AS |
| 2x70 W | 50-90111 | KUMSPFATCOL16N2SO_70E27_EM_2N+_C1AS | 2N+ | AS |
| 2x70 W | 50-88182 | KUMSPFATCOL21_2SM_70E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x70 W | 50-88183 | KUMSPFATCOL16N2SM_70E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x70 W | 50-88184 | KUMSPFATCOL16_2SM_70E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x70 W | 50-88186 | KUMSPFATCOL11_2SM_70E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x70 W | 50-88185 | KUMSPFATCOL16_2SO_70E27_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x70 W | 50-88187 | KUMSPFATCOWB_2SO_70E27_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x70 W | 50-88192 | KUMSPFATCOL21_2SM_70E27_EM_1N_C1SS | 1N | SS |
| 2x70 W | 50-88194 | KUMSPFATCOL16N2SM_70E27_EM_1N_C1SS | 1N | SS |
| 2x70 W | 50-88196 | KUMSPFATCOL16_2SM_70E27_EM_1N_C1SS | 1N | SS |
| 2x70 W | 50-88197 | KUMSPFMOCOWB_2SM_70E27_EM_1N_C1SS | 1N | SS |
| 2x70 W | 50-90023 | KUMSPFATCOL21N2SO_70E27_EM_2N+_C1SS | 2N+ | SS |
| 2x125 W | 50-88067 | KUMSPFATCOL21N2QE125E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x125 W | 50-88068 | KUMSPFATCOL21_2QE125E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x125 W | 50-88069 | KUMSPFATCOL16N2QE125E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x125 W | 50-88070 | KUMSPFATCOL16_2QE125E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x125 W | 50-88071 | KUMSPFATCOL11_2QE125E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x125 W | 50-88072 | KUMSPFMOCOWB_2QE125E27_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x125 W | 50-88198 | KUMSPFATCOL16_2QE125E27_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x125 W | 50-88088 | KUMSPFATCOL16_2QE125E27_EM_1N_C1SS | 1N | SS |
| 2x125 W | 50-88089 | KUMSPFATCOL11_2QE125E27_EM_1N_C1SS | 1N | SS |
| 2x100 W | 50-88097 | KUMSPFATCOL21N2SM100E40_EM_1N_C1AS | 1N | AS |
| 2x100 W | 50-88098 | KUMSPFATCOL21_2SM100E40_EM_1N_C1AS | 1N | AS |
| 2x100 W | 50-88099 | KUMSPFATCOL16N2SM100E40_EM_1N_C1AS | 1N | AS |
| 2x100 W | 50-88100 | KUMSPFATCOL16_2SM100E40_EM_1N_C1AS | 1N | AS |
| 2x100 W | 50-88101 | KUMSPFATCOL11_2SM100E40_EM_1N_C1AS | 1N | AS |
| 2x100 W | 50-88102 | KUMSPFMOCOWB_2SM100E40_EM_1N_C1AS | 1N | AS |
| 2x100 W | 50-87924 | KUMSPFATCOL11_2SM100E40_EM_1N_C1BL5003 | 1N | BL5003 |
| 2x100 W | 50-88061 | KUMSPFATCOL21N2SM100E40_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x100 W | 50-88062 | KUMSPFATCOL21_2SM100E40_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x100 W | 50-88063 | KUMSPFATCOL16N2SM100E40_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x100 W | 50-88064 | KUMSPFATCOL16_2SM100E40_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x100 W | 50-88065 | KUMSPFATCOL11_2SM100E40_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x100 W | 50-88066 | KUMSPFMOCOWB_2SM100E40_EM_1N_C1DGCLAS | 1N | DGCLAS |
| 2x100 W | 50-88188 | KUMSPFATCOL16_2SO100E40_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x100 W | 50-89703 | KUMSPFATCOL16N2SO100E40_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x100 W | 50-89705 | KUMSPFATCOL21N2SO100E40_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x100 W | 50-90012 | KUMSPFATCOL11_2SO100E40_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x100 W | 50-90145 | KUMSPFATCOL21_2SO100E40_EM_2N+_C1DGCLAS | 2N+ | DGCLAS |
| 2x100 W | 50-87974 | KUMSPFATCOL11_2SM100E40_EM_1N_C1GN6005 | 1N | GN6005 |
| 2x100 W | 50-89537 | KUMSPFATCOL11_2SM100E40_EM_1N_C1GY9006 | 1N | GY9006 |
| 2x100 W | 50-90108 | KUMSPFATCOL16_2SO100E40_EM_2N+_C1GY9007 | 2N+ | GY9007 |
| 2x100 W | 50-94691 | KUMSPFATCOL16_2SM100E40_EM_1N_C1RDCLAS | 1N | DCLAS |
| 2x100 W | 50-88079 | KUMSPFATCOL21N2SM100E40_EM_1N_C1SS | 1N | SS |
| 2x100 W | 50-88080 | KUMSPFATCOL21_2SM100E40_EM_1N_C1SS | 1N | SS |
| 2x100 W | 50-88081 | KUMSPFATCOL16N2SM100E40_EM_1N_C1SS | 1N | SS |
| 2x100 W | 50-88082 | KUMSPFATCOL16_2SM100E40_EM_1N_C1SS | 1N | SS |
| 2x100 W | 50-88083 | KUMSPFATCOL11_2SM100E40_EM_1N_C1SS | 1N | SS |
| 2x100 W | 50-88084 | KUMSPFMOCOWB_2SM100E40_EM_1N_C1SS | 1N | SS |
| 70 W | 50-88120 | KUMSPFATCOSRD_1SM_70E27_EM_1N_C1AS | 1N | AS |
| 70 W | 50-88117 | KUMSPFATCOSRD_1SM_70G12_EM_1N_C1DGCLAS | 1N | DGCLAS |

ENIF HID

Decorative lighting point with minimalist design in cylindrical shapes

Light points (2.7 m)

SS. Stainless Steel Complete Simon ENIF HID lighting point, mounting plate and standard trapdoor, flat cover and opal cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, extended reflector and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK08. Standard finish in SS Stainless Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-----------------|--------|-----------------|---|
| 2 x 18 W | G13 | 50-88011 | ENFSPFMOC0WB__2FSD18G13__EM_1N__C1SS__ |
| 2 x 36 W | 2G11 | 50-88012 | ENFSPFMOC0WB__2FSD552G11__EM_1N__C1SS__ |

CGCLAS. CGCLAS Painted Galvanised Steel Complete Simon ENIF HID lighting point, mounting plate and standard trapdoor, flat cover and opal cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, extended reflector and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK08. Standard finish in CGCLAS painted Galvanised Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-----------------|--------|-----------------|---|
| 2 x 18 W | G13 | 50-88016 | ENFSPFMOC0WB__2FSD18G13__EM_1N__C1CGCLAS |
| 2 x 36 W | 2G11 | 50-88017 | ENFSPFMOC0WB__2FSD552G11__EM_1N__C1CGCLAS |

DGCLAS. DGCLAS Painted Galvanised Steel Complete Simon ENIF HID lighting point, mounting plate and standard trapdoor, flat cover and opal cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, extended reflector and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK08. Standard finish in DGCLAS painted Galvanised Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-----------------|--------|-----------------|---|
| 2 x 18 W | G13 | 50-88004 | ENFSPFMOC0WB__2FSD18G13__EM_1N__C1DGCLAS |
| 2 x 36 W | 2G11 | 50-88008 | ENFSPFMOC0WB__2FSD552G11__EM_1N__C1DGCLAS |

Wall luminaire

SS. Stainless Steel Simon ENIF HID, wall mounting system, flat cover and opal cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, extended reflector and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK08. Standard finish in SS Stainless Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-----------------|--------|-----------------|---|
| 2 x 18 W | G13 | 50-88010 | ENF_WFMOC0WB__2FSD18G13__EM_1N__C1SS__ |
| 2 x 36 W | 2G11 | 50-88013 | ENF_WFMOC0WB__2FSD552G11__EM_1N__C1SS__ |

CGCLAS. CGCLAS Painted Galvanised Steel Simon ENIF HID, wall mounting system, flat cover and opal cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, extended reflector and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK08. Standard finish in CGCLAS painted Galvanised Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-----------------|--------|-----------------|---|
| 2 x 18 W | G13 | 50-88014 | ENF_WFMOC0WB__2FSD18G13__EM_1N__C1CGCLAS |
| 2 x 36 W | 2G11 | 50-88015 | ENF_WFMOC0WB__2FSD552G11__EM_1N__C1CGCLAS |

DGCLAS. DGCLAS Painted Galvanised Steel Simon ENIF HID, wall mounting system, flat cover and opal cylindrical PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, extended reflector and no dimming. Luminaire Class I, IP54 for the optical group, IP44 for the electrical group and IK08. Standard finish in DGCLAS painted Galvanised Steel. Power and lamp socket according to configuration table.

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-----------------|--------|-----------------|---|
| 2 x 18 W | G13 | 50-88002 | ENF_WFMOC0WB__2FSD18G13__EM_1N__C1DGCLAS |
| 2 x 36 W | 2G11 | 50-88006 | ENF_WFMOC0WB__2FSD362G11__EM_1N__C1DGCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

MODEL_SPF

Colour change from CGCLAS or DGCLAS to other Simon Lighting colours
 Colour change from CGCLAS or DGCLAS to other RAL Classic Chart colours

MODEL_WF

Colour change from CGCLAS or DGCLAS to other Simon Lighting colours
 Colour change from CGCLAS or DGCLAS to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

- High turnover
- N New
- E While stocks last

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|---|
| 50-73213 | ENIF top lid in CGCLAS finish. Including gasket |
| 50-73065 | ENIF top lid in DGCLAS finish. Including gasket |
| 50-73106 | ENIF top lid in SS finish. Including gasket |
| 50-88019 | ENIF CGCLAS model diffuser including gaskets and rings |
| 50-88009 | ENIF DGCLAS + SS model diffuser including seals and rings |
| 50-73069 | Spare ENIF door in DGCLAS finish |
| 50-73189 | Gasket for diffuser, includes 2 units |
| 50-73247 | Shaft for ENIF in DGCLAS finish |

MIZAR HID

Minimalist design decorative HID luminaire with cylindrical shapes

MIZAR HID luminaire, model M, lateral fixing, 3/4" G flat cover, flat transparent glass diffuser with electromagnetic control gear Class I. With no pre-wiring, power supply 230 V ac/50 Hz and road optics. Standard finish in Simon GYTECH colour with decorative ring in BKTECH.



MAF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|---------------------------------------|
| 50 W | E27 | 50-88379 | MIZMAFGTFORD_1SM_50E27_EM_1N_C1GYTECH |
| 70 W | E27 | 50-88388 | MIZMAFGTFORD_1SM_70E27_EM_1N_C1GYTECH |
| 100 W | E40 | 50-88389 | MIZMAFGTFORD_1SM100E40_EM_1N_C1GYTECH |
| 150 W | E40 | 50-88398 | MIZMAFGTFORD_1SM150E40_EM_1N_C1GYTECH |
| 250 W | E40 | 50-88399 | MIZMAFGTFORD_1S0250E40_EM_1N_C1GYTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

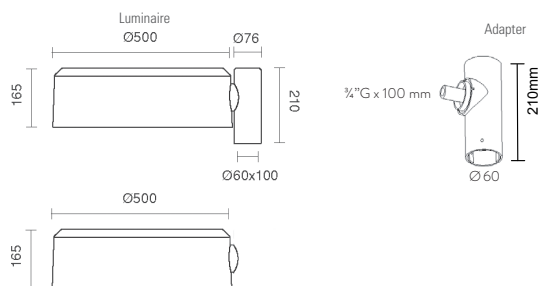
PRICE INCREASE FOR CHANGE OF:

- Change of electrical protection of the luminaire C2
- Colour change from GYTECH to other Simon Lighting colours
- Colour change from GYTECH to other RAL Classic Chart colours


* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|------------|--|
|  | 50-88500 | Adapter for pole post top. Galvanised finish |

- High turnover
- N New
- E While stocks last

ALYA HID luminaire, L model, **lateral fixing**, spherical cover, flat transparent glass diffuser, with Class I electromagnetic gear. No pre-wiring, 230 V ac/50 Hz power supply and road optics. Standard finish in Simon GYDECO colour with decorative ring in BKTECH.

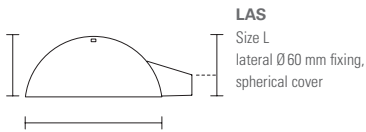


LAS

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|--------------|--------|-----------------|--|
| 50 W | E27 | 50-88339 | ALYLASGTF0RD__1SM_50E27__EM_1N__C1GYDECO |
| 70 W | E27 | 50-88340 | ALYLASGTF0RD__1SM_70E27__EM_1N__C1GYDECO |
| 100 W | E40 | 50-88341 | ALYLASGTF0RD__1SM100E40__EM_1N__C1GYDECO |
| 150 W | E40 | 50-88342 | ALYLASGTF0RD__1SM150E40__EM_1N__C1GYDECO |
| 250 W | E40 | 50-90180 | ALYLASGTF0RD__1SD250E40__EM_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL



HEKA HID

Luminaire with a modern design, suitable for urban lighting applications



HEKA HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|---|---------|--------|
| Model LAS - Electromagnetic Control Gear (EM) Class I | | | | |
| 50 W | 50-94588 | HEKASGTFORD__1SM_50E27__EM_1N__C1BL5003 | 1N__ | BL5003 |
| 50 W | 50-94138 | HEKASGTFORD__1SM_50E27__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 50 W | 50-94298 | HEKASGTFORD__1SM_50E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 50 W | 50-90223 | HEKASGTFORD__1SM_50E27__EM_1N__C1GN6026 | 1N__ | GN6026 |
| 50 W | 50-89773 | HEKASGTFORD__1SM_50E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 50 W | 50-89660 | HEKASGTFORD__1SM_50E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 50 W | 50-90075 | HEKASGTFORD__1SM_50E27__EM_1N__C1RD3003 | 1N__ | RD3003 |
| 50 W | 50-94599 | HEKASGTFORD__1SM_50E27__EM_1N__C1RD3005 | 1N__ | RD3005 |
| 50 W | 50-94544 | HEKASGTFORD__1SM_50E27__EM_1N__C1RD3020 | 1N__ | RD3020 |
| 70 W | 50-94834 | HEKASGTFORD__1SM_70E27__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 70 W | 50-94921 | HEKASGTFORD__1SM_70E27__EM_1N__C1BKTECH | 1N__ | BKTECH |
| 70 W | 50-94701 | HEKASGTFORD__1SM_70E27__EM_1N__C1BL5005 | 1N__ | BL5005 |
| 70 W | 50-89901 | HEKASGTFORD__1SO_70E27__EM_2N__C1CGCLAS | 2N__ | CGCLAS |
| 70 W | 50-88837 | HEKASGTFORD__1SM_70E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-90063 | HEKASGTFORD__1SM_70E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-90147 | HEKASGTFORD__1SO_70E27__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 70 W | 50-90246 | HEKASGTFORD__1SO_70E27__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 70 W | 50-94727 | HEKASGTFORD__1SM_70E27__EM_1N__C1GN6027 | 1N__ | GN6027 |
| 70 W | 50-94761 | HEKASGTFORD__1SM_70E27__EM_1N__C1GY7016 | 1N__ | GY7016 |
| 70 W | 50-88708 | HEKASGTFORD__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-89648 | HEKASGTFORD__1SO_70E27__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 70 W | 50-88718 | HEKASGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-89675 | HEKASGTFORD__1SO_70E27__EM_2N__C1GY9007 | 2N__ | GY9007 |
| 70 W | 50-89963 | HEKASGTFORD__1SO_70E27__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 70 W | 50-94859 | HEKASGTFORD__1SM_70E27__EM_1N__C1WH9001 | 1N__ | WH9001 |
| 100 W | 50-94928 | HEKASGTFORD__1SM100E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 100 W | 50-94594 | HEKASGTFORD__1SO100E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |
| 100 W | 50-94578 | HEKASGTFORD__1SM100E40__EM_1N__C1BL5017 | 1N__ | BL5017 |
| 100 W | 50-94522 | HEKASGTFORD__1SM100E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 100 W | 50-94455 | HEKASGTFORD__1SO100E40__EM_2N+_C1CGCLAS | 2N+_ | CGCLAS |
| 100 W | 50-88838 | HEKASGTFORD__1SM100E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-88839 | HEKASGTFORD__1SO100E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 100 W | 50-94789 | HEKASGTFORD__1SO100E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 100 W | 50-94311 | HEKASGTFORD__1SO100E40__EM_2N+_C1GN6009 | 2N+_ | GN6009 |
| 100 W | 50-94760 | HEKASGTFORD__1SM100E40__EM_1N__C1GY7016 | 1N__ | GY7016 |
| 100 W | 50-94443 | HEKASGTFORD__1SM100E40__EM_1N__C1GY7043 | 1N__ | GY7043 |
| 100 W | 50-94673 | HEKASGTFORD__1SO100E40__EM_2N+_C1GY7043 | 2N+_ | GY7043 |
| 100 W | 50-88700 | HEKASGTFORD__1SM100E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 100 W | 50-88701 | HEKASGTFORD__1SO100E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 100 W | 50-88710 | HEKASGTFORD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-88711 | HEKASGTFORD__1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-88605 | HEKASGTFORD__1SM100E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 100 W | 50-94453 | HEKASGTFORD__1SM100E40__EM_1N__C1RD3004 | 1N__ | RD3004 |
| 100 W | 50-94598 | HEKASGTFORD__1SM100E40__EM_1N__C1RD3005 | 1N__ | RD3005 |
| 100 W | 50-94685 | HEKASGTFORD__1SM100E40__EM_1N__C1WH9016 | 1N__ | WH9016 |
| 125 W | 50-89921 | HEKASGTFORD__1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-94441 | HEKASGTFORD__1SM150E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 150 W | 50-94400 | HEKASGTFORD__1SO150E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 150 W | 50-94600 | HEKASGTFORD__1SM150E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 150 W | 50-94922 | HEKASGTFORD__1SM150E40__EM_1N__C1BKTECH | 1N__ | BKTECH |
| 150 W | 50-94590 | HEKASGTFORD__1SM150E40__EM_1N__C1BL5003 | 1N__ | BL5003 |

- High turnover
- N New
- E While stocks last

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|---|---------|--------|
| Model LAS - Electromagnetic Control Gear (EM) Class I | | | | |
| 150 W | 50-94764 | HEKASGTFORD__1SO150E40__EM_2N+_C1BL5003 | 2N+ | BL5003 |
| 150 W | 50-94700 | HEKASGTFORD__1SM150E40__EM_1N__C1BL5005 | 1N__ | BL5005 |
| 150 W | 50-94404 | HEKASGTFORD__1SM150E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 150 W | 50-94450 | HEKASGTFORD__1SM150E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 150 W | 50-89912 | HEKASGTFORD__1SO150E40__EM_2N__C1CGCLAS | 2N__ | CGCLAS |
| 150 W | 50-94456 | HEKASGTFORD__1SO150E40__EM_2N+_C1CGCLAS | 2N+_ | CGCLAS |
| 150 W | 50-88840 | HEKASGTFORD__1SM150E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-88841 | HEKASGTFORD__1SO150E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-94687 | HEKASGTFORD__1SM150E40__EM_1N__C1GN6009 | 1N__ | GN6009 |
| 150 W | 50-94803 | HEKASGTFORD__1SM150E40__EM_1N__C1GY7016 | 1N__ | GY7016 |
| 150 W | 50-88702 | HEKASGTFORD__1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-88703 | HEKASGTFORD__1SO150E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 150 W | 50-88712 | HEKASGTFORD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-94335 | HEKASGTFORD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-89949 | HEKASGTFORD__1SO150E40__EM_2N__C1GY9007 | 2N__ | GY9007 |
| 150 W | 50-89987 | HEKASGTFORD__1SO150E40__EM_2N__C1GY9007 | 2N__ | GY9007 |
| 150 W | 50-88713 | HEKASGTFORD__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-88606 | HEKASGTFORD__1SM150E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 150 W | 50-94740 | HEKASGTFORD__1SM150E40__EM_1N__C1OR2004 | 1N__ | OR2004 |
| 150 W | 50-90292 | HEKASGTFORD__1MH150E40__EM_2N__C1RD3001 | 2N__ | RD3001 |
| 150 W | 50-94602 | HEKASGTFORD__1SM150E40__EM_1N__C1RD3004 | 1N__ | RD3004 |
| 150 W | 50-94387 | HEKASGTFORD__1SM150E40__EM_1N__C1RD3005 | 1N__ | RD3005 |
| 150 W | 50-94635 | HEKASGTFORD__1SM150E40__EM_1N__C1RD3020 | 1N__ | RD3020 |
| 150 W | 50-94797 | HEKASGTFORD__1SM150E40__EM_1N__C1WH9016 | 1N__ | WH9016 |
| 250 W | 50-94477 | HEKASGTFORD__1SO250E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 250 W | 50-88842 | HEKASGTFORD__1SO250E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 250 W | 50-94518 | HEKASGTFORD__1SO250E40__EM_1N__C1GN6012 | 1N__ | GN6012 |
| 250 W | 50-88704 | HEKASGTFORD__1SO250E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 250 W | 50-88705 | HEKASGTFORD__1SO250E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 250 W | 50-88714 | HEKASGTFORD__1SO250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-90166 | HEKASGTFORD__1SO250E40__EM_2N__C1GY9007 | 2N__ | GY9007 |
| 250 W | 50-88715 | HEKASGTFORD__1SO250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-94742 | HEKASGTFORD__1SO250E40__EM_1N__C1OR2004 | 1N__ | OR2004 |
| 250 W | 50-94601 | HEKASGTFORD__1SO250E40__EM_1N__C1RD3005 | 1N__ | RD3005 |
| 400 W | 50-90248 | HEKASGTFORD__1SO400E40__EM_1-10C1GY9007 | 1-10 | GY9007 |
| 400 W | 50-89985 | HEKASGTFORD__1SO400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|---|---------|--------|
| Model LAS - Electromagnetic Control Gear (EM) Class II | | | | |
| 70 W | 50-94791 | HEKASGTFORD__1SM_70E40__EM_1N__C2DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-88746 | HEKASGTFORD__1SM_70E40__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 70 W | 50-90411 | HEKASGTFORD__1SO_70E27__EM_2N__C2GY9006 | 2N__ | GY9006 |
| 70 W | 50-88756 | HEKASGTFORD__1SM_70E27__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 100 W | 50-94576 | HEKASGTFORD__1SO100E40__EM_2N__C2BL700S | 2N__ | BL700S |
| 100 W | 50-88845 | HEKASGTFORD__1SM100E40__EM_1N__C2DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-90267 | HEKASGTFORD__1SO100E40__EM_2N__C2DGCLAS | 2N__ | DGCLAS |
| 100 W | 50-94542 | HEKASGTFORD__1SO100E40__EM_2N__C2GN6001 | 2N__ | GN6001 |
| 100 W | 50-94627 | HEKASGTFORD__1SM100E40__EM_1N__C2GY7013 | 1N__ | GY7013 |
| 100 W | 50-89505 | HEKASGTFORD__1SO100E40__EM_2N__C2GY7035 | 2N__ | GY7035 |
| 100 W | 50-88740 | HEKASGTFORD__1SM100E40__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 100 W | 50-88741 | HEKASGTFORD__1SO100E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 100 W | 50-88750 | HEKASGTFORD__1SM100E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 100 W | 50-89527 | HEKASGTFORD__1SO100E40__EM_2N__C2GY9007 | 2N__ | GY9007 |
| 100 W | 50-89646 | HEKASGTFORD__1SO100E40__EM_2N__C2GY9007 | 2N__ | GY9007 |
| 100 W | 50-88751 | HEKASGTFORD__1SO100E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 150 W | 50-88847 | HEKASGTFORD__1SM150E40__EM_1N__C2DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-88848 | HEKASGTFORD__1SO150E40__EM_2N+_C2DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-89523 | HEKASGTFORD__1SO150E40__EM_2N__C2GN6001 | 2N__ | GN6001 |
| 150 W | 50-90116 | HEKASGTFORD__1SO150E40__EM_2N__C2GN6001 | 2N__ | GN6001 |
| 150 W | 50-94353 | HEKASGTFORD__1SO150E40__EM_2N+_C2GN6001 | 2N+_ | GN6001 |
| 150 W | 50-94459 | HEKASGTFORD__1SO150E40__EM_2N+_C2GN6012 | 2N+_ | GN6012 |
| 150 W | 50-94626 | HEKASGTFORD__1SM150E40__EM_1N__C2GY7013 | 1N__ | GY7013 |
| 150 W | 50-88742 | HEKASGTFORD__1SM150E40__EM_1N__C2GY9006 | 1N__ | GY9006 |

- High turnover
- N New
- E While stocks last

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LAS - Electromagnetic Control Gear (EM) Class II | | | | |
| 150 W | 50-88743 | HEKLASGTFORD__1S0150E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 150 W | 50-88752 | HEKLASGTFORD__1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 150 W | 50-88753 | HEKLASGTFORD__1S0150E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 250 W | 50-94489 | HEKLASGTFORD__1S0250E40__EM_1N__C2BE1015 | 1N__ | BE1015 |
| 250 W | 50-94609 | HEKLASGTFORD__1S0250E40__EM_2N+_C2BL5026 | 2N+_ | BL5026 |
| 250 W | 50-94577 | HEKLASGTFORD__1S0250E40__EM_1N__C2BL700S | 1N__ | BL700S |
| 250 W | 50-88849 | HEKLASGTFORD__1S0250E40__EM_1N__C2DGCLAS | 1N__ | DGCLAS |
| 250 W | 50-88850 | HEKLASGTFORD__1S0250E40__EM_2N+_C2DGCLAS | 2N+_ | DGCLAS |
| 250 W | 50-88744 | HEKLASGTFORD__1S0250E40__EM_1N__C2GY9006 | 1N__ | GY9006 |
| 250 W | 50-88754 | HEKLASGTFORD__1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 250 W | 50-88755 | HEKLASGTFORD__1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LAS - Electronic Control Gear (EL) Class I | | | | |
| 70 W | 50-90441 | HEKLASGTFORD__1S0_70E27__EL_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 100 W | 50-89605 | HEKLASGTFORD__1S0100E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-89637 | HEKLASGTFORD__1S0100E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-89785 | HEKLASGTFORD__1S0150E40__EL_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-89638 | HEKLASGTFORD__1S0150E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Model LCS - Electromagnetic Control Gear (EM) Class I | | | | |
| 70 W | 50-88869 | HEKLCSGTFORD__1SM_70E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LCS - Electronic Control Gear (EL) Class I | | | | |
| 100 W | 50-88776 | HEKLCSGTFORD__1SM100E40__EL_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-88872 | HEKLCSGTFORD__1SM150E40__EL_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-88873 | HEKLCSGTFORD__1S0150E40__EL_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-88777 | HEKLCSGTFORD__1SM150E40__EL_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-88791 | HEKLCSGTFORD__1S0150E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Model LCS - Electronic Control Gear (EL) Class II | | | | |
| 70 W | 50-94680 | HEKLCSGTFORD__1SM_70E27__EL_1N__C2GNCLAS | 1N__ | GNCLAS |
| 100 W | 50-94648 | HEKLCSGTFORD__1SM100E40__EL_1N__C2GN6009 | 1N__ | GN6009 |
| 150 W | 50-88880 | HEKLCSGTFORD__1S0150E40__EL_2N+_C2DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-88795 | HEKLCSGTFORD__1SM150E40__EL_1N__C2GY9007 | 1N__ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Model LHS - Electromagnetic Control Gear (EM) Class I | | | | |
| 50 W | 50-90387 | HEKLHSGTFORD__1SM_50E27__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 70 W | 50-94651 | HEKLHSGTFORD__1SM_70E27__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 70 W | 50-90071 | HEKLHSGTFORD__1SM_70E27__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 70 W | 50-88820 | HEKLHSGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-89738 | HEKLHSGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-89740 | HEKLHSGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-89739 | HEKLHSGTFORD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-89741 | HEKLHSGTFORD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-94434 | HEKLHSGTFORD__1SM150E40__EM_1N__C1GN6002 | 1N__ | GN6002 |
| 150 W | 50-88732 | HEKLHSGTFORD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-94939 | HEKLHSGTFORD__1SM150E40__EM_1N__C1WH9010 | 1N__ | WH9010 |
| 250 W | 50-94645 | HEKLHSGTFORD__1S0250E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LHS - Electromagnetic Control Gear (EM) Class II | | | | |
| 100 W | 50-94647 | HEKLHSGTFORD__1SM100E40__EM_1N__C2GN6009 | 1N__ | GN6009 |

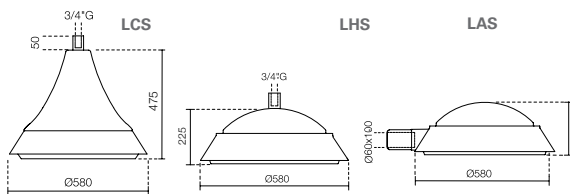
| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LHS - Electronic Control Gear (EL) Class I | | | | |
| 70 W | 50-90716 | HEKLHSGTFORD__1S0_70E27__EL_1N__C1BKTECH | 1N__ | BKTECH |
| 70 W | 50-88853 | HEKLHSGTFORD__1SM_70E27__EL_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-88819 | HEKLHSGTFORD__1SM_70E27__EL_1N__C1GY9006 | 1N__ | GY9006 |
| 100 W | 50-90717 | HEKLHSGTFORD__1S0100E40__EL_1N__C1BKTECH | 1N__ | BKTECH |

- High turnover
- N New
- E While stocks last

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LHS - Electronic Control Gear (EL) Class I | | | | |
| 100 W | 50-94732 | HEKLHSGTFORD__1SM100E40__EL_1N__C1BL5015 | 1N__ | BL5015 |
| 100 W | 50-88855 | HEKLHSGTFORD__1SO100E40__EL_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 100 W | 50-88720 | HEKLHSGTFORD__1SM100E40__EL_1N__C1GY9006 | 1N__ | GY9006 |
| 100 W | 50-90001 | HEKLHSGTFORD__1SO100E40__EL_2N+_C1GY9006 | 2N+_ | GY9006 |
| 100 W | 50-88730 | HEKLHSGTFORD__1SM100E40__EL_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-88731 | HEKLHSGTFORD__1SO100E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-88856 | HEKLHSGTFORD__1SM150E40__EL_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-88857 | HEKLHSGTFORD__1SO150E40__EL_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-88722 | HEKLHSGTFORD__1SM150E40__EL_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-88733 | HEKLHSGTFORD__1SO150E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Model LHS - Electronic Control Gear (EL) Class II | | | | |
| 50 W | 50-90219 | HEKLHSGTFORD__1SM_50E27__EL_1N__C2DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-88860 | HEKLHSGTFORD__1SM_70E27__EL_1N__C2DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-88861 | HEKLHSGTFORD__1SM100E40__EL_1N__C2DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-88760 | HEKLHSGTFORD__1SM100E40__EL_1N__C2GY9006 | 1N__ | GY9006 |
| 100 W | 50-88770 | HEKLHSGTFORD__1SM100E40__EL_1N__C2GY9007 | 1N__ | GY9007 |
| 250 W | 50-88866 | HEKLHSGTFORD__1SO250E40__EL_2N+_C2DGCLAS | 2N+_ | DGCLAS |

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| FINISH | ORDER CODE | DESCRIPTION |
|--------|------------|---|
| GY9007 | 50-33953 | Arm with backward inclination for pole coupling * |
| GY9006 | 50-33963 | |
| DGCLAS | 50-33973 | |
| GY9007 | 50-33952 | Arm with forward inclination for pole coupling * |
| GY9006 | 50-33962 | |
| DGCLAS | 50-33972 | |
| | | Arm with dual fixing for pole coupling * |
| | | Consult HEKA luminaire associated with the assembly |

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|--------------------------------|
| 50-73253 | Heka LA cover in GY9006 finish |
| 50-73028 | Heka LH cover in GY9007 finish |
| 5-533150 | Wall arm in GYDECO finish |

SPICA HID

Minimalist design decorative HID luminaire with lenticular shapes

Simon SPICA HID luminaire, model M, lateral fixing, spherical cover and curved sanded PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 Vac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP54 and IK04. Standard finish in Simon GY9007 colour. Power and lamp socket according to configuration table.



MAS

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 50 W | E27 | 50-86685 | SPCMASMSB0RD__1SM_50E27__EM_1N__C1GY9007 |
| 70 W | E27 | 50-86686 | SPCMASMSB0RD__1SM_70E27__EM_1N__C1GY9007 |
| 100 W | E40 | 50-86688 | SPCMASMSB0RD__1SM100E40__EM_1N__C1GY9007 |
| 150 W | E40 | 50-86690 | SPCMASMSB0RD__1SM150E40__EM_1N__C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from MSB to MPB (Curved Prismatic PMMA)

Change of reflector from RD_ to WB_ (Only model MPB)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

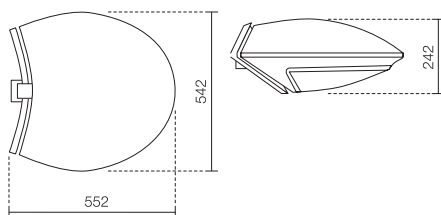
Change of electrical protection of the luminaire C2

Change of colour from GY9007 to other Simon Lighting colours


Colour change from GY9007 to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | Ø mm | FINISH | ORDER CODE | DESCRIPTION |
|---|------------|--------|------------|--|
|  | 73 to 112 | GY9007 | 50-86806 | Pole adapter clamp (Pole mounting with adapter clamp) |
| | 113 to 154 | GY9007 | 50-86807 | |
|  | 60 | GY9007 | 50-86808 | Wall adapter arm (Wall mounting with adapter arm) |
| | | | 50-73059 | PMMA diffuser Curved Sanded |
| | | | 50-73244 | Closure in GY9007 |

- High turnover
- N New
- E While stocks last

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|-----------------------|
| 50-70941 | ZZ_SPI_RD_COVERGY9007 |
| 50-70967 | ZZ_SPI_WB_COVERGY9007 |

SPICA HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 50 W | 50-89768 | SPCMASMPBOWB__1SM_50E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-94551 | SPCMASMPBOWB__1SM_70E27__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 70 W | 50-94679 | SPCMASMSBORD__1SM_70E27__EM_1N__C1BL5003 | 1N__ | BL5003 |
| 70 W | 50-86657 | SPCMASMPBOWB__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-94796 | SPCMASMPBOWB__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-86630 | SPCMASMPBOWB__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-87916 | SPCMASMPBOWB__1SO_70E27__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 70 W | 50-89786 | SPCMASMSBORD__1SO_70E27__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 70 W | 50-94718 | SPCMASMPBOWB__1SM_70E27__EM_1N__C1RD3011 | 1N__ | RD3011 |
| 100 W | 50-94325 | SPCMASMSBORD__1SO100E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |
| 100 W | 50-94672 | SPCMASMPBOWB__1SM100E40__EM_1N__C1BL5013 | 1N__ | BL5013 |
| 100 W | 50-94503 | SPCMASMPBOWB__1SM100E40__EM_1N__C1BL5017 | 1N__ | BL5017 |
| 100 W | 50-94497 | SPCMASMSBORD__1SM100E40__EM_1N__C1BW8015 | 1N__ | BW8015 |
| 100 W | 50-94571 | SPCMASMSBORD__1SM100E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-86640 | SPCMASMPBOWB__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-89489 | SPCMASMPBOWB__1SO100E40__EM_2N-_C1GY9007 | 2N-_ | GY9007 |
| 100 W | 50-89770 | SPCMASMSBORD__1SO100E40__EM_2N-_C1GY9007 | 2N-_ | GY9007 |
| 100 W | 50-86641 | SPCMASMPBOWB__1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-86689 | SPCMASMSBORD__1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-94321 | SPCMASMSBORD__1SO100E40__EM_2N+_C1RD3003 | 2N+_ | RD3003 |
| 100 W | 50-94528 | SPCMASMPBOWB__1SM100E40__EM_1N__C1WH9016 | 1N__ | WH9016 |
| 125 W | 50-86654 | SPCMASMPBOWB__1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 125 W | 50-86698 | SPCMASMSBORD__1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 125 W | 50-86699 | SPCMASMSBORD__1QE125E27__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-94402 | SPCMASMSBORD__1SO150E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |
| 150 W | 50-94618 | SPCMASMSBORD__1SO150E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-86642 | SPCMASMPBOWB__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-86649 | SPCMASMPBOWB__1MH150E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-86645 | SPCMASMPBOWB__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-86696 | SPCMASMSBORD__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-94529 | SPCMASMPBOWB__1SM150E40__EM_1N__C1WH9016 | 1N__ | WH9016 |
| Electromagnetic Control Gear (EM) - Class II | | | | |
| 70 W | 50-94720 | SPCMASMPBOWB__1SM_70E27__EM_1N__C2CGCLAS | 1N__ | CGCLAS |
| 70 W | 50-86659 | SPCMASMPBOWB__1SM_70E27__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 100 W | 50-86660 | SPCMASMPBOWB__1SM100E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 150 W | 50-86679 | SPCMASMPBOWB__1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |

ATIK HID

Decorative HID luminaire with conical shapes

Simon ATIK HID luminaire, model M, post-top fixing, spherical cover, flat, transparent, high impact resistance PMMA diffuser. With 5 m of pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP65 and IK09. Standard finish in Simon GYDECO Colour. Power and lamp socket according to configuration table.

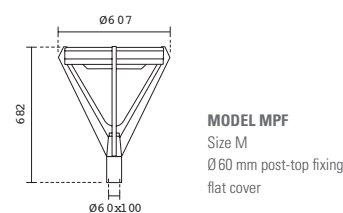
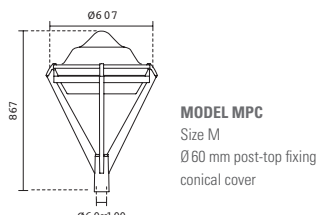
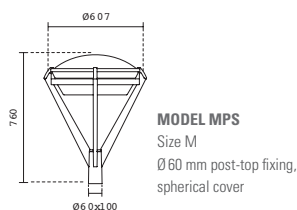


MPS

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 50 W | E27 | 50-85832 | ATKMPSATF5RD__1SM_50E27__EM_1N__C1GYDECO |
| 70 W | E27 | 50-85833 | ATKMPSATF5RD__1SM_70E27__EM_1N__C1GYDECO |
| 100 W | E40 | 50-85834 | ATKMPSATF5RD__1SM100E40__EM_1N__C1GYDECO |
| 150 W | E40 | 50-85836 | ATKMPSATF5RD__1SM150E40__EM_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL



+

+

+

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from ATF to ATB (Transparent Conical High Resistance PMMA)
Change of diffuser from ATF to POB (Conical Opal Polymer)

Change of reflector from RD_ to LAR_ (Anti-reflective slats)
Change of reflector from RD_ to WB_ (Wide)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from GYDECO to GY9007
Colour change from GYDECO to other Simon Lighting colours
Colour change from GYDECO to other RAL Classic Chart colours





* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

RELATIONSHIP BETWEEN PREVIOUS NAME AND CURRENT NAME

| | | |
|---|---|--|
| ATIK DC -RC- | ATIK DC -SC- | ATIK DC -RC- |
|  CURRENT NAME MPC ATB 5 RD |  CURRENT NAME MPC ATB 5 LAR |  CURRENT NAME MPC ATF 5 RD |
| ATIK DC -RF- | ATIK DC -SF- | ATIK DC -OF- |
|  CURRENT NAME MPF ATB 5 RD |  CURRENT NAME MPF ATB 5 LAR |  CURRENT NAME MPF POB 5 WB |
| ATIK DC -SV- | ATIK DC -OV- | ATIK DC -RV |
|  CURRENT NAME MPS ATB 5 LAR |  CURRENT NAME MPS POB 5 WB |  CURRENT NAME MPS ATB 5 RD |

ACCESSORIES AND SPARES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|------------|---|
|  | 50-70899 | Conical Opal Polymer (POB) diffuser. Including gasket |
|  | 50-70898 | Conical transparent high resistance PMMA diffuser (ATB). Including gasket |
|  | 50-73297 | Flat transparent high resistance PMMA diffuser. (ATF). Including gasket |
|  | 50-73125 | Gasket |

ATIK HID - CUSTOMIZED PROGRAM CODES

| POWER | CODE | DESCRIPTION | DIMMING | FINISH |
|---|----------|--|---------|--------|
| Model MPC - Electromagnetic Control Gear (EM) Class I | | | | |
| 70 W | 50-94515 | ATKMPCATB5LAR_1SM_70E27__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 70 W | 50-85632 | ATKMPCATB5RD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-85714 | ATKMPCATB5LAR_1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 80 W | 50-94424 | ATKMPCATB5LAR_1QE_80E27__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 80 W | 50-85853 | ATKMPCATB5LAR_1QE_80E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-94452 | ATKMPCATB5LAR_1SM100E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-89560 | ATKMPCATB5LAR_1SO100E40__EM_2N__C1DGCLAS | 2N__ | DGCLAS |
| 100 W | 50-94073 | ATKMPCATB5RD__1SO100E40__EM_2N__C1GY7035 | 2N__ | GY7035 |
| 100 W | 50-85715 | ATKMPCATB5LAR_1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-94252 | ATKMPCATB5LAR_1SO100E40__EM_2N__C1GY9007 | 2N__ | GY9007 |
| 100 W | 50-85634 | ATKMPCATB5RD__1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-85716 | ATKMPCATB5LAR_1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-85862 | ATKMPCATB5LAR_1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 125 W | 50-85855 | ATKMPCATB5LAR_1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 125 W | 50-85644 | ATKMPCPOB5WB__1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-94552 | ATKMPCATB5LAR_1SM150E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 150 W | 50-87969 | ATKMPCATB5LAR_1SO150E40__EM_2N+_C1DGCLAS | 2N+_ | CGCLAS |
| 150 W | 50-94568 | ATKMPCATB5LAR_1SM150E40__EM_1N__C1GY7035 | 1N__ | GY7035 |
| 150 W | 50-85635 | ATKMPCATB5RD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-85717 | ATKMPCATB5LAR_1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-85718 | ATKMPCATB5LAR_1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-94667 | ATKMPCATB5RD__1SO150E40__EM_2N__C1WH9010 | 2N__ | WH9010 |
| 150 W | 50-85648 | ATKMPCPOB5WB__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |

- High turnover
- N New
- E While stocks last

| POWER | CODE | DESCRIPTION | DIMMING | FINISH |
|---|----------|--|---------|--------|
| Model MPC - Electromagnetic Control Gear (EM) Class I | | | | |
| 250 W | 50-85637 | ATKMPCATB5RD__1SM250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-85692 | ATKMPCATB5RD__1QE250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |

| POWER | CODE | DESCRIPTION | DIMMING | FINISH |
|--|----------|--|---------|--------|
| Model MPC - Electromagnetic Control Gear (EM) Class II | | | | |
| 100 W | 50-89469 | ATKMPCATB5LAR_1SO100E40__EM_2N-_C2BK9005 | 2N-_ | BK9005 |
| 100 W | 50-89737 | ATKMPCATB5RD__1SO100E40__EM_2N-_C2BK9005 | 2N-_ | BK9005 |
| 100 W | 50-94310 | ATKMPCATB5RD__1SM100E40__EM_1N__C2DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-89633 | ATKMPCATB5LAR_1SO100E40__EM_2N-_C2GN6001 | 2N-_ | GN6001 |
| 100 W | 50-89069 | ATKMPCATB5RD__1SM100E40__EM_1N__C2GY7032 | 1N__ | GY7032 |
| 100 W | 50-89470 | ATKMPCATB5LAR_1SO100E40__EM_2N-_C2GY7035 | 2N-_ | GY7035 |
| 100 W | 50-85860 | ATKMPCATB5LAR_1SM100E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 100 W | 50-94547 | ATKMPCATB5LAR_1SO100E40__EM_2N-_C2WH9003 | 2N-_ | WH9003 |
| 125 W | 50-89697 | ATKMPCATB5LAR_1QE125E27__EM_1N__C2GN6005 | 1N__ | GN6005 |
| 150 W | 50-94191 | ATKMPCATB5LAR_1SM150E40__EM_1N__C2GN6005 | 1N__ | GN6005 |
| 150 W | 50-85695 | ATKMPCATB5RD__1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 150 W | 50-85863 | ATKMPCATB5LAR_1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 150 W | 50-94782 | ATKMPCPOB5WB__1SM150E40__EM_2N+_C2GY9006 | 2N+_ | GY9006 |
| 150 W | 50-85890 | ATKMPCPOB5WB__1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |

| POWER | CODE | DESCRIPTION | DIMMING | FINISH |
|--|----------|--|---------|--------|
| Model MPC - Electronic Control Gear (EL) Class I | | | | |
| 70 W | 50-90161 | ATKMPCATB5RD__1SO_70E27__EL_2N-_C1GY9007 | 2N-_ | GY9007 |
| 150 W | 50-90685 | ATKMPCATB5LAR_1SO150E40__EL_1N__C1BKCLAS | 1N__ | BKCLAS |
| 150 W | 50-90645 | ATKMPCATB5LAR_1MH150E40__EL_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-90517 | ATKMPCATB5LAR_1SO150E40__EL_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-89846 | ATKMPCATB5RD__1SO150E40__EL_2N+_C1GY9007 | 2N+_ | GY9007 |

| POWER | CODE | DESCRIPTION | DIMMING | FINISH |
|---|----------|--|---------|--------|
| Model MPC - Electronic Control Gear (EL) Class II | | | | |
| 100 W | 50-89849 | ATKMPCATB5RD__1SO100E40__EL_2N-_C2GN6001 | 2N-_ | GN6001 |
| 100 W | 50-90114 | ATKMPCATB5LAR_1SO100E40__EL_2N-_C2GN6001 | 2N-_ | GN6001 |
| 100 W | 50-90113 | ATKMPCATB5RD__1SO100E40__EL_2N+_C2GN6001 | 2N+_ | GN6001 |

| POWER | CODE | DESCRIPTION | DIMMING | FINISH |
|---|----------|--|---------|--------|
| Model MPF - Electromagnetic Control Gear (EM) Class I | | | | |
| 70 W | 50-94735 | ATKMPFATB5RD__1SM_70E27__EM_1N__C1BL5003 | 1N__ | BL5003 |
| 70 W | 50-94712 | ATKMPFATB5RD__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-85701 | ATKMPFATB5RD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-85867 | ATKMPFATB5LAR_1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-89733 | ATKMPFATB5RD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-89590 | ATKMPFATB5RD__1SO_70E27__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 70 W | 50-85726 | ATKMPFPOB5WB__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 80 W | 50-85723 | ATKMPFPOB5WB__1QE_80E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-94741 | ATKMPFATB5LAR_1SO100E40__EM_2N+_C1BL5003 | 2N+_ | BL5003 |
| 100 W | 50-94447 | ATKMPFATB5LAR_1SM100E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-94538 | ATKMPFATB5LAR_1SO100E40__EM_2N+_C1GY9006 | 2N+_ | GY9006 |
| 100 W | 50-85702 | ATKMPFATB5RD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-85868 | ATKMPFATB5LAR_1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-85703 | ATKMPFATB5RD__1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-85869 | ATKMPFATB5LAR_1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-85894 | ATKMPFPOB5WB__1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-94927 | ATKMPFPOB5WB__1SM100E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 125 W | 50-85877 | ATKMPFATB5LAR_1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 125 W | 50-89865 | ATKMPFATB5RD__1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 125 W | 50-85878 | ATKMPFATB5LAR_1QE125E27__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 125 W | 50-85724 | ATKMPFPOB5WB__1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-94620 | ATKMPFATB5LAR_1SM150E40__EM_1N__C1BE1015 | 1N__ | BE1015 |
| 150 W | 50-94180 | ATKMPFATB5LAR_1SM150E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 150 W | 50-94736 | ATKMPFATB5LAR_1SM150E40__EM_1N__C1BL5003 | 1N__ | BL5003 |
| 150 W | 50-94561 | ATKMPFATB5LAR_1SM150E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 150 W | 50-94710 | ATKMPFATB5LAR_1SO150E40__EM_2N+_C1BW8016 | 2N+_ | BW8016 |
| 150 W | 50-94711 | ATKMPFATB5LAR_1SO150E40__EM_2N+_C1BW8016 | 2N+_ | BW8016 |
| 150 W | 50-94245 | ATKMPFATB5LAR_1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |

- High turnover
- N New
- E While stocks last

| POWER | CODE | DESCRIPTION | DIMMING | FINISH |
|---|----------|--|---------|--------|
| Model MPF - Electromagnetic Control Gear (EM) Class I | | | | |
| 150 W | 50-85704 | ATKMPFATB5RD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-85870 | ATKMPFATB5LAR_1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-85705 | ATKMPFATB5RD__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-85872 | ATKMPFATB5LAR_1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-94451 | ATKMPFATB5LAR_1SM150E40__EM_1N__C1WH9003 | 1N__ | WH9003 |
| 150 W | 50-85728 | ATKMPFPOB5WB__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-85895 | ATKMPFPOB5WB__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-85873 | ATKMPFATB5LAR_1SO250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-85879 | ATKMPFATB5LAR_1QE250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-85874 | ATKMPFATB5LAR_1SO250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-85880 | ATKMPFATB5LAR_1QE250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-85725 | ATKMPFPOB5WB__1QE250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model MPF - Electromagnetic Control Gear (EM) Class II | | | | |
| 100 W | 50-90510 | ATKMPFATF5RD__1MH100E40__EM_2N-_C2GY9006 | 2N-_ | |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Model MPF - Electromagnetic Control Gear (EL) Class I | | | | |
| 70 W | 50-90720 | ATKMPFATB5LAR_1MH_70E27__EL_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-90548 | ATKMPFATB5LAR_1SO100E40__EL_2N-_C1GY7035 | 2N-_ | GY7035 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model MPS - Electronic Control Gear (EM) Class I | | | | |
| 70 W | 50-89870 | ATKMPSATB5LAR_1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-94557 | ATKMPSATB5LAR_1SM100E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 100 W | 50-89720 | ATKMPSATB5RD__1MH100E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 100 W | 50-89973 | ATKMPSATB5LAR_1MH100E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 100 W | 50-90160 | ATKMPSATB5LAR_1SO100E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 100 W | 50-85633 | ATKMPSATB5RD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-89735 | ATKMPSATB5LAR_1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-94223 | ATKMPSATB5RD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-89954 | ATKMPSATF5RD__1SO100E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 100 W | 50-89919 | ATKMPSATF5RD__1SM100E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 150 W | 50-89671 | ATKMPSATB5RD__1SO150E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 150 W | 50-89823 | ATKMPSATB5LAR_1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-94570 | ATKMPSATB5RD__1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 250 W | 50-89788 | ATKMPSPOB5WB__1QE250E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model MPS - Electromagnetic Control Gear (EM) Class II | | | | |
| 100 W | 50-90055 | ATKMPSATB5RD__1SM100E40__EM_1N__C2BL5005 | 1N__ | BL5005 |
| 100 W | 50-89834 | ATKMPSATB5LAR_1SO100E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 150 W | 50-88674 | ATKMPSATB5LAR_1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |

HYDRA HID

Decorative HID luminaire with conical shapes

Simon HYDRA HID luminaire, model M, post-top fixing, flat cover, curved, transparent, high impact resistance PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, small road optics and no dimming. Luminaire Class I, IP66 and IK09. Standard finish in Simon GYDECO Colour. Power and lamp socket according to configuration table.

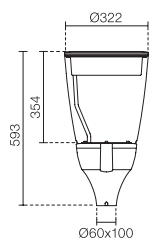


MPF

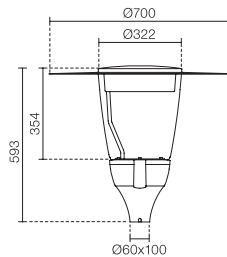
| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 35 W | G12 | 50-90081 | HYDMPFATB0SRD_1MH_35G12__EM_1N__C1GYDECO |
| 50 W | E27 | 50-88545 | HYDMPFATB0SRD_1SM_50E27__EM_1N__C1GYDECO |
| 70 W | E27 | 50-88542 | HYDMPFATB0SRD_1SM_70E27__EM_1N__C1GYDECO |
| 100 W | G12 | 50-88758 | HYDMPFATB0SRD_1SM100G12__EM_1N__C1GYDECO |
| 150 W | G12 | 50-88759 | HYDMPFATB0SRD_1SM150G12__EM_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

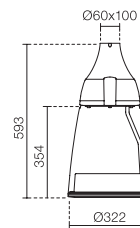
CHANGE OF MODEL



MPF
M size, Ø 60 mm post-top fixing, Ø 322 flat cover



MPB
M size, Ø 60 mm post-top fixing, Ø 700 beret cover



MHF E
M size, Ø 60 mm suspended fixing, Ø 322 flat cover

+

+

+

PRICE INCREASE FOR CHANGE OF:

Luminaire wired with 5 m of cable

Change of reflector from SRD_ to LBAR (Basic Slats, models MPF and MPB)

Change of reflector from SRD_ to SL_ (Symmetrical slats, only MHF)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|--------------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 35 W | + | - | - | - | - | - | - | - | - | + |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from GYDECO to other Simon Lighting colours

Colour change from GYDECO to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

- High turnover
- N New
- E While stocks last

RELATIONSHIP BETWEEN PREVIOUS NAME AND CURRENT NAME

| HYDRA BASIC | HYDRA SXU | HYDRA SXD |
|---|--|--|
|  <p>CURRENT NAME MPF LBAR</p> |  <p>DISCONTINUED MPF SL</p> |  <p>CURRENT NAME MHF SL</p> |
| HYDRA CCU | HYDRA CXU | HYDRA CXD |
|  <p>DISCONTINUED MPB CN</p> |  <p>DISCONTINUED MPF CN</p> |  <p>DISCONTINUED MHF CN</p> |
| HYDRA RCU | HYDRA RXU | HYDRA RXD |
|  <p>CURRENT NAME MPB SRD</p> |  <p>CURRENT NAME MPF SRD</p> |  <p>CURRENT NAME MHF SRD</p> |

ACCESSORIES AND SPARES DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|------------------------|
| 50-73149 | ADAPTER for Ø50 to Ø60 |

HYDRA HID - CUSTOMIZED PROGRAM CODES

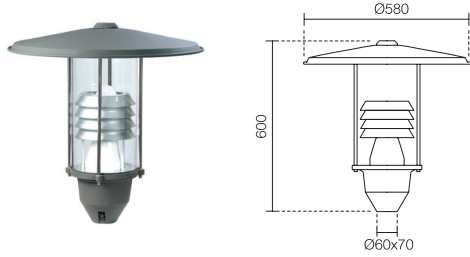
| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model MHF - Electromagnetic Control Gear (EM) Class I | | | | |
| 35 W | 50-90176 | HYDMHFATBOSRD_1SM35G12__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-88552 | HYDMHFATBOSRD_1SM70E27__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 100 W | 50-88534 | HYDMHFATBOSL_1SM100E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 150 W | 50-88536 | HYDMHFATBOSL_1SM150E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| Model MHF - Electromagnetic Control Gear (EM) Class II | | | | |
| 70 W | 50-94692 | HYDMHFATBOSRD_1SM70E27__EM_1N__C2DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-94660 | HYDMHFATBOSL_1SM100E40__EM_1N__C2GYDECO | 1N__ | GYDECO |
| Model MPB - Electromagnetic Control Gear (EM) Class I | | | | |
| 50 W | 50-88585 | HYDMPBATBOSRD_1SM50E27__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 70 W | 50-88582 | HYDMPBATBOSRD_1SM70E27__EM_1N__C1GYDECO | 1N__ | GYDECO |
| Model MPF - Electromagnetic Control Gear (EM) Class I | | | | |
| 35 W | 50-90175 | HYDMPFATBOSRD_1MH35G12__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-88272 | HYDMPFATBOLBAR1SM70E27__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 70 W | 50-90165 | HYDMPFATBOLBAR1SO70E27__EM_2N__C1GYDECO | 2N__ | GYDECO |
| 70 W | 50-90459 | HYDMPFATBOSRD_1SO70E27__EM_2N+_C1GYDECO | 2N+_ | GYDECO |
| 70 W | 50-94773 | HYDMPFATBOSRD_1SM70E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-90271 | HYDMPFATBOSRD_1MH70E27__EM_2N__C1GYDECO | 2N__ | GYDECO |
| 70 W | 50-94752 | HYDMPFATBOSRD_1SM70E27__EM_1N__C1WH9010 | 1N__ | WH9010 |
| 100 W | 50-88274 | HYDMPFATBOLBAR1SM100E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 100 W | 50-89884 | HYDMPFATBOLBAR1SM100E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 100 W | 50-88275 | HYDMPFATBOLBAR1SO100E40__EM_2N+_C1GYDECO | 2N+_ | GYDECO |
| 150 W | 50-94916 | HYDMPFATBOLBAR1SM150E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-88276 | HYDMPFATBOLBAR1SM150E40__EM_1N__C1GYDECO | 1N__ | GYDECO |
| 150 W | 50-88277 | HYDMPFATBOLBAR1SO150E40__EM_2N+_C1GYDECO | 2N+_ | GYDECO |
| 150 W | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO | 1N__ | GYDECO |

- High turnover
- N New
- Ⓢ While stocks last

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|-----------------|---|---------|--------|
| Model MPF - Electromagnetic Control Gear (EM) Class II | | | | |
| 50 W | 50-90405 | HYDMPFATBOLBAR1SM_50E27__EM_1N__C2GYDECO | 1N__ | GYDECO |
| 50 W | 50-90590 | HYDMPFATBOSRD__1SM_50E27__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 70 W | 50-88278 | HYDMPFATBOLBAR1SM_70E27__EM_1N__C2GYDECO | 1N__ | GYDECO |
| 70 W | 50-88548 | HYDMPFATBOSRD_1SM_70E27__EM_1N__C2GYDECO | 1N__ | GYDECO |
| 100 W | 50-88279 | HYDMPFATBOLBAR1SM100E40__EM_1N__C2GYDECO | 1N__ | GYDECO |
| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
| Model MPF - Electronic Control Gear (EL) Class I | | | | |
| 70 W | 50-90572 | HYDMPFATBOLAR_1SO_70E27__EL_2N+_C1BKCLAS | 2N+_ | BKCLAS |
| 70 W | 50-90707 | HYDMPFATBOLAR_1MH_70E27__EL_2N+_C1BKCLAS | 2N+_ | BKCLAS |
| 100 W | 50-90538 | HYDMPFATBOLBAR1SO100E40__EL_1N__C1GYDECO | 1N__ | GYDECO |

ALCOR HID E

Decorative HID luminaire



| FINISH | REFLECTOR | POWER | CLASS | CONTROL GEAR | ADJ. | ORDER CODE | OFFER CODE |
|--------|-----------|-------------------|-------|--------------|------|-----------------|--------------------------------------|
| GY9007 | SL | HPS-MH 70* | CI | EM | 1N | 50-85407 | ALCSL 1xSE70 E27 L07F GY9007 MTC |
| GY9007 | SL | HPS-MH 100 | CI | EM | 1N | 50-85408 | ALCSL 1xSE100 E40 L07F GY9007 MTC |
| DGCLAS | SL | HPS-MH 100 | CI | EM | 1N | 50-85416 | ALCSL 1xSE100 E40 L07F DGCLAS MTC |
| GY9007 | SL | HPS | CI | EM | 2N+ | 50-85489 | ALCSL 1xSE100 E40 L07F GY9007 MTC 2N |
| DGCLAS | SL | HPS | CI | EM | 2N+ | 50-85459 | ALCSL 1xSE100 E40 L07F DGCLAS MTC 2N |
| GY9007 | SL | MV 125 | CI | EM | 1N | 50-85410 | ALCSL 1xQE125 E27 L07F GY9007 MTC |
| DGCLAS | SL | MV 125 | CI | EM | 1N | 50-85414 | ALCSL 1xQE125 E27 L07F DGCLAS MTC |
| GY9007 | AR | HPS-MH 100 | CI | EM | 1N | 50-85419 | ALCAR 1xSE100 E40 L08F GY9007 MTC AR |

* Use HPS 70 W lamps without built-in starter

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--------------------------------|
| 50-73204 | Flat transparent PMMA diffuser |

ALCOR HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--------------|-----------------|---|---------|--------|
| 70 W | 50-85405 | ALCMPBMTCDAAAR_1SM_70E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-85418 | ALCMPBMTCDAAAR_1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-85406 | ALCMPBMTCDAAAR_1SM100E40__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-85499 | ALCMPBMTCDAAAR_1S0100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 125 W | 50-85404 | ALCMPBMTCDAAAR_1QE125E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 125 W | 50-85450 | ALCMPBMTCDAAAR_1QE125E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 50 W | 50-90278 | ALCMPBMTCDLAR_1SM_50E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-85415 | ALCMPBMTCDLAR_1SM_70E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 70 W | 50-85458 | ALCMPBMTCDLAR_1S0_70E27__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 70 W | 50-94798 | ALCMPBMTCDLAR_1SM_70E27__EM_1N__C1RD3004 | 1N__ | RD3004 |
| 80 W | 50-85409 | ALCMPBMTCDLAR_1QE_80E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-94222 | ALCMPBMTCDLAR_1SM100E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 100 W | 50-94593 | ALCMPBMTCDLAR_1SM100E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 100 W | 50-90057 | ALCMPBMTCDLAR_1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-94292 | ALCMPBMTCDLAR_1S0100E40__EM_2N-_C1GY9007 | 2N-_ | GY9007 |
| 125 W | 50-85460 | ALCMPBMTCDLAR_1QE125E27__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 24 W | 50-85400 | ALCMPBMOCOWB__2FSD242G2__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 24 W | 50-85417 | ALCMPBMOCOWB__2FSD242G2__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-90270 | ALCMPBMOCOWB__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |

BR HID

Decorative ball with reflector in the upper hemisphere or slats, suitable for functional roadways, streets, avenues, parks and gardens

BASE REFERENCES



| REFLECTOR | Ø DIF. | DIFFUSER | FINISH | POWER | CLASS | CONTROL | ORDER CODE | OFFER CODE |
|-----------|--------|----------|---------|-------------------|-------|---------|-------------------|----------------------------------|
| Conical | D500 | PMMA | Transp. | HPS-MH 70* | CI | 1N | 50-86246 | BR7MP 1xSE70 E27 L15F TR MPS |
| Conical | D500 | PMMA | Transp. | HPS-MH 100 | CI | 1N | 50-85675 | BR7MP 1xSE100 E40 L15F TR MPS |
| Conical | D500 | PMMA | Transp. | HPS-MH 100 | CI | 2N+ | 50-85682 | BR7MP 1xSE100 E40 L15F TR MPS 2N |
| Conical | D500 | PMMA | Transp. | HPS-MH 150 | CI | 1N | 50-85676 | BR7MP 1xSE150 E40 L15F TR MPS |
| Conical | D500 | PMMA | Transp. | HPS-MH 150 | CI | 2N+ | 50-85683 | BR7MP 1xSE150 E40 L15F TR MPS 2N |
| Conical | D500 | PMMA | Transp. | HPS-MH 250 | CI | 1N | 50-85677 | BR7MP 1xSE250 E40 L15F TR MPS |
| Conical | D500 | PMMA | Transp. | MV 125 | CI | 1N | 50-85673 | BR7MP 1xQE125 E27 L15F TR MPS |
| Conical | D500 | PMMA | Transp. | MV 250 | CI | 1N | 50-85674 | BR7MP 1xQE250 E40 L15F TR MPS |
| Conical | D500 | PC | Transp. | HPS-MH 70* | CI | 1N | ● 50-86248 | BR7MP 1xSE70 E27 L15F TR PPS |
| Conical | D500 | PC | Transp. | HPS-MH 100 | CI | 1N | ● 50-85375 | BR7MP 1xSE100 E40 L15F TR PPS |
| Conical | D500 | PC | Transp. | HPS-MH 100 | CI | 2N+ | 50-85382 | BR7MP 1xSE100 E40 L15F TR PPS 2N |
| Conical | D500 | PC | Transp. | HPS-MH 150 | CI | 1N | ● 50-85376 | BR7MP 1xSE150 E40 L15F TR PPS |
| Conical | D500 | PC | Transp. | HPS-MH 150 | CI | 2N+ | 50-85383 | BR7MP 1xSE150 E40 L15F TR PPS 2N |
| Conical | D500 | PC | Transp. | HPS-MH 250 | CI | 1N | 50-85377 | BR7MP 1xSE250 E40 L15F TR PPS |
| Conical | D500 | PC | Transp. | MV 125 | CI | 1N | 50-85373 | BR7MP 1xQE125 E27 L15F TR PPS |
| Conical | D500 | PC | Transp. | MV 125 | CI | 2N+ | 50-85380 | BR7MP 1xQE125 E27 L15F TR PPS 2N |
| Conical | D500 | PC | Transp. | HPS-MH 150 | CII | 1N | 50-86566 | BR7MP 1xSE150 E40 L15F TR PPS C2 |



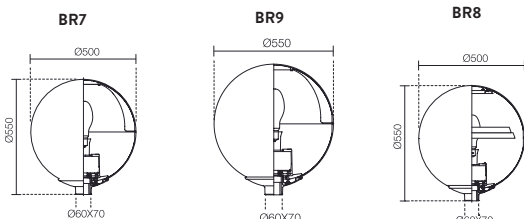
| | | | | | | | | |
|---------|------|------|---------|-------------------|-----|-----|-----------------|-------------------------------------|
| Conical | D550 | PMMA | Transp. | HPS-MH 100 | CI | 1N | 50-86775 | BR9MP 1xSE100 E40 L13F TR MPS |
| Conical | D550 | PMMA | Transp. | HPS-MH 100 | CI | 2N+ | 50-86782 | BR9MP 1xSE100 E40 L13F TR MPS 2N |
| Conical | D550 | PMMA | Transp. | HPS-MH 150 | CI | 1N | 50-86776 | BR9MP 1xSE150 E40 L13F TR MPS |
| Conical | D550 | PMMA | Transp. | HPS-MH 250 | CI | 1N | 50-86777 | BR9MP 1xSE250 E40 L13F TR MPS |
| Conical | D550 | PMMA | Transp. | MV 125 | CI | 1N | 50-86773 | BR9MP 1xQE125 E27 L13F TR MPS |
| Conical | D550 | PMMA | Transp. | MV 250 | CI | 1N | 50-86774 | BR9MP 1xQE250 E40 L13F TR MPS |
| Conical | D550 | PC | Transp. | HPS-MH 100 | CI | 1N | 50-86375 | BR9MP 1xSE100 E40 L13F TR PPS |
| Conical | D550 | PC | Transp. | HPS-MH 150 | CI | 1N | 50-86376 | BR9MP 1xSE150 E40 L13F TR PPS |
| Conical | D550 | PC | Transp. | HPS-MH 150 | CI | 2N+ | 50-86383 | BR9MP 1xSE150 E40 L13F TR PPS 2N |
| Conical | D550 | PC | Transp. | HPS-MH 250 | CI | 1N | 50-86377 | BR9MP 1xSE250 E40 L13F TR PPS |
| Conical | D550 | PC | Transp. | MV 125 | CI | 1N | 50-86373 | BR9MP 1xQE125 E27 L13F TR PPS |
| Conical | D550 | PC | Transp. | MV 250 | CI | 1N | 50-86374 | BR9MP 1xQE250 E40 L13F TR PPS |
| Conical | D550 | PC | Transp. | HPS-MH 100 | CII | 2N+ | 50-86392 | BR9MP 1xSE100 E40 L13F TR PPS 2N C2 |



| | | | | | | | | |
|-------|------|------|---------|-------------------|----|-----|-----------------|----------------------------------|
| Slats | D500 | PMMA | Transp. | HPS-MH 100 | CI | 1N | 50-85775 | BR8MP 1xSE100 E40 L14F TR MPS |
| Slats | D500 | PMMA | Transp. | HPS-MH 150 | CI | 1N | 50-85776 | BR8MP 1xSE150 E40 L14F TR MPS |
| Slats | D500 | PMMA | Transp. | MV 250 | CI | 1N | 50-85774 | BR8MP 1xQE250 E40 L14F TR MPS |
| Slats | D500 | PMMA | Transp. | MV 250 | CI | 2N+ | 50-85781 | BR8MP 1xQE250 E40 L14F TR MPS 2N |
| Slats | D500 | PC | Transp. | HPS-MH 100 | CI | 1N | 50-85475 | BR8MP 1xSE100 E40 L14F TR PPS |
| Slats | D500 | PC | Transp. | HPS-MH 150 | CI | 1N | 50-85476 | BR8MP 1xSE150 E40 L14F TR PPS |
| Slats | D500 | PC | Transp. | MV 125 | CI | 1N | 50-85473 | BR8MP 1xQE125 E27 L14F TR PPS |
| Slats | D500 | PC | Transp. | MV 250 | CI | 1N | 50-85474 | BR8MP 1xQE250 E40 L14F TR PPS |
| Slats | D500 | PC | Transp. | MV 250 | CI | 2N+ | 50-85481 | BR8MP 1xQE250 E40 L14F TR PPS 2N |

* Use HPS 70 W lamps without built-in starter

DIMENSIONS



- High turnover
- N New
- E While stocks last

ACCESSORIES DIRECT FROM FACTORY

| TYPE | FINISH | ORDER CODE | DESCRIPTION |
|-------------|--------|--|-----------------------------------|
| Transparent | | ● 50-86244 | Spare diffuser ball D500 PC BR7 |
| Transparent | | 50-86245 | Spare diffuser ball D500 PMMA BR7 |
| Transparent | | 50-86315 | Spare diffuser ball D550 PC BR9 |
| Transparent | | 50-86320 | Spare diffuser ball D550 PMMA BR9 |
| Transparent | | 50-85486 | Spare diffuser ball D500 PC BR8 |
| Transparent | | 50-85487 | Spare diffuser ball D500 PMMA BR8 |



● **50-86819** Ø48 mm plug in adapter and fixing screw



CGCLAS **50-86820** Cast aluminium trim for CL16 E



GY9006 **50-86824** Cast aluminium trim for CL16 E



GY9007 **50-86825** Cast aluminium trim for CL16 E

BR HID - CÓDIGO DEL PROGRAMA PERSONALIZADO

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|-------|-----------------|---|---------|-------------|
| 70 W | 50-86263 | BR7MP_1XSE70_E27_L15F_TR_MPS_C2 | 1N__ | Transparent |
| 70 W | 50-90540 | BR7MPSMPSOCON_1SM_70E27__EL_1N__C1BK9005 | 1N__ | BK9005 |
| 70 W | 50-90729 | BR7MPSMPSOCON_1SO_70E27__EM_2N+_C1BK9005 | 2N+_ | BK9005 |
| 80 W | 50-86316 | BR7MP_1XQE80_E27_L15F_TR_MPS | 1N__ | Transparent |
| 80 W | 50-86318 | BR7MP_1XQE80_E27_L15F_TR_PPS | 1N__ | Transparent |
| 100 W | 50-85820 | BR7MP_1XSE100_E40_L15F_TR_MPS_C2 | 1N__ | Transparent |
| 100 W | 50-86264 | BR7MP_1XSE100_E40_L15F_TR_PPS_C2 | 1N__ | Transparent |
| 125 W | 50-85680 | BR7MP_1XQE125_E27_L15F_TR_MPS_2N | 2N__ | Transparent |
| 150 W | 50-86261 | BR7MP_1XSE150_E40_L15F_TR_MPS_C2 | 1N__ | Transparent |
| 250 W | 50-85374 | BR7MP_1XQE250_E40_L15F_TR_PPS | 1N__ | Transparent |
| 250 W | 50-85381 | BR7MP_1XQE250_E40_L15F_TR_PPS_2N | 2N__ | Transparent |
| 250 W | 50-85384 | BR7MP_1XSE250_E40_L15F_TR_PPS_2N | 2N__ | Transparent |
| 250 W | 50-85681 | BR7MP_1XQE250_E40_L15F_TR_MPS_2N | 2N__ | Transparent |
| 250 W | 50-85684 | BR7MP_1XSE250_E40_L15F_TR_MPS_2N | 2N__ | Transparent |
| 70 W | 50-85778 | BR8MPSMPSOLAR_1SE_70E27__EM_1N__C2BK9005 E | 1N__ | BK9005 |
| 70 W | 50-85779 | BR8MPSPPSOLAR_1SE_70E27__EM_1N__C2BK9005 E | 1N__ | BK9005 |
| 100 W | 50-85482 | BR8MPSPPSOLAR_1SE100E40__EM_2N+_C2BK9005 E | 2N+_ | BK9005 |
| 100 W | 50-85782 | BR8MPSMPSOLAR_1SE100E40__EM_2N+_C1BK9005 E | 2N+_ | BK9005 |
| 100 W | 50-85787 | BR8MPSMPSOLAR_1SE100E40__EM_1N__C2BK9005 E | 1N__ | BK9005 |
| 100 W | 50-94887 | BR8MPSMPSOLAR_1SM100E40__EM_1N__C1WH9016 E | 1N__ | WH9016 |
| 125 W | 50-85480 | BR8MPSPPSOLAR_1QE125E27__EM_2N+_C1BK9005 E | 2N+_ | BK9005 |
| 125 W | 50-85773 | BR8MPSMPSOLAR_1QE125E27__EM_1N__C1BK9005 E | 1N__ | BK9005 |
| 150 W | 50-85483 | BR8MPSPPSOLAR_1SE150E40__EM_2N+_C1BK9005 E | 2N+_ | BK9005 |
| 150 W | 50-85783 | BR8MPSMPSOLAR_1SE150E40__EM_2N+_C2BK9005 E | 2N+_ | BK9005 |
| 250 W | 50-85477 | BR8MPSPPSOLAR_1SO250E40__EM_1N__C2BK9005 E | 1N__ | BK9005 |

- High turnover
- N New
- E While stocks last

NAVI HID

Classic marine aesthetic HID luminaire



NAVI CT MODELS. CATENARY



| FINISH | POWER | CLASS | HOLD. | INT.?? (A) | ORDER CODE | OFFER CODE | |
|---------------------------|---------------------|-------|-------|------------|------------|-----------------|-----------------------------------|
| DGCLAS –sanded dark grey– | HPS-MH 70 W | | CI | E-27 | 1 | 50-85446 | NAVCT 1xSE70 E27 E001 DGCLAS GPC |
| DGCLAS –sanded dark grey– | HPS-MH 100 W | | CI | E-40 | 1.2 | 50-85447 | NAVCT 1xSE100 E40 E001 DGCLAS GPC |

* Use HPS 70 W lamps without built-in starter

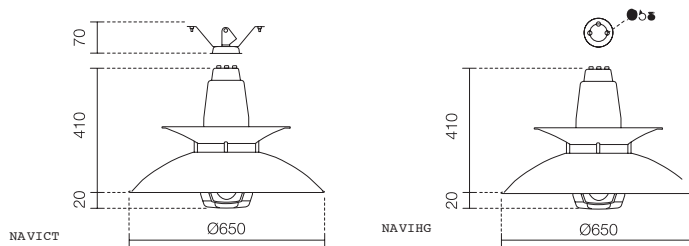
NAVI HG MODELS. SUSPENDED



| FINISH | POWER | CLASS | HOLD. | INT.?? (A) | ORDER CODE | OFFER CODE | |
|---------------------------|---------------------|-------|-------|------------|------------|-----------------|-----------------------------------|
| DGCLAS –sanded dark grey– | HPS-MH 70 W | | CI | E-27 | 1 | 50-85456 | NAVHG 1xSE70 E27 E001 DGCLAS GPC |
| DGCLAS –sanded dark grey– | HPS-MH 100 W | | CI | E-40 | 1.2 | 50-85457 | NAVHG 1xSE100 E40 E001 DGCLAS GPC |

* Use HPS 70 W lamps without built-in starter

DIMENSIONS



BORA HID

Classic nautical aesthetic HID luminaire

Simon BORA HID luminaire, model M, suspended 3/4" G fixing, conical cover, curved, transparent, high impact resistance PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 for the optical group, IP44 for gear holder receptacle and IK08. Standard finish, Simon DGCLAS colour. Power and lamp socket according to configuration table.



MHC

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|---|
| 50 W | E27 | 50-88174 | BORMHCATBORD__1SM_50E27__EM_1N_C1DGCLAS |
| 70 W | E27 | 50-88121 | BORMHCATBORD__1SM_70E27__EM_1N_C1DGCLAS |
| 100 W | E40 | 50-88122 | BORMHCATBORD__1SM100E40__EM_1N_C1DGCLAS |
| 150 W | E40 | ● 50-88124 | BORMHCATBORD__1SM150E40__EM_1N_C1DGCLAS |
| 250 W | E40 | 50-88126 | BORMHCATBORD__1S0250E40__EM_1N_C1DGCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

| | CHANGE OF GEAR AND DIMMING | | | | | | | | | |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

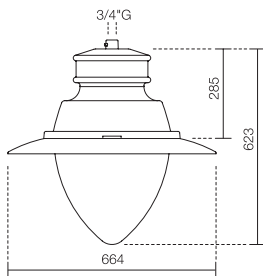
Colour change from DGCLAS to other Simon Lighting colours

Colour change from DGCLAS to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

DIMENSIONS



ACCESSORIES AND SPARES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|------------|----------------------|
| 50-71246 | ZZ_BOR__ATBDFSR-PMMA |

- High turnover
- N New
- E While stocks last

BORA HID - CUSTOMIZED PROGRAM CODE

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Electromagnetic Control Gear (EM) - Class I | | | | |
| 70 W | 50-94476 | BORMHCATBORD__1SM_70E27__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 70 W | 50-90052 | BORMHCATBORD__1SO_70E27__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 70 W | 50-94527 | BORMHCATBORD__1SM_70E27__EM_1N__C1RD3001 | 1N__ | RD3001 |
| 100 W | 50-88615 | BORMHCATBORD__1SM100E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 100 W | 50-94562 | BORMHCATBORD__1SM100E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 100 W | 50-90053 | BORMHCATBORD__1SO100E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 100 W | 50-88133 | BORMHCATBORD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 125 W | 50-88130 | BORMHCATBORD__1QE125E27__EM_1N__C1DGCLAS | 1N__ | DGCLAS |
| 150 W | 50-94401 | BORMHCATBORD__1SO150E40__EM_2N+_C1BE1015 | 2N+_ | BE1015 |
| 150 W | 50-88616 | BORMHCATBORD__1SM150E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 150 W | 50-94115 | BORMHCATBORD__1SM150E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 150 W | 50-89678 | BORMHCATBORD__1SO150E40__EM_2N-_C1DGCLAS | 2N-_ | DGCLAS |
| 150 W | 50-88125 | BORMHCATBORD__1SO150E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-94449 | BORMHCATBORD__1SM150E40__EM_1N__C1GN6009 | 1N__ | GN6009 |
| 150 W | 50-94243 | BORMHCATBORD__1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-94625 | BORMHCATBORD__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-94612 | BORMHCATBORD__1SM150E40__EM_1N__C1RD3007 | 1N__ | RD3007 |
| 150 W | 50-94684 | BORMHCATBORD__1SM150E40__EM_1N__C1WH9016 | 1N__ | WH9016 |
| 250 W | 50-88127 | BORMHCATBORD__1SO250E40__EM_2N+_C1DGCLAS | 2N+_ | DGCLAS |
| 250 W | 50-94737 | BORMHCATBORD__1SO250E40__EM_1N__C1GN6005 | 1N__ | GN6005 |
| Electromagnetic Control Gear (EM) - Class II | | | | |
| 100 W | 50-88144 | BORMHCATBORD__1SM100E40__EM_1N__C2DGCLAS | 1N__ | DGCLAS |
| 100 W | 50-89914 | BORMHCATBORD__1SO100E40__EM_2N+_C2DGCLAS | 2N+_ | DGCLAS |
| 150 W | 50-89913 | BORMHCATBORD__1SO150E40__EM_2N+_C2DGCLAS | 2N+_ | DGCLAS |

- High turnover
- N New
- E While stocks last

BERLIN HID

Classic LED luminaire. Cast aluminium with a highly defined crown

Simon BERLIN HID luminaire, model M, post-top fixing, conical cover and 4-sided curved transparent PMMA diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP65 and IK10. Standard finish in Simon BKCLAS Colour. Power and lamp socket according to configuration table.



MPC

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|--------------|--------|-----------------|--|
| 50 W | E27 | 50-86549 | BERMPCMTBORD__1SM_50E27__EM_1N__C1BKCLAS |
| 70 W | E27 | 50-86530 | BERMPCMTBORD__1SM_70E27__EM_1N__C1BKCLAS |
| 100 W | E40 | 50-86523 | BERMPCMTBORD__1SM100E40__EM_1N__C1BKCLAS |
| 150 W | E40 | 50-90196 | BERMPCMTBORD__1SM150E40__EM_1N__C1BKCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from MTB to MOB (4-sided curved opal PMMA)
 Change of diffuser from MTB to MTT (4-sided curved engraved PMMA)

Luminaire wired with 5 m of cable

Change of reflector from RD_ to SL_ (Symmetrical with slats)
 Change of reflector from RD_ to WB_ (Wide)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|--------------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

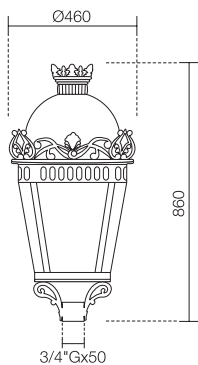
Change of electrical protection of the luminaire C2

Colour change from BKCLAS to BK9005
 Colour change from BKCLAS to other Simon Lighting colours
 Colour change from BKCLAS to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

DIMENSIONS



- High turnover
- N New
- E While stocks last

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|--|
| 50-73054 | Curved Transparent PMMA Diffuser (MTB) |
| 50-73056 | Curved Engraved PMMA Diffuser (MEB) |
| 50-73055 | Curved Opal PMMA Diffuser (MOB) |

BERLIN HID - CUSTOMIZED PROGRAM CODE

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|-------|------------|--|---------|--------|
| 100 W | 50-86350 | BERMPCMOB0WB__1SM100E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 100 W | 50-86520 | BERMPCMOB0WB__1SM100E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 150 W | 50-90125 | BERMPCMTB0RD__1SM150E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 100 W | 50-86526 | BERMPCMTB0SL__1SM100E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 150 W | 50-90060 | BERMPCMTB0SL__1SM150E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 80 W | 50-90182 | BERMPCMTB0WB__1QE_80E27__EM_1N__C1BKCLAS | 1N__ | BKCLAS |

PRAGA HID

Classic LED luminaire. Cast aluminium, giving extended operating life

Simon PRAGA HID luminaire, model M, post-top fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 and IK10. Standard finish in Simon BK9005 Colour. Power and lamp socket according to configuration table.



MPF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 50 W | E27 | 50-86232 | PRGMPFGTFORD__1SM_50E27__EM_1N__C1BKCLAS |
| 70 W | E27 | 50-86233 | PRGMPFGTFORD__1SM_70E27__EM_1N__C1BKCLAS |
| 100 W | E40 | 50-86234 | PRGMPFGTFORD__1SM100E40__EM_1N__C1BKCLAS |
| 150 W | E40 | 50-86235 | PRGMPFGTFORD__1SM150E40__EM_1N__C1BKCLAS |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL

| MODEL MPF Size M ¾" G post-top fixing, flat cover | MODEL MPC Size M ¾" G post-top fixing, conical cover | MODEL MHC Size M ¾" G suspended fixing, conical cover | MODEL MCC Size M upper catenary fixing, conical cover |
|--|---|--|--|
| | | | |
| + | + | + | + |

PRICE INCREASE FOR CHANGE OF:

Change of diffuser from GTF to MTT (4-sided transparent PMMA)
 Change of diffuser from GTF to MOT (4-sided opal PMMA)

Luminaire wired with 5 m of cable

Change of reflector from RD_ to SL_ (Symmetrical with slats)
 Change of reflector from RD_ to WB_ (Wide)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from BKCLAS to BK9005
 Colour change from BKCLAS to other Simon Lighting colours
 Colour change from BKCLAS to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

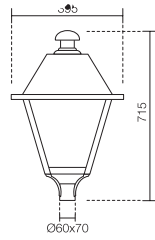
- High turnover
- N New
- E While stocks last

PRAGA HID - CUSTOMIZED PROGRAM CODE

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|-------|------------|--|---------|--------|
| 70 W | 50-86187 | PRGMHCMTTORD__1SM_70E27__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 100 W | 50-86183 | PRGMHCMTTORD__1SM100E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 100 W | 50-86185 | PRGMPCMOTOWB__1SM100E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 100 W | 50-89958 | PRGMPCMTTORD__1SO100E40__EL_2N+_C1BK9005 | 2N+_ | BK9005 |
| 70 W | 50-86181 | PRGMPCMTTORD__1SM_70E27__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 70 W | 50-94923 | PRGMPCMTTORD__1SM_70E27__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 100 W | 50-86182 | PRGMPCMTTORD__1SM100E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 100 W | 50-89971 | PRGMPCMTTORD__1SO100E40__EM_2N+_C1BK9005 | 2N+_ | BK9005 |
| 150 W | 50-90124 | PRGMPCMTTORD__1SM150E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 150 W | 50-89970 | PRGMPCMTTORD__1SO150E40__EM_2N+_C1BK9005 | 2N+_ | BK9005 |
| 100 W | 50-94946 | PRGMPCMTTOSL__1SM100E40__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 100 W | 50-86180 | PRGMPFGTFORD__1SM100E40__EM_1N__C1BK9005 | 1N__ | BK9005 |
| 150 W | 50-90103 | PRGMPFGTFORD__1SM150E40__EM_1N__C1BK9005 | 1N__ | BK9005 |

FC6 HID

Classic design IP43 luminaire, suitable for streets, avenues, pedestrian areas, parks and gardens



FC6 WB MODELS. WIDE

| Gear (W) | HOLD. | INT.?? (A) | DIFFUSER | ORDER CODE | OFFER CODE | |
|---------------------------------------|-------|------------|----------|------------|-----------------|---------------------------------------|
| HPS 70 W * | | E-27 | 1 | HIR PMMA | 50-85106 | FC6 WB 1xSE70 E27 E001 BK9005 APF |
| | | | | PC | 50-84514 | FC6 WB 1xSE70 E27 E001 BK9005 PPF |
| HPS-MH 100 W | | E-40 | 1.2 | HIR PMMA | 50-85107 | FC6 WB 1xSE100 E40 E001 BK9005 APF |
| | | | | PC | 50-84515 | FC6 WB 1xSE100 E40 E001 BK9005 PPF |
| HPS 100 W 2N | | E-40 | 1.2 | HIR PMMA | 50-85112 | FC6 WB 1xSE100 E40 E001 BK9005 APF 2N |
| | | | | PC | 50-84518 | FC6 WB 1xSE100 E40 E001 BK9005 PPF 2N |
| HPS-MH 150 W | | E-40 | 1.8 | HIR PMMA | 50-85108 | FC6 WB 1xSE150 E40 E001 BK9005 APF |
| | | | | PC | 50-84584 | FC6 WB 1xSE150 E40 E001 BK9005 PPF |
| HPS 150 W 2N | | E-40 | 1.8 | HIR PMMA | 50-85113 | FC6 WB 1xSE150 E40 E001 BK9005 APF 2N |
| | | | | PC | 50-84587 | FC6 WB 1xSE150 E40 E001 BK9005 PPF 2N |
| HPS-MH 250 W | | E-40 | 3 | HIR PMMA | 50-85109 | FC6 WB 1xSE250 E40 E001 BK9005 APF |
| MV 125 W | | E-27 | - | HIR PMMA | 50-85104 | FC6 WB 1xQE125 E27 E001 BK9005 APF |
| | | | | PC | 50-84513 | FC6 WB 1xQE125 E27 E001 BK9005 PPF |
| MV 125 W 2N | | E-27 | - | HIR PMMA | 50-85110 | FC6 WB 1xQE125 E27 E001 BK9005 APF 2N |
| | | | | PC | 50-84516 | FC6 WB 1xQE125 E27 E001 BK9005 PPF 2N |
| MV 250 W | | E-40 | - | HIR PMMA | 50-85105 | FC6 WB 1xQE250 E40 E001 BK9005 APF |
| MV 250 W 2N | | E-40 | - | HIR PMMA | 50-85111 | FC6 WB 1xQE250 E40 E001 BK9005 APF 2N |
| Compact fluorescent, 7 to 11 W | | G-23 | - | PC | 50-84591 | FC6 WB 4xFS11 G23 E001 BK9005 PPF |

* Use HPS 70 W lamps with built-in starter

FC6 SL MODELS. SYMMETRICAL WITH FLOW DIRECTOR

| Gear (W) | HOLD. | INT.?? (A) | DIFFUSER | ORDER CODE | OFFER CODE | |
|---------------------|-------|------------|----------|------------|-----------------|--------------------------------------|
| HPS 100 W 2N | | E-40 | 1.2 | HIR PMMA | 50-85118 | FC6SL 1xSE100 E40 L11F BK9005 APF 2N |
| HPS-MH 150 W | | E-40 | 1.8 | HIR PMMA | 50-85121 | FC6SL 1xSE150 E40 L11F BK9005 APF |

* Use HPS 70 W lamps with built-in starter

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--------------------------------------|
| 50-73121 | FC6 luminaire cover in BK9005 finish |
| 50-86853 | Prismatic PMMA diffuser |
| 50-86854 | Prismatic polycarbonate diffuser |

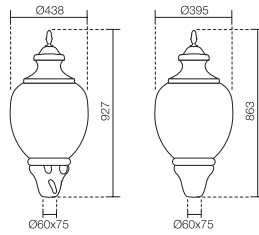
FC6 HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--------------|-----------------|--|---------|--------|
| 150 W | 50-90309 | FC6SL 1XSE150 E40 L11F BK9005 APF 2N SLM | 2N_ | BK9005 |
| 125 W | 50-85204 | FC6WB 1XQE125 E27 E001 GN6025 APF | 1N_ | GN6025 |
| 150 W | 50-85213 | FC6WB 1XSE150 E40 E001 GN6025 APF 2N | 2N_ | GN6025 |
| 150 W | 50-90723 | FC6WB 1XSE150 E40 E001 BK9005 APF 2N- | 2N_ | BK9005 |

- High turnover
- N New
- E While stocks last

GO1 HID E

Classic functional
HID luminaire



GO1 PEB MODELS. OPAL ENGRAVED POLYCARBONATE

| Gear (W) | HOLD. | INT.?? (A) | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|-----------------|-----------------------------------|
| HPS-MH 150 W | | E-40 1.8 | 50-85144 | GO1MP 1xSE150 E40 E001 BK9005 PEB |
| HPS-MH 250 W | | E-40 3 | 50-85186 | GO1MP 1xSE250 E40 E001 BK9005 PEB |

* Use HPS 70 W lamps with built-in starter

GO1 PTS MODELS. POLYCARBONATE TRANSPARENT SLATS

| Gear (W) | HOLD. | INT.?? (A) | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|-----------------|-----------------------------------|
| HPS-MH 100 W | | E-40 1.2 | 50-85148 | GO1SL 1xSE100 E40 E001 BK9005 PTS |
| HPS-MH 150 W | | E-40 1.8 | 50-85149 | GO1SL 1xSE150 E40 E001 BK9005 PTS |

GO1 WB MODELS. OPAL ENGRAVED POLYCARBONATE WITH REFLECTOR

| Gear (W) | HOLD. | INT.?? (A) | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|-----------------|-----------------------------------|
| HPS-MH 250 W | | E-40 3 | 50-85147 | GO1MP 1xQE250 E40 E001 BK9005 PEB |

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|--|
| 50-73002 | Ø 438 opal engraved polycarbonate diffuser |
| 50-71218 | Ø 395 opal engraved polycarbonate diffuser |
| 50-85801 | Decorative pine cone |

ETNA HID

HID spotlight luminaire with multiple uses thanks to its wide range of reflectors and attachment models

Simon ETNA HID luminaire, model L, bracket fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, 45° asymmetric optics and no dimming. Luminaire Class I, IP66 and IK09. Built in self-levelling device. Standard finish in Simon GY9007 colour. Power and lamp socket according to configuration table.



| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 50 W | E27 | 50-71632 | ETNLBFGTF0A45_1SM_50E27_EM_1N_C1GY9007 |
| 70 W | E27 | 50-71633 | ETNLBFGTF0A45_1SM_70E27_EM_1N_C1GY9007 |
| 100 W | E40 | 50-74331 | ETNLBFGTF0A45_1SM100E40_EM_1N_C1GY9007 |
| 150 W | E40 | 50-71628 | ETNLBFGTF0A45_1SM150E40_EM_1N_C1GY9007 |
| 250 W | E40 | 50-71629 | ETNLBFGTF0A45_1SO250E40_EM_1N_C1GY9007 |
| 400 W | E40 | 50-74326 | ETNLBFGTF0A45_1SO400E40_EM_1N_C1GY9007 |
| 600 W | E40 | 50-71631 | ETNLBFGTF0A45_1SO600E40_EM_1N_C1GY9007 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL

| | | | |
|---|---|---|---|
| | | | |
| + | + | + | + |

PRICE INCREASE FOR CHANGE OF:

- Change of reflector from A45 to A60_ (60° Asymmetric)
- Change of reflector from A45 to RD_ (Road)
- Change of reflector from A45 to S30_ (30° Symmetrical)
- Change of reflector from A45 to S90_ (90° Symmetrical)
- Change of reflector from A45 to CON_ (Conical)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|---------|----------------------------------|---------|---------|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |
| 400 W | + | + | + | - | - | - | - | - | - | + |
| 600 W | + | + | + | - | - | - | - | - | - | + |
| 1000 W* | + | Consult | Consult | - | - | - | - | - | - | + |

- | | | | |
|-----|---|------|---|
| 1N | No dimming | CAD | Cabinet amplitude dimming (dimming at electrical panel) |
| 2N+ | Dimming with control line | 1-10 | Dimming via 1-10 input protocol |
| 2N- | Dimming without control line (self-dimming) | DALI | Dimming via DALI input protocol |

PRICE INCREASE FOR CHANGE OF:

- Change of electrical protection of the luminaire C2
- Change of colour from GY9007 to other Simon Lighting colours
- Colour change from GY9007 to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

- High turnover
- N New
- E While stocks last

ACCESSORIES



Anti-glare grille, horizontal
Matt black

50-70886

+



Anti-glare grille, vertical matt black

50-70887

+



Matt black louvre grid visor

50-70888

+



Protective grille
GY9006

50-70885

+



Anti-glare grille, concentric
Matt black

50-70889

+

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|------------|--|
| 50-73037 | Flat transparent glass spare (GTF). Including gasket |
| 50-33852 | LAF model wall arm |
| 50-73058 | LHF model bracket |

ETNA HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Model LBF - Electromagnetic Control Gear (EM) - Class I | | | | |
| 70 W | 50-89787 | ETNLBFGTFORD__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-90282 | ETNLBFGTFOA60_1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-90253 | ETNLBFGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-90211 | ETNLBFGTFOA45_1SO_70E27__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 100 W | 50-74310 | ETNLBFGTFOA60_1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-74335 | ETNLBFGTFORD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-90191 | ETNLBFGTFOA45_1SO100E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 150 W | 50-94726 | ETNLBFGTFOA45_1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-94641 | ETNLBFGTFOA60_1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-74311 | ETNLBFGTFOA60_1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-71432 | ETNLBFGTFORD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-71623 | ETNLBFGTFOS30_1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-71613 | ETNLBFGTFOS90_1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-71433 | ETNLBFGTFORD__1SO150E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-94550 | ETNLBFGTFOS30_1SO250E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 250 W | 50-74313 | ETNLBFGTFOA60_1SO250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-71641 | ETNLBFGTFOCON_1SO250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-71434 | ETNLBFGTFORD__1SO250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-71624 | ETNLBFGTFOS30_1SO250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-71614 | ETNLBFGTFOS90_1SO250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-71687 | ETNLBFGTFOA45_1SO250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-74314 | ETNLBFGTFOA60_1SO250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 250 W | 50-90046 | ETNLBFGTFOCON_1SO250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 400 W | 50-94493 | ETNLBFGTFOA45_1SO400E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 400 W | 50-94407 | ETNLBFGTFOA60_1SO400E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 400 W | 50-94409 | ETNLBFGTFOCON_1SO400E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 400 W | 50-94549 | ETNLBFGTFOS30_1SO400E40__EM_1N__C1CGCLAS | 1N__ | CGCLAS |
| 400 W | 50-74315 | ETNLBFGTFOA60_1SO400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 400 W | 50-71642 | ETNLBFGTFOCON_1SO400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 400 W | 50-71643 | ETNLBFGTFOCON_1SO400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 400 W | 50-71436 | ETNLBFGTFORD__1SO400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 400 W | 50-71626 | ETNLBFGTFOS30_1SO400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 400 W | 50-71616 | ETNLBFGTFOS90_1SO400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 400 W | 50-71688 | ETNLBFGTFOA45_1SO400E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 400 W | 50-71437 | ETNLBFGTFORD__1SO400E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 600 W | 50-94622 | ETNLBFGTFOA45_1SO600E40__EM_1N__C1BL5026 | 1N__ | BL5026 |
| 600 W | 50-71639 | ETNLBFGTFOA60_1SO600E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 600 W | 50-71617 | ETNLBFGTFOS90_1SO600E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 600 W | 50-74327 | ETNLBFGTFOA45_1SO600E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LBF - Electromagnetic Control Gear (EM) - Class II | | | | |
| 100 W | 50-74329 | ETNLBFGTFOA45_1SM100E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 150 W | 50-74320 | ETNLBFGTFOA60_1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 150 W | 50-71665 | ETNLBFGTFOS30_1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 250 W | 50-74322 | ETNLBFGTFOA60_1SO250E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 250 W | 50-71666 | ETNLBFGTFOS30_1SO250E40__EM_1N__C2GY9007 | 1N__ | GY9007 |

Printed: 2016-05-01

- High turnover
- N New
- E While stocks last


| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LBF - Electromagnetic Control Gear (EM) - Class II | | | | |
| 250 W | 50-74323 | ETNLBFGTFOA60_1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 400 W | 50-71675 | ETNLBFGTFOA45_1S0400E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 400 W | 50-71671 | ETNLBFGTFOCON_1S0400E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 400 W | 50-71668 | ETNLBFGTFOA60_1S0400E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 400 W | 50-71660 | ETNLBFGTFOA60_1S0400E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 400 W | 50-90735 | ETNLBFGTFOA60_1S0400E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 600 W | 50-89902 | ETNLBFGTFOCON_1S0600E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |


| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|------------|--|---------|--------|
| Model LXF - Electromagnetic Control Gear (EM) - Class I | | | | |
| 50 W | 50-71412 | ETNLXFGTFORD__1SM_50E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-94640 | ETNLXFGTFORD__1SM_70E27__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 70 W | 50-90589 | ETNLXFGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 70 W | 50-74300 | ETNLXFGTFORD__1SM_70E27__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 100 W | 50-90304 | ETNLXFGTFORD__1SM100E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 150 W | 50-94639 | ETNLXFGTFORD__1SM150E40__EM_1N__C1GY9006 | 1N__ | GY9006 |
| 150 W | 50-71413 | ETNLXFGTFORD__1SM150E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-71415 | ETNLXFGTFORD__1S0250E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 250 W | 50-71416 | ETNLXFGTFORD__1S0250E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 400 W | 50-71417 | ETNLXFGTFORD__1S0400E40__EM_1N__C1GY9007 | 1N__ | GY9007 |
| 400 W | 50-71418 | ETNLXFGTFORD__1S0400E40__EM_2N+_C1GY9007 | 2N+_ | GY9007 |
| 600 W | 50-71419 | ETNLXFGTFORD__1S0600E40__EM_1N__C1GY9007 | 1N__ | GY9007 |


| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--|------------|--|---------|--------|
| Model LBF - Electromagnetic Control Gear (EM) - Class II | | | | |
| 150 W | 50-71423 | ETNLXFGTFORD__1SM150E40__EM_1N__C2GY9007 | 1N__ | GY9007 |
| 250 W | 50-71445 | ETNLXFGTBORD__1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 250 W | 50-89569 | ETNLXFGTFOA60_1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |
| 250 W | 50-71426 | ETNLXFGTFORD__1S0250E40__EM_2N+_C2GY9007 | 2N+_ | GY9007 |

TAOS HID

Industrial aesthetic HID spotlight luminaire

| TAOS MXF HID | POWER | SOCKET | ORDER CODE | OFFER CODE |
|---|-------|--------|------------|---------------------------------------|
|  TAOS HID luminaire, M model, bracket fixing, flat cover, flat transparent glass diffuser, with Class I electromagnetic gear. No pre-wiring, 230 Vac/50 Hz power supply and road optics. Standard finish for lateral covers in Simon BK9005 colour. | 50 W | E27 | 50-71804 | TAOMXFGTF RD 1SM 50E27 C1EM 1N BK9005 |
| | 70 W | E27 | 50-71807 | TAOMX 1XST70 E27 P01F BK9005 GTB |
| | 100 W | E40 | 50-71801 | TAOMX 1XST100 E40 P01F BK9005 GTB |
| | 150 W | E40 | 50-71802 | TAOMX 1XST150 E40 P01F BK9005 GTB |
| | 250 W | E40 | 50-71803 | TAOMX 1XST250 E40 P01F BK9005 GTB |

| TAOS SXF HID | POWER | SOCKET | ORDER CODE | OFFER CODE |
|---|-------|--------|------------|-----------------------------------|
|  TAOS HID luminaire, S model, bracket fixing, flat cover, flat transparent glass diffuser, with Class I electromagnetic gear. No pre-wiring, 230 Vac/50 Hz power supply and road optics. Standard finish for lateral covers in Simon BK9005 colour. | 50 W | E27 | 50-89542 | TAOSX 1XST50 E27 BK9005 GTF |
| | 70 W | E27 | 50-74107 | TAOSX 1XST70 E27 P02F BK9005 GTB |
| | 100 W | E40 | 50-74101 | TAOSX 1XST100 E40 P02F BK9005 GTB |
| | 150 W | E40 | 50-74102 | TAOSX 1XST150 E40 P02F BK9005 GTB |
| | 250 W | E40 | 50-74103 | TAOSX 1XST250 E40 P02F BK9005 GTB |

| TAOS DMX HID | POWER | SOCKET | ORDER CODE | OFFER CODE |
|--|-------|--------|------------|--|
|  TAOS HID luminaire, D model, bracket fixing, flat cover, flat transparent glass diffuser, with Class I electromagnetic gear. No pre-wiring, 230 Vac/50 Hz power supply and road optics. Standard finish for sides in Simon BK9005 colour. | 35 W | G12 | 50-74179 | TAODXFGTF MRD 1SM 35G12 C1EM 1N BK9005 |
| | 50 W | E27 | 50-74180 | TAODXFGTF MRD 1SM 50E27 C1EM 1N BK9005 |
| | 70 W | E27 | 50-74181 | TAODXFGTF MRD 1SM 70E27 C1EM 1N BK9005 |
| | 100 W | G12 | 50-74182 | TAODXFGTF MRD 1SM100G12 C1EM 1N BK9005 |
| | 150 W | G12 | 50-74183 | TAODXFGTF MRD 1SM150G12 C1EM 1N BK9005 |


Consult catalogue for alternative spotlight.

TAOS MXF/SXF/DXF models replace DEMON suspended spotlights and will be available while stocks last. Consult availability.

For equivalent replacement see DEMON ISTANIUM® LED ranges, page 26 and DEMON HID page 60.

MODEL EQUIVALENCE TABLE

| DEMON ISTANIUM® LED SHF | MODEL0 | OPTICS | POWER |
|---|--------------------|--------|--------------|
|  | TAOS MXF / SXF HID | RD | 50 to 150 W |
| | TAOS MXF / SXF HID | A45 | 50 to 150 W |
| | TAOS MXF / SXF HID | S35 | 50 to 150 W |
| | TAOS MXF / SXF HID | A45 | 250 to 400 W |
| | TAOS MXF / SXF HID | S35 | 250 to 400 W |
| | TAOS MXF / SXF HID | RD | 250 to 400 W |
| | TAOS DXF HID | SRD | 35 to 150 W |
| | TAOS DXF HID | A40 | 70 to 150 W |
| | TAOS DXF HID | S30 | 70 to 150 W |
| | TAOS DXF HID | CON | 70 to 150 W |

| DEMON HID SHF | MODEL0 | OPTICS | POWER |
|--|---------------|--------|--------------|
|  | DEMON SHF HID | SRD | 35 to 150 W |
| | DEMON SHF HID | A40 | 70 to 150 W |
| | DEMON SHF HID | S30 | 70 to 150 W |
| | MILOS MXF HID | AS | 250 to 400 W |
| | MILOS MXF HID | S | 250 to 400 W |
| | ETNA LHF HID | RD | 250 to 400 W |
| | DEMON SHF HID | SRD | 35 to 150 W |
| | DEMON SHF HID | A40 | 70 to 150 W |
| | DEMON SHF HID | S30 | 70 to 150 W |
| | DEMON SHF HID | CON | 70 to 150 W |

- High turnover
- N New
- E While stocks last

DEMON HID

Minimalist design decorative HID luminaire with quadrangular shapes

Simon DEMON HID luminaire, model S, bracket fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, small road optics and no dimming. Luminaire Class I, IP66 and IK10. Standard finish in Simon GYTECH colour with bracket decoration in BKTECH colour. Power and lamp socket according to configuration table.

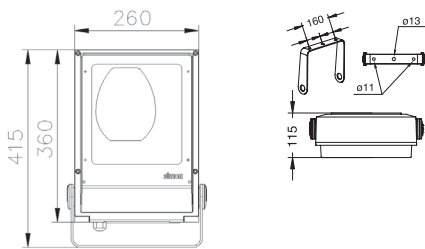


SXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 35 W | G12 | 50-74551 | DEMSXFGTF0SRD_1MH_35G12__EM_1N__C1GYTECH |
| 50 W | E27 | 50-74561 | DEMSXFGTF0SRD_1SM_50E27__EM_1N__C1GYTECH |
| 70 W | E27 | 50-74555 | DEMSXFGTF0SRD_1SM_70E27__EM_1N__C1GYTECH |
| 100 W | G12 | 50-74568 | DEMSXFGTF0SRD_1SM100G12__EM_1N__C1GYTECH |
| 150 W | G12 | 50-74553 | DEMSXFGTF0SRD_1SM150G12__EM_1N__C1GYTECH |

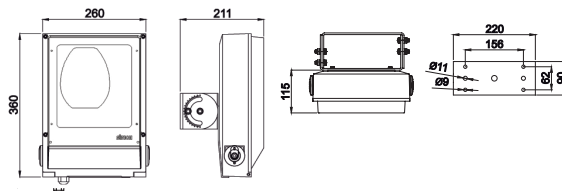
TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF MODEL



Model SXF
Size S
fixing using bracket,
flat cover

0.00



MODEL SHF
Size S
fixing using bracket,
flat cover

0.00

PRICE INCREASE FOR CHANGE OF:

- Change of reflector from SRD to A40 (40° Asymmetric)
- Change of reflector from SRD to S30 (30° Symmetrical)
- Change of reflector from SRD to CON (Conical)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|----------------------------------|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | (230 V – 60 Hz) ** |
| 35 W | + | - | - | - | - | - | - | - | - | + |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

- Change of electrical protection of the luminaire C2
- Colour change from GYTECH to other Simon Lighting colours
- Colour change from GYTECH to other RAL Classic Chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

- High turnover
- N New
- E While stocks last

ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|------------|--|
| 50-74606 | Anti-vandal protection grille with GY9006 finish |

DEMON HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|-------|------------|--|---------|--------|
| 70 W | 50-74582 | DEMSXFGTFOA40_1ST_70RX7S_EM_1N__C1GYTECH | 1N__ | GYTECH |
| 150 W | 50-74583 | DEMSXFGTFOA40_1ST150RX7S_EM_1N__C1GYTECH | 1N__ | GYTECH |
| 70 W | 50-90492 | DEMSXFGTFOSRD_1ST_70E27__EM_1N__C1GY7021 | 1N__ | GY7021 |
| 70 W | 50-74552 | DEMSXFGTFOSRD_1ST_70G12__EM_1N__C1GYTECH | 1N__ | GYTECH |

MILOS HID

Functional HID spotlight luminaire

Simon MILOS HID luminaire, model M, bracket fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, Class I, 230 V ac / 50 Hz power supply, asymmetric optics and no dimming. Luminaire Class I, IP66 and IK09. Standard finish in Simon GYTECH colour with bracket decoration in dark grey. Power and lamp socket according to configuration table.



| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 250 W | E40 | 50-74743 | MILMXFGTF0AS__1S0250E40__EM_1N__C1GYTECH |
| 400 W | E40 | 50-74741 | MILMXFGTF0AS__1S0400E40__EM_1N__C1GYTECH |

Simon MILOS HID luminaire, model S, bracket fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, Class I, 230 V ac / 50 Hz power supply, small road optics and no dimming. Luminaire Class I, IP66 and IK09. Standard finish in Simon GYDECO colour with bracket decoration in dark grey. Power and lamp socket according to configuration table.



| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|---|
| 35 W | G12 | 50-90237 | MILSXF0S0SRD_1MH_35G12__EM_1N__C1GYDECO |
| 50 W | E27 | 50-74764 | MILSXF0S0SRD_1SM_50E27__EM_1N__C1GYDECO |
| 70 W | E27 | 50-74704 | MILSXF0S0SRD_1SM_70E27__EM_1N__C1GYDECO |
| 100 W | G12 | 50-74765 | MILSXF0S0SRD_1SM100G12__EM_1N__C1GYDECO |
| 150 W | G12 | 50-74709 | MILSXF0S0SRD_1SM150G12__EM_1N__C1GYDECO |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of reflector from AS_ to S_ (Symmetrical) Only model MXF

Change of reflector from SRD to AS_ (Asymmetric) Only model SXF

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 35 W | + | - | - | - | - | - | - | - | - | + |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |
| 400 W | + | + | + | - | - | - | - | - | - | + |

1N No dimming
 2N+ Dimming with control line
 2N- Dimming without control line (self-dimming)
 CAD Cabinet amplitude dimming (dimming at electrical panel)
 1-10 Dimming via 1-10 input protocol
 DALI Dimming via DALI input protocol

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from GYTECH to other Simon Lighting colours (model MXF)

Colour change from GYTECH to other RAL Classic Chart colours (model MXF)

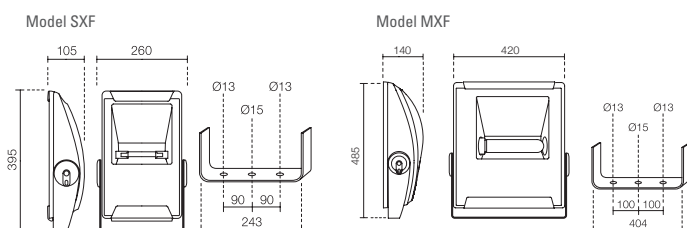
Colour change from GYDECO to other Simon Lighting colours (model SXF)

Colour change from GYDECO to other RAL Classic Chart colours (model SXF)

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

DIMENSIONS



- High turnover
- N New
- E While stocks last

SPARE PARTS DIRECT FROM THE FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---------------------------|
| 50-73321 | MILOS S_LED_ASHID glass |
| 50-73217 | MILOS S_SRD_HID glass |
| 50-73293 | MILOS M_LED_S/ASHID glass |

MILOS HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|--------------|-----------------|--|---------|--------|
| 70 W | 50-74701 | MILSXFGTF0AS__1SO_70RX7S_EM_1N__C1GYTECH | 1N__ | GYTECH |
| 150 W | 50-74703 | MILSXFGTF0AS__1SO150RX7S_EM_1N__C1GYTECH | 1N__ | GYTECH |
| 70 W | 50-90564 | MILSXFGTF0AS__1MT_70RX7S_EG_1N__C1GYTECH | 1N__ | GYTECH |
| 50 W | 50-90603 | MILSXFGTFORD__1MH_50E27__EL_2N-_C1GYDECO | 2N-_ | GYDECO |
| 70 W | 50-90676 | MILSXFGTFORD__1SO_70E27__EL_2N-_C1GYDECO | 2N-_ | GYDECO |
| 150 W | 50-90678 | MILSXFGTFORD__1MH150G12__EL_2N-_C1GYDECO | 2N-_ | GYDECO |
| 150 W | 50-94919 | MILSXFGTFOSRD_1MH150G12__EM_1N__C1BKCLAS | 1N__ | BKCLAS |

FOGO HID

Minimalist design decorative HID spotlight luminaire with conical shapes

Simon FOGO HID luminaire, model M, bracket fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 and IK10. Standard finish in Simon GYTECH colour for the body and BKTECH for cover, ring and bracket decoration. Power and lamp socket according to configuration table.



MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 150 W | E40 | 50-74599 | FOGMXFGTFORD__1SM250E40__EM_1N__C1GYTECH |
| 250 W | E40 | 50-74557 | FOGMXFGTFORD__1SO250E40__EM_1N__C1GYTECH |

Simon FOGO HID luminaire, model S, bracket fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, small road optics and no dimming. Luminaire Class I, IP66 and IK10. Standard finish in Simon GYTECH colour for the body and BKTECH for cover, ring and bracket decoration. Power and lamp socket according to configuration table.



SXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 35 W | G12 | 50-74513 | FOGSXFGTFOSRD_1MH_35G12__EM_1N__C1GYTECH |
| 50 W | E27 | 50-74516 | FOGSXFGTFOSRD_1SM_50E27__EM_1N__C1GYTECH |
| 70 W | E27 | 50-74517 | FOGSXFGTFOSRD_1SM_70E27__EM_1N__C1GYTECH |
| 100 W | G12 | 50-74520 | FOGSXFGTFOSRD_1SM100G12__EM_1N__C1GYTECH |
| 150 W | G12 | 50-74515 | FOGSXFGTFOSRD_1SM150G12__EM_1N__C1GYTECH |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

Change of reflector in Model MXF

Change of reflector from RD_ to S30 (30° Symmetrical)

Change of reflector from RD_ to S90 (90° Symmetrical)

Change of reflector in Model SXF

Change of reflector from SRD to S30 (30° Symmetrical)

Change of reflector from SRD to S90 (90° Symmetrical)

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 35 W | + | - | - | - | - | - | - | - | - | + |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |
| 400 W | + | + | + | - | - | - | - | - | - | + |

| | | | |
|-----|---|------|---|
| 1N | No dimming | CAD | Cabinet amplitude dimming (dimming at electrical panel) |
| 2N+ | Dimming with control line | 1-10 | Dimming via 1-10 input protocol |
| 2N- | Dimming without control line (self-dimming) | DALI | Dimming via DALI input protocol |

PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from GYTECH to other Simon Lighting colours (model MXF)

Colour change from GYTECH to other RAL Classic Chart colours (model MXF)

Colour change from GYTECH to other Simon Lighting colours (model SXF)




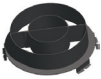
Colour change from GYTECH to other RAL Classic Chart colours (model SXF)

* Confirm configuration restrictions and lamp type in the general catalogue.

** Custom product. Confirm minimum order quantity.

- High turnover
- N New
- E While stocks last

ACCESSORIES DIRECT FROM FACTORY

| FOGO MXF_ACCESSORIES | | FOGO SXF_ACCESSORIES | |
|---|---|--|---|
|  |  |  |  |
| Anti-vandal protective grille, model MXF GY9006 | Concentric anti-glare grille model MXF matt black | Anti-vandal protective grille, model SXF GY9006 | Anti-glare grille, concentric model SXF matt black |
| 50-74602 | 50-74604 | 50-74603 | 50-74605 |
| + | + | + | + |

FOGO HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|---|-----------------|--|---------|--------|
| Model MXF - Electromagnetic Control Gear (EM) - Class I | | | | |
| 250 W | 50-74577 | FOGMXFGTFOS30_1SO250E40__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 400 W | 50-74579 | FOGMXFGTFOS30_1SO400E40__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 150 W | 50-90330 | FOGMXFGTFOS90_1SM150E40__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 150 W | 50-90464 | FOGMXFGTFOS90_1SM150G12__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 400 W | 50-74589 | FOGMXFGTFOS90_1SO400E40__EM_1N__C1GYTECH | 1N__ | GYTECH |
| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
| Model SXF - Electromagnetic Control Gear (EM) - Class I | | | | |
| 70 W | 50-74532 | FOGSXFGTFOS30_1SM_70E27__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 150 W | 50-74534 | FOGSXFGTFOS30_1SM150E40__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 150 W | 50-74544 | FOGSXFGTFOS90_1SM150E40__EM_1N__C1GYTECH | 1N__ | GYTECH |
| 35 W | 50-94890 | FOGSXFGTFOSRD_1MH_35G12__EM_1N__C1BKCLAS | 1N__ | BKCLAS |
| 70 W | 50-74514 | FOGSXFGTFOSRD_1SM_70G12__EM_1N__C1GYTECH | 1N__ | GYTECH |
| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
| Model SXF - Electronic Control Gear (EL) - Class I | | | | |
| 150 W | 50-90479 | FOGSXFGTFOS90_1SO150E40__EL_2N__C1GYTECH | 2N__ | GYTECH |

LORE HID

Industrial aesthetic decorative HID spotlight luminaire with conical shapes

Simon LORE HID luminaire, model M, bracket fixing, flat cover and flat, transparent glass diffuser. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, road optics and no dimming. Luminaire Class I, IP66 and IK09. Standard finish in Simon GY9006 Colour. Power and lamp socket according to configuration table.



MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|--|
| 50 W | E27 | 50-89761 | LORMXFGTFORD__1SM_50E27__EM_1N__C1GY9006 |
| 70 W | E27 | 50-72999 | LORMXFGTFORD__1SM_70E27__EM_1N__C1GY9006 |
| 100 W | E40 | 50-89724 | LORMXFGTFORD__1SM100E40__EM_1N__C1GY9006 |
| 150 W | E40 | 50-89853 | LORMXFGTFORD__1SM150E40__EM_1N__C1GY9006 |
| 250 W | E40 | 50-89859 | LORMXFGTFORD__1S0250E40__EM_1N__C1GY9006 |

TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

CHANGE OF GEAR AND DIMMING

| | Electromagnetic Control Gear EM_ | | | Electronic Control Gear EL_ | | | | | | Electromagnetic Control Gear EG_ (230 V – 60 Hz) ** |
|-------|----------------------------------|-----|-----|-----------------------------|-----|-----|-----|---------|------|---|
| | 1N | 2N+ | 2N- | 1N | 2N+ | 2N- | CAD | 1..10 V | DALI | 1N |
| 50 W | + | - | - | + | + | + | + | + | + | + |
| 70 W | + | + | + | + | + | + | + | + | + | + |
| 100 W | + | + | + | + | + | + | + | + | + | + |
| 150 W | + | + | + | + | + | + | + | + | + | + |
| 250 W | + | + | + | - | - | - | - | - | - | + |

- 1N No dimming
- 2N+ Dimming with control line
- 2N- Dimming without control line (self-dimming)
- CAD Cabinet amplitude dimming (dimming at electrical panel)
- 1-10 Dimming via 1-10 input protocol
- DALI Dimming via DALI input protocol

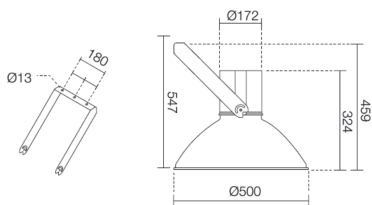
PRICE INCREASE FOR CHANGE OF:

Change of electrical protection of the luminaire C2

Colour change from GY9006 to other Simon Lighting colours
 Colour change from GY9006 to other RAL Classic chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.
 ** Custom product. Confirm minimum order quantity.

DIMENSIONS



PR30 HID

Minimalist design decorative HID spotlight luminaire with conical shapes

BODY

Simon PR30 HID body, model M, bracket fixing and flat cover. With 4 m of pre-wiring with silicone coated 3x4 mm² hose cable, no gear, conical optics and no dimming. Luminaire Class I, IP65 and IK09. Standard finish in Simon GY9006 Colour. Power and lamp socket according to configuration table.




MXF


| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------------------|--------|------------|---|
| 1000 W / 2000 W * | E40 | 50-70461 | P30MXFGTFO___1NG2K_E40__NG_1N__C1GY9006 |

* Supplied with 4 m of silicone covered 3x4 mm² hose cable.

REFLECTORS AND CLOSURE

| ITEM | Ø | ORDER CODE | DESCRIPTION |
|---|-----|------------|---|
|  | 680 | 50-70408 | PR30 aluminium reflector for 1000 W / 2000 W |
| | 680 | 50-70441 | PR30 tinted aluminium reflector for 1000 W / 2000 W |

GEAR HOLDER BOX FOR 1000 AND 2000 W MODELS

| ITEM | CURRENT | ORDER CODE | DESCRIPTION |
|---|---------|------------|---|
|  | 10.3 A | 50-70859 | BOXM 1 x _{HPS} 1000 W 230 V 50 Hz |
| | 9.5 A | 50-70855 | BOXM 1 x _{MH} 1000 W 230 V 50 Hz |
| | 16.5 A | 50-70856 | BOXM 1 x _{MH} 2000 W 230 V 50 Hz |
| | 8.8 A | 50-70857 | BOXM 1 x _{MH} 2000 W 400 V 50 Hz |
| | 10.3 A | 50-70858 | BOXM 1 x _{MH} 2000 W 400 V 50 Hz |
| | 10.3 A | 50-89531 | BOXM 1 x _{MH} 2000 W 400 V ac 50 Hz without built-in starter |

Further information on BOXM gear holder box on page 65.

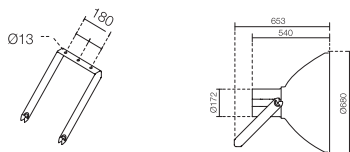
TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:



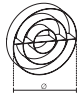

Colour change from GY9006 to other Simon Lighting colours
 Colour change from GY9006 to other RAL Classic chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | Ø | ORDER CODE | DESCRIPTION |
|---|-----|------------|--|
|  | | 50-70884 | Optional bracket for poles with longitudinal slot |
| | | 50-70883 | Bracket for pole with longitudinal slot |
|  | | 50-70133 | Tube attachment clamp Grey cast aluminium, for spotlight to tube of Ø 45 to 90 mm |
|  | 500 | 50-70891 | Concentric anti-glare grille with matt black finish |
| | 590 | 50-70892 | |
|  | 500 | 50-70893 | Anti-vandal protective grille in stainless steel |
| | 590 | 50-70894 | |

- High turnover
- N New
- E While stocks last

PR31 HID

Industrial aesthetic decorative HID spotlight luminaire with conical shapes

GEAR HOLDER BODY

Simon PR31 HID gear holder body, model M, bracket fixing and flat cover. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, conical optics and no dimming. Luminaire Class I, IP65 and IK09. Standard finish in Simon GY9006 Colour. Power and lamp socket according to configuration table.



MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|---|
| 50 W | E27 | 50-90341 | P31MXFGTF0___1SM_50E27__EM_1N__C1GY9006 |
| 70 W | E27 | 50-89657 | P31MXFGTF0___1SM_70E27__EM_1N__C1GY9006 |
| 100 W | E40 | 50-90121 | P31MXFGTF0___1SM100E40__EM_1N__C1GY9006 |
| 150 W | E40 | 50-70465 | P31MXFGTF0___1SM150E40__EM_1N__C1GY9006 |
| 250 W | E40 | 50-70466 | P31MXFGTF0___1S0250E40__EM_1N__C1GY9006 |
| 400 W | E40 | 50-70467 | P31MXFGTF0___1S0400E40__EM_1N__C1GY9006 |

REFLECTORS AND CLOSURE

| ITEM | Ø | ORDER CODE | DESCRIPTION |
|------|-----|------------|--|
| | 500 | 50-70406 | PR31 Ø 500 aluminium reflector, valid for gear holder bodies for powers up to 100 W. |
| | 590 | 50-70407 | PR31 Ø 500 aluminium reflector, valid for gear holder bodies for powers from 150 W to 400 W. |

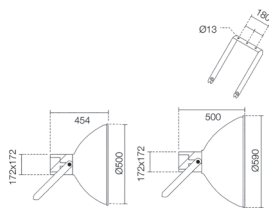
TABLE OF INCREASES WITH REFERENCE TO BASE PRICES

PRICE INCREASE FOR CHANGE OF:

- Colour change from GY9006 to other Simon Lighting colours
- Colour change from GY9006 to other RAL Classic chart colours

* Confirm configuration restrictions and lamp type in the general catalogue.

DIMENSIONS



ACCESSORIES DIRECT FROM FACTORY

| TYPE | Ø | ORDER CODE | DESCRIPTION |
|------|-----|------------|--|
| | | 50-70884 | Optional bracket for poles with longitudinal slot |
| | | 50-70883 | Bracket for pole with longitudinal slot |
| | | 50-70133 | Tube attachment clamp Grey cast aluminium, for spotlight to tube of Ø 45 to 90 mm |
| | 500 | 50-70891 | Concentric anti-glare grille with matt black finish |
| | 590 | 50-70892 | |
| | 500 | 50-70893 | Anti-vandal protective grille in stainless steel |
| | 590 | 50-70894 | |

EGON PR HID E

Industrial aesthetic functional
HID spotlight luminaire

GEAR HOLDER BODY



Simon EGON PR HID gear holder body, model M, bracket fixing and flat cover. With no pre-wiring, electromagnetic control gear, 230 V ac / 50 Hz power supply, conical optics and no dimming. Luminaire Class I, IP65 and IK09. Standard finish in Simon GY9006 Colour. Power and lamp socket according to configuration table.



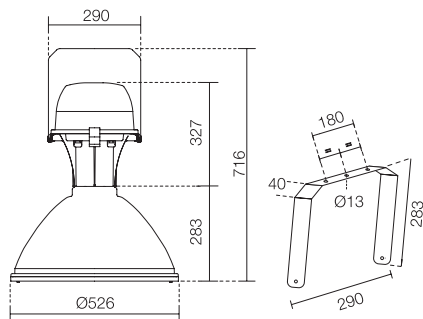
MXF

| POWER | SOCKET | ORDER CODE | OFFER CODE |
|-------|--------|------------|---|
| 50 W | E27 | 50-74488 | EGOMXFGTF0___1SM_50E27__EM_1N__C1GY9006 |
| 70 W | E27 | 50-74489 | EGOMXFGTF0___1SM_70E27__EM_1N__C1GY9006 |
| 100 W | E40 | 50-74390 | EGOMXFGTF0___1SM100E40__EM_1N__C1GY9006 |
| 150 W | E40 | 50-80803 | EGOMXFGTF0___1SM150E40__EM_1N__C1GY9006 |
| 250 W | E40 | 50-80804 | EGOMXFGTF0___1S0250E40__EM_1N__C1GY9006 |
| 400 W | E40 | 50-80805 | EGOMXFGTF0___1S0400E40__EM_1N__C1GY9006 |

REFLECTORS AND CLOSURE

| TYPE | UP | Ø | ORDER CODE | DESCRIPTION |
|---|----|-----|------------|-------------------------------|
|  | 1 | 526 | 50-80863 | Spotlight aluminium reflector |
|  | 1 | 526 | 50-80873 | Glass closure for IP65 |

DIMENSIONS



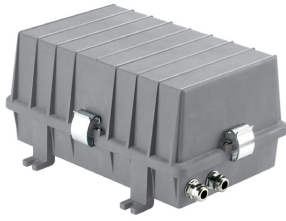
EGON PR HID - CUSTOMIZED PROGRAM CODES

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|-------|------------|-----------------------------------|---------|--------|
| 100 W | 50-74391 | EGOPR/IN_1XSE100_E40_GY9006_2N | 2N__ | GY9006 |
| 100 W | 50-74490 | EGOPR/IN_1XSE100_E40_GY9007 | 1N__ | GY9007 |
| 150 W | 50-80802 | EGOPR/IN_1XSE150_E40_GY9006_2N | 2N__ | GY9006 |
| 150 W | 50-80812 | EGOPR/IN_1XSE150_E40_GY9007_2N | 2N__ | GY9007 |
| 250 W | 50-74394 | EGOPR/IN_1XQE250_E40_GY9006 | 1N__ | GY9006 |
| 250 W | 50-74395 | EGOPR/IN_1XQE250_E40_GY9006_2N | 2N__ | GY9006 |
| 250 W | 50-80806 | EGOPR/IN_1XSE250_E40_GY9006_2N | 2N__ | GY9006 |
| 250 W | 50-80814 | EGOPR/IN_1XSE250_E40_GY9007 | 1N__ | GY9007 |
| 400 W | 50-80815 | EGOPR/IN_1XSE400_E40_GY9007 | 1N__ | GY9007 |
| 400 W | 50-94747 | EGOPR/IN_1XSE400_E40_WH9010 | 1N__ | WH9010 |
| 150 W | 50-80851 | EGOPR/IN_1XSE150_E40_GY9006_C2 | 1N__ | GY9006 |
| 250 W | 50-80868 | EGOPR/IN_1XSE250_E40_GY9007_2N_C2 | 2N__ | GY9007 |
| 400 W | 50-80856 | EGOPR/IN_1XSE400_E40_GY9007_C2 | 1N__ | GY9007 |
| 400 W | 50-80869 | EGOPR/IN_1XSE400_E40_GY9007_2N_C2 | 2N__ | GY9007 |

- High turnover
- New
- While stocks last

BOX M

IP65 waterproof box for discharge lamps of up to 2000 W.

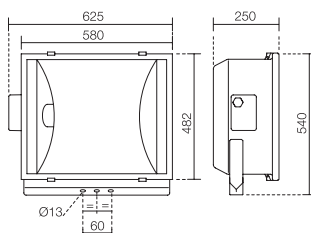


| LAMP (W) | | INT.?? (A) | ORDER CODE | OFFER CODE |
|----------------------|---------------|------------|------------------|--|
| 1x HPS 1000 W | 230 Vac 50 Hz | 10.3 | 50-70859 | BOXM 1xS1000 GY9007 10 TO |
| 1x MH 1000 W | 230 Vac 50 Hz | 9.5 | 50-70855 | BOXM 1xM1000 GY9007 9 TO |
| 1x MH 2000 W | 230 Vac 50 Hz | 16.5 | 50-70856 | BOXM 1xM2000 GY9007 16 A |
| | 400 Vac 50 Hz | 8.8 | 50-70857 | BOXM 1xM2000 GY9007 8 A |
| | 400 Vac 50 Hz | 10.3 | 50-70858 | BOXM 1xM2000 GY9007 10 A |
| | 400 Vac 50 Hz | 10.3 | 50-89531* | BOXM 1xM2000 GY9007 10 A without starter |

* BOX M without built-in starter.

PR4

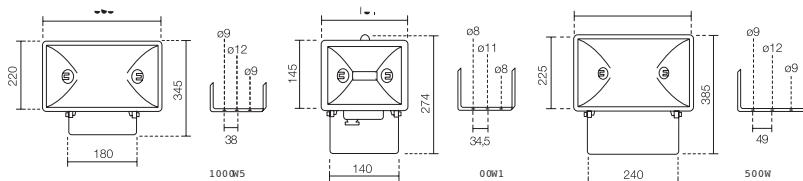
IP65 spotlight in cast aluminium, compatible with all lamps, suitable for general lighting solutions.



| LAMP (W) | HOLD. | REFLECTOR | COLOUR | ORDER CODE | OFFER CODE |
|----------------------|-------|-------------------|--------|-----------------|---------------------------------|
| HPS-MH 1000 W | E-40 | wide intensive | beige | 50-70070 | PR04MB 1xE40 S06C GY7032 GTF NG |
| | | | beige | 50-70069 | PR04MB 1xE40 S06D GY7032 GTF NG |
| MH 2000 W | E-40 | wide intensive | beige | 50-70170 | PR04MB 1xE40 S06C GY7032 GTF NG |
| | | | beige | 50-70169 | PR04MB 1xE40 S06D GY7032 GTF NG |

PR12 E

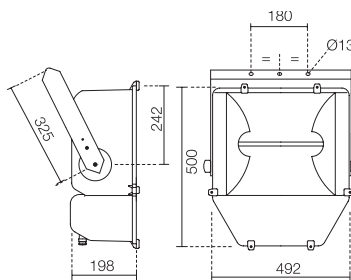
IP55 halogen spotlight, suitable for outdoor lighting (up to 1500 W).



| LAMP (W) | HOLD. | COLOUR | UV | UP | ORDER CODE | OFFER CODE |
|---|-------|--------|----|----|--|--|
| Linear halogen max. 500 W (112 mm) | R7s | white | 20 | 10 | 50-70260 | PR12 1xCY500 R7S WH9010 GTF NG |
| | | black | 20 | 10 | 50-70250 | OUT OF STOCK equivalent REF: 50-70260 |
| Linear halogen, 1000 W | R7s | black | - | 1 | ● 50-70380 | PR12 1xCY1000 R7S BK9005 GTF NG |
| Linear halogen, 1500 W | R7s | black | - | 1 | 50-70381 | PR12 1xCY1500 R7S BK9005 GTF NG |

PR17

IP65 spotlight in technical polymer, suitable for large areas. Multi-purpose due to its wide range of reflectors.



| FINISH | REFLECTOR | POWER | CLASS | CONTROL GEAR | ADJ. | ORDER CODE | OFFER CODE |
|--------|-----------|-------------------|-------|--------------|------|-----------------|---------------------------------------|
| GY7001 | A45 | HPS-MH 150 | CII | EM | 1N | 50-70346 | PR17MB 1xST150 E40 A04C GY7001 GTF C2 |
| GY7001 | A45 | HPS-MH 400 | CII | EM | 1N | 50-70344 | PR17MB 1xST400 E40 A04C GY7001 GTF C2 |
| GY7001 | S40 | HPS-MH 250 | CII | EM | 1N | 50-70326 | PR17MB 1xST250 E40 S04C GY7001 GTF C2 |
| GY7001 | S40 | HPS-MH 400 | CII | EM | 1N | 50-70327 | PR17MB 1xST400 E40 S04C GY7001 GTF C2 |
| GY7001 | S20 | HPS-MH 250 | CII | EM | 1N | 50-70306 | PR17MB 1xST250 E40 S04D GY7001 GTF C2 |
| GY7001 | S20 | HPS-MH 400 | CII | EM | 1N | 50-70307 | PR17MB 1xST400 E40 S04D GY7001 GTF C2 |
| GY7001 | C | HPS-MH 250 | CII | EM | 1N | 50-70315 | PR17MB 1xST250 E40 C02F GY7001 GTF C2 |
| GY7001 | C | HPS-MH 400 | CII | EM | 1N | 50-70316 | PR17MB 1xST400 E40 C02F GY7001 GTF C2 |

- High turnover
- N New
- E While stocks last

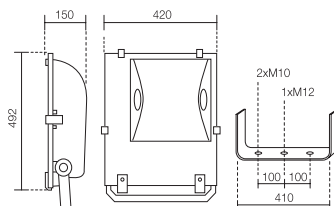
PR17 - CUSTOMIZED PROGRAM CODE

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|-------|------------|--|---------|--------|
| 250 W | 50-70343 | PR17MB_1XST250_E40_A04C_GY7001_GTF_C2 | 1N__ | GY7001 |
| 250 W | 50-89903 | PR17MB_1XST250_E40_A04C_GY7001_GTF_2N_C2 | 2N__ | GY7001 |
| 400 W | 50-70305 | PR17MB_1XMT400_E40_S04D_GY7001_GTF_C2 | 1N__ | GY7001 |
| 100 W | 50-70347 | PR17MB_1XST100_E40_S04C_GY7001_GTF_C2 | 1N__ | GY7001 |
| 150 W | 50-70348 | PR17MB_1XST150_E40_S04C_GY7001_GTF_C2 | 1N__ | GY7001 |
| 250 W | 50-70322 | PR17MB_1XQE250_E40_S04C_GY7001_GTF_C2 | 1N__ | GY7001 |
| 250 W | 50-70330 | PR17MB_1XST250_E40_S04C_GY7001_GTF_2N_C2 | 2N__ | GY7001 |
| 400 W | 50-70323 | PR17MB_1XQE400_E40_S04C_GY7001_GTF_C2 | 1N__ | GY7001 |
| 400 W | 50-70325 | PR17MB_1XMT400_E40_S04C_GY7001_GTF_C2 | 1N__ | GY7001 |

- High turnover
- N New
- E While stocks last

PR40

IP65 spotlight in cast aluminium, compatible with all lamps, suitable for general lighting solutions.



MODELS WITH LAMP

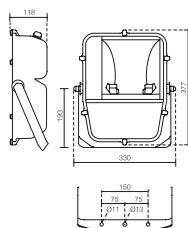
| LAMP (W) | HOLD. | REFLECT. | INT.?? (A) | KIT. | UV | ORDER CODE | FINISH |
|-----------------|-------|--------------|------------|------|----|--|--------|
| MH 250 W | E-40 | symmetrical | 2.15 | | 28 | 50-70383 | GY9007 |
| | | asymmetrical | 2.15 | | | 50-70386 | GY9007 |
| MH 400 W | E-40 | symmetrical | 3.5 | | 28 | ● 50-70384 | GY9007 |
| | | asymmetrical | 3.5 | | | ● 50-70387 | GY9007 |

MODELS WITHOUT LAMP

| LAMP (W) | HOLD. | REFLECT. | INT.?? (A) | KIT. | UV | ORDER CODE | FINISH |
|---------------------|-------|--------------|------------|------|----|-----------------|--------|
| HPS-MH 250 W | E-40 | symmetrical | 3 | — | 28 | 50-70363 | GY9007 |
| | | asymmetrical | 3 | | | 50-70366 | GY9007 |
| HPS-MH 400 W | E-40 | symmetrical | 4.3 | — | 28 | 50-70364 | GY9007 |
| | | asymmetrical | 4.3 | | | 50-70367 | GY9007 |
| MH 250 W | E-40 | symmetrical | 2.15 | — | 28 | 50-70393 | GY9007 |
| | | asymmetrical | 2.15 | | | 50-70396 | GY9007 |
| MH 400 W | E-40 | symmetrical | 3.5 | — | 28 | 50-70394 | GY9007 |
| | | asymmetrical | 3.5 | | | 50-70397 | GY9007 |

PR22

IP65 spotlight in technical polymer. Multi-purpose due to its wide range of reflectors.



| FINISH | REFLECTOR | POWER | CLASS | CONTROL GEAR | ADJ. | ORDER CODE | OFFER CODE |
|--------|-----------|------------|-------|--------------|------|-----------------|---------------------------------------|
| BK9005 | A40 | HPS-MH 70* | CII | EM | 1N | 50-70298 | PR22MB 1xSD70 RX7 A05C BK9005 GTF C2 |
| BK9005 | A40 | HPS-MH 150 | CII | EM | 1N | 50-70300 | PR22MB 1xSD150 RX7 A05C BK9005 GTF C2 |
| BK9005 | S30 | HPS-MH 70* | CII | EM | 1N | 50-70292 | PR22MB 1xSD70 RX7 S05C BK9005 GTF C2 |
| BK9005 | S30 | HPS-MH 70* | CII | EM | 1N | 50-70293 | PR22MB 1xSE70 E27 S05C BK9005 GTF C2 |
| BK9005 | S30 | HPS-MH 150 | CII | EM | 1N | 50-70297 | PR22MB 1xSD150 RX7 S05C BK9005 GTF C2 |
| BK9005 | S20 | HPS-MH 70* | CII | EM | 1N | 50-70289 | PR22MB 1xSD70 RX7 S05B BK9005 GTF C2 |
| BK9005 | S20 | HPS-MH 150 | CII | EM | 1N | 50-70291 | PR22MB 1xSD150 RX7 S05B BK9005 GTF C2 |
| BK9005 | C | HPS-MH 70 | CII | EM | 1N | 50-70286 | PR22MB 1xSD70 RX7 C03F BK9005 GTF C2 |
| BK9005 | C | HPS-MH 150 | CII | EM | 1N | 50-70288 | PR22MB 1xSD150 RX7 C03F BK9005 GTF C2 |

* Use HPS 70 W lamps without built-in starter

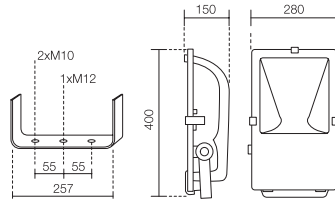
PR22 - CUSTOMIZED PROGRAM CODE

| POWER | ORDER CODE | OFFER CODE | DIMMING | FINISH |
|-------------|-----------------|----------------------------------|---------|--------|
| 70 W | 50-70290 | PR22MB_1XST70_E27_S05B_BK9005_C2 | 1N_ | BK9005 |

- High turnover
- N New
- E While stocks last

PR15

IP65 spotlight in cast aluminium, compatible with all lamps, suitable for general lighting solutions.



MODELS WITH LAMP

| LAMP (W) | HOLD. | INT.?? (A) | KIT. | UV | ORDER CODE | FINISH |
|-----------------|-------|------------|------|----|--|--------|
| MH 150 W | RX7s | 1.8 | | 46 | ● 50-70377 | GY9007 |

MODELS WITHOUT LAMP

| LAMP (W) | HOLD. | INT.?? (A) | KIT. | UV | ORDER CODE | FINISH |
|---------------------|-------|------------|------|----|--|--------|
| HPS-MH 70 W | RX7s | 1 | – | 46 | ● 50-70356 | GY9007 |
| HPS-MH 150 W | RX7s | 1.8 | – | 46 | ● 50-70357 | GY9007 |

NYOS E

IP66 spotlight in cast aluminium, suitable for architectural lighting.

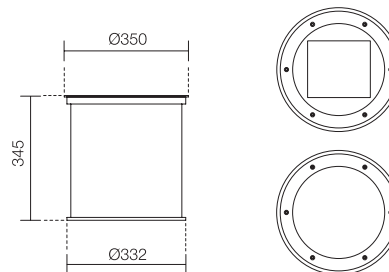


| ORDER CODE | OFFER CODE | EQUIVALENT FOGO OR FOGO ISTANIUM LED | EQUIVALENT SPOTLIGHT OFFER CODE |
|-----------------|----------------------------------|--------------------------------------|---|
| 50-18836 | NYOS 1xMT70 G12 C06E GY9007 GTF | 50-74517 | FOGO SX RD 1XST70 E27 GYTECH/BKTECH |
| 50-18837 | NYOS 1xMT150 G12 C06E GY9007 GTF | 50-74599 | FOGMXFGTF RD 1SM150E40 C1EM 1N GYTECH |
| | | 408-000219012 | FOGSXFGTFORJ_NDL_39W530IA23_1N_CIGYTECH |
| | | 408-000375012 | FOGSXFGTFORJ_NDL_58W530IA23_1N_CIGYTECH |



STROMBOLI LD

IP65 spotlight with stainless steel body suitable for recessing in the ground.

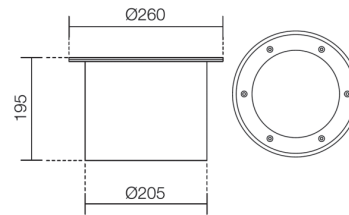


BASE REFERENCES

| GEAR (W) | HOLD. | INT.?? (A) | REFLECTOR | RING CLOSURE | ORDER CODE | OFFER CODE | |
|---------------------|-------|------------|-----------|---------------------------|------------|------------------------------------|--|
| HPS-MH 70 W | | RX7s | 1 | orient. con. asymmetrical | St.St. | 50-18827 50-18817 | STRLD 1xSD70 RX7 C04E AI GTF STRLD 1xSD70 RX7 A06C AI GTF |
| HPS-MH 150 W | | RX7s | 1.8 | orient. con. asymmetrical | St.St. | 50-18828 50-18818 | STRLD 1xSD150 RX7 C04E AI GTF STRLD 1xSD150 RX7 A06C AI GTF |

STROMBOLI MF

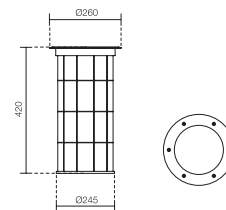
IP65 spotlight with stainless steel body suitable for recessing in the ground.



| GEAR (W) | HOLD. | RING CLOSURE | ORDER CODE | OFFER CODE |
|-------------------|-------|-------------------------|------------|-------------------------------|
| Comp. fluor. 13 W | | G-24 d1 stainless steel | 50-18790 | STRMF 1XFSD13 G24 S08C AI GSF |

STROMBOLI MD

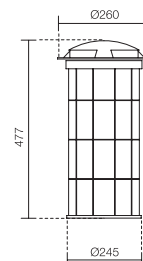
IP65 spotlight with stainless steel body suitable for recessing in the ground.



| GEAR (W) | HOLD. | CUR.?? (A) | REFLECTOR | RING CLOSURE | ORDER CODE | OFFER CODE |
|-------------|-------|------------|--------------|----------------|----------------------|---|
| HPS-MH 70 W | | RX7s 1 | orient. con. | transp. tinted | 50-18833 50-18834 | STRMD 1xSD70 RX7 C05E AI GTF STRMD 1xSD70 RX7 S08C AI CGCLASSF |

STROMBOLI MC

IP65 spotlight with stainless steel body suitable for recessing in the ground.

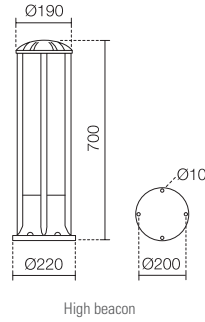


| GEAR (W) | HOLD. | INT.?? (A) | RING CLOSURE | ORDER CODE | OFFER CODE |
|----------|-------|------------|--------------|------------|------------------------------|
| MH 35 W | | G-12 0.53 | St.St. | 50-18782 | STRMC 1xST35 G12 S08C AI GTF |

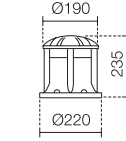
- High turnover
- N New
- E While stocks last

JR1

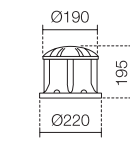
IP65 beacon, suitable for pedestrian areas, parks, gardens and signing.



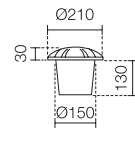
High beacon



Diffuser beacon, top and side emission



Diffuser beacon, top emission



Recessed beacon, top emission

BASE REFERENCES

HIGH BEACON

1 gland / IK07



| LAMP (W) | FINISH | HOLD. | CONTROL GEAR | DIFFUSER | ORDER CODE | OFFER CODE |
|---|--------|-------|--------------|---------------|------------------------------------|--|
| HPS-MH 70 W | CGCLAS | E-27 | 1 | transp tinted | 50-18603 50-18607 | JR01A 1xSE70 E27 L16F CGCLAS MTC JR01A 1xSE70 E27 E001 CGCLAS MMC |
| MV 80 W | CGCLAS | E-40 | 1.2 | transp tinted | 50-18602 50-18606 | JR01A 1xQE80 E27 L16F CGCLAS MTC JR01A 1xQE80 E27 E001 CGCLAS MMC |
| PAR20 / PAR30 75-100 W Does not accept gear | CGCLAS | E-40 | 1.8 | transp tinted | 50-18601 50-18605 | JR01A 1xPAR30 E27 L16F CGCLAS MTC NG JR01A 1xPAR30 E27 E001 CGCLAS MMC NG |
| Comp. fluor. 10-13 W | CGCLAS | E-40 | 3 | transp tinted | 50-18604 50-18608 | JR01A 1xFSD13 G24 L16F CGCLAS MTC JR01A 1xFSD13 G24 E001 CGCLAS MMC |

* Use HPS 70 W lamps without built-in starter

DIFFUSER BEACON, TOP AND SIDE EMISSION

1 gland / IK07



| LAMP (W) | FINISH | HOLD. | CONTROL GEAR | DIFFUSER | ORDER CODE | OFFER CODE |
|---------------------------------|--------|---------|--------------|----------|-----------------|--------------------------------------|
| Integ. comp. fluor. 11 W | CGCLAS | E-27 | - | tinted | 50-18609 | JR01B 1xFBT11 E27 E001 CGCLAS MMC NG |
| Comp. fluor. 10-13 W | CGCLAS | G-24 d1 | 230 V AF | tinted | 50-18610 | JR01B 1xFSD13 G24 E001 CGCLAS MMC |

DIFFUSER BEACON, TOP EMISSION

1 gland / IK09



| LAMP (W) | FINISH | HOLD. | CONTROL GEAR | DIFFUSER | ORDER CODE | OFFER CODE |
|---------------------------------|--------|---------|--------------|----------|-----------------|--------------------------------------|
| Integ. comp. fluor. 11 W | CGCLAS | E-27 | - | tinted | 50-18611 | JR01C 1xFBT11 E27 E001 CGCLAS GML NG |
| Comp. fluor. 10-13 W | CGCLAS | G-24 d1 | 230 V AF | tinted | 50-18612 | JR01C 1xFSD13 G24 E001 CGCLAS GML |


RECESSED BEACON, TOP EMISSION

2 glands / IK09

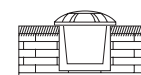


| LAMP (W) | FINISH | HOLD. | CONTROL GEAR | DIFFUSER | ORDER CODE | OFFER CODE |
|---------------------------------|--------|---------|--------------|----------|-----------------|--------------------------------------|
| Integ. comp. fluor. 11 W | CGCLAS | E-27 | - | tinted | 50-18613 | JR01D 1xFBT11 E27 E001 CGCLAS GML NG |
| Comp. fluor. 10-13 W | CGCLAS | G-24 d1 | 230 V AF | tinted | 50-18614 | JR01D 1xFSD13 G24 E001 CGCLAS GML |

ACCESSORIES DIRECT FROM FACTORY

| TYPE | FINISH | ORDER CODE | DESCRIPTION |
|---|--------|-----------------|---------------|
|  | CGCLAS | 50-18801 | Fixing tube** |

For proper installation of recessed models, a drain needs to be arranged.



On the floor surface without fixing tube



Directly to the ground with a fixing tube



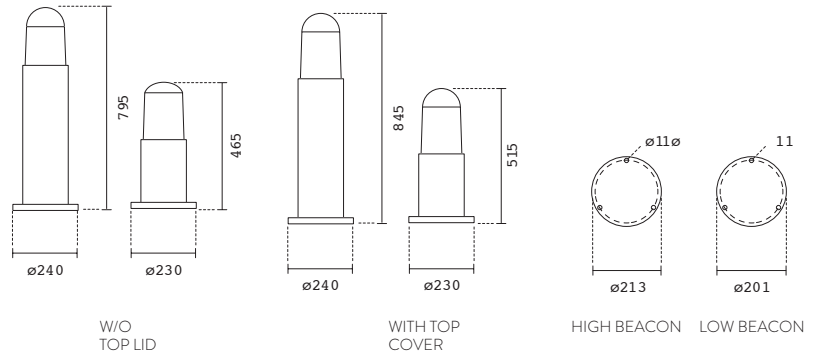
In concrete with a fixing tube

** For 50-18613 and 50-18614 models. Height 220 mm / 180 mm external Ø / 162 mm internal Ø

- High turnover
- N New
- E While stocks last

JR2 E

IP55 in technical polymer, appropriate for private gardens and common areas. Versions with IP44 power plug



MODELS JR2, LOW WITHOUT TOP COVER

| LAMP (W) | HOLD. | SOCK.??? ENC.??? | COLOUR | UV | ORDER CODE | OFFER CODE |
|---|-------|---------------------|--------------|--|------------------------------------|------------|
| Incand. 100 W Integ. comp. fluor. 25 W Dulux-EL 20 W PLCE 20 W | E-27 | | - black 10 | ● 50-18201 | JR02A 1xIA100 E27 BK9005 POC NG | |
| | | | - green 10 | 50-18101 | JR02A 1xIA100 E27 GN6025 POC NG | |
| | | | yes black 10 | 50-18251 | JR02A 1xIA100 E27 BK9005 POC BP NG | |
| | | | yes green 10 | 50-18151 | JR02A 1xIA100 E27 GN6025 POC BP NG | |

MODELS JR2, LOW WITH TOP COVER

| LAMP (W) | HOLD. | SOCK.??? ENC.??? | COLOUR | UV | ORDER CODE | OFFER CODE |
|---|-------|---------------------|--------------|--|------------------------------------|------------|
| Incand. 100 W Integ. comp. fluor. 25 W Dulux-EL 20 W PLCE 20 W | E-27 | | - black 10 | ● 50-18211 | JR02B 1xIA100 E27 BK9005 POC NG | |
| | | | - green 10 | 50-18111 | JR02B 1xIA100 E27 GN6025 POC NG | |
| | | | yes black 10 | 50-18261 | JR02B 1xIA100 E27 BK9005 POC BP NG | |

MODELS JR2, HIGH WITHOUT TOP COVER

| LAMP (W) | HOLD. | SOCK.??? ENC.??? | COLOUR | UV | ORDER CODE | OFFER CODE |
|---|-------|---------------------|------------|--|---------------------------------|------------|
| Incand. 100 W Integ. comp. fluor. 25 W | E-27 | | - black 10 | ● 50-18203 | JR02C 1xIA100 E27 BK9005 POC NG | |
| | | | - green 10 | 50-18103 | JR02C 1xIA100 E27 GN6025 POC NG | |

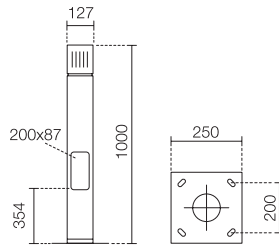
MODELS JR2, HIGH WITH TOP COVER

| LAMP (W) | HOLD. | SOCK.??? ENC.??? | COLOUR | UV | ORDER CODE | OFFER CODE |
|---|-------|---------------------|--------------|--|------------------------------------|------------|
| Incand. 100 W Integ. comp. fluor. 25 W Dulux-EL 20 W PLCE 20 W | E-27 | | - black 10 | ● 50-18213 | JR02D 1xIA100 E27 BK9005 POC NG | |
| | | | - green 10 | 50-18113 | JR02D 1xIA100 E27 GN6025 POC NG | |
| | | | yes black 10 | 50-18263 | JR02D 1xIA100 E27 BK9005 POC BP NG | |
| | | | yes green 10 | 50-18163 | JR02D 1xIA100 E27 GN6025 POC BP NG | |

- High turnover
- N New
- E While stocks last

JR3

IP54 beacon in zinc-coated steel or stainless steel, suitable for pedestrian areas, parks, gardens and signage



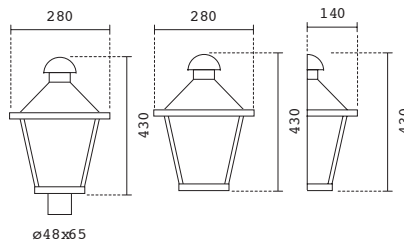
MODELS

| LAMP (W) | | FINISH | HOLD. | ILUM. HOR. | CONTROL GEAR | ORDER CODE | OFFER CODE |
|----------------------------------|--|-----------------------|---------|------------|--------------|-----------------|------------------------------------|
| Integ. comp. fluor. 11 W* | | DGCLAS | E-27 | 180° | - | 50-18320 | JR03 1xFTB11 E27 DGCLAS MOC 180 NG |
| | | DGCLAS | | 360° | - | 50-18322 | JR03 1xFTB11 E27 DGCLAS MOC 360 NG |
| Comp. fluor. 13 W | | DGCLAS SS DGCLASSS | G-24 d1 | 180° | 230 V AF | 50-18321 | JR03 1xFSD13 G24 DGCLAS MOC 180 |
| | | | | 180° | 230 V AF | 50-18331 | JR03 1xFSD13 G24 AI MOC 180 |
| | | | | 360° | 230 V AF | 50-18323 | JR03 1xFSD13 G24 DGCLAS MOC 360 |
| | | | | 360° | 230 V AF | 50-18333 | JR03 1xFSD13 G24 AI MOC 360 |

* Does not accept internal gear

FC2

Classic design IP43 luminaire in technical polymer, appropriate for private gardens and common areas



FC2 MODELS FOR POLES

| LAMP (W) | | HOLD. | DIFFUSER | FINISH | UV | UP | ORDER CODE | OFFER CODE | |
|---|--|-------|----------|--------|--------|----|------------|--|------------------------------------|
| Incandescent, 100 W Integ. comp. fluor. 25 W | | E-27 | | PMMA | BK9005 | 12 | 4 | 50-85097 | FC02A 1xIA100 E27 BK9005 MOF C2 NG |
| | | | | PMMA | GR6025 | 12 | 4 | 50-85098 | FC02A 1xIA100 E27 GN6025 MOF C2 NG |
| | | | | PC | BK9005 | 12 | 4 | ● 50-84501 | FC02A 1xIA100 E27 BK9005 POF C2 NG |
| | | | | PC | GR6025 | 12 | 4 | E 50-84504 | FC02A 1xIA100 E27 GN6025 POF C2 NG |

FC2 SUSPENDED MODELS

Suspension by polyethylene chain (approx. 0.5 m) and polycarbonate rosette

| LAMP (W) | | HOLD. | DIFFUSER | FINISH | UV | UP | ORDER CODE | OFFER CODE |
|----------------------------|--|-------|----------|--------|----|----|-----------------|---------------------------------|
| Incandescent, 100 W | | E-27 | PC | BK9005 | 12 | 1 | 50-84232 | FC02B 1xIA100 E27 BK9005 POF NG |

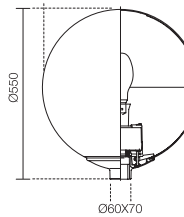
FC2 WALL MODELS

| LAMP (W) | | HOLD. | DIFFUSER | FINISH | UV | UP | ORDER CODE | OFFER CODE |
|--|--|-------|----------|--------|----|----|-----------------|-----------------------------------|
| Incandescent, 60 W Integ. comp. fluor. 20 W | | E-27 | PC | BK9005 | 12 | 4 | 50-84533 | FC02C 1xIA60 E27 BK9005 POF C2 NG |

- High turnover
- N New
- E While stocks last

BL7 E

IP55 decorative ball, suitable for functional roadways, streets, avenues, parks and gardens.



CLASS I. PRISMATIC PMMA

| GEAR (W) | HOLD. | INT.?? (A) | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|-----------------|--------------------------|
| HPS 70 W * | E-27 | 1 | 50-85047 | BL7MP 1xSE70 E27 TR MPS |
| HPS-MH 100 W | E-40 | 1.2 | 50-85575 | BL7MP 1xSE100 E40 TR MPS |
| HPS-MH 150 W | E-40 | 1.8 | 50-85576 | BL7MP 1xSE150 E40 TR MPS |
| HPS-MH 250 W | E-40 | 3 | 50-85577 | BL7MP 1xSE250 E40 TR MPS |
| MV 125 W | E-27 | – | 50-85573 | BL7MP 1xQE125 E27 TR MPS |

* Use HPS 70 W lamps without built-in starter

CLASS I. PRISMATIC POLYCARBONATE

| GEAR (W) | HOLD. | INT.?? (A) | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|-----------------|-----------------------------|
| HPS-MH 100 W | E-40 | 1.2 | 50-85075 | BL7MP 1xSE100 E40 TR PPS |
| HPS-MH 150 W | E-40 | 1.8 | 50-85076 | BL7MP 1xSE150 E40 TR PPS |
| HPS 150 W 2N | E-40 | 1.8 | 50-85083 | BL7MP 1xSE150 E40 TR PPS 2N |
| HPS-MH 250 W | E-40 | 3 | 50-85077 | BL7MP 1xSE250 E40 TR PPS |
| MV 125 W | E-27 | – | 50-85073 | BL7MP 1xQE125 E27 TR PPS |
| MV 250 W | E-40 | – | 50-85074 | BL7MP 1xQE250 E40 TR PPS |

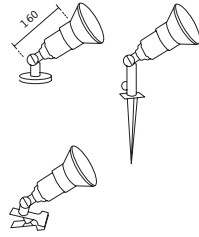
ACCESSORIES DIRECT FROM FACTORY

| TYPE | FINISH | ORDER CODE | DESCRIPTION |
|------|-------------|--|--|
| | BK | ● 50-86819 | Ø 48 mm plug in adapter and fixing screw |
| | CGCLAS | 50-86820 | Cast aluminium trim for CL16 |
| | GY9006 | 50-86824 | Cast aluminium trim for CL16 |
| | GY9007 | 50-86825 | Cast aluminium trim for CL16 |
| | transparent | 50-86828 | Polycarbonate (PC) diffuser |
| | transparent | 50-86829 | PMMA diffuser |

- High turnover
- N New
- E While stocks last

LP2

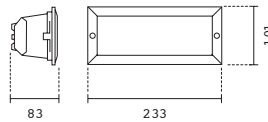
IP65 outdoor PAR spotlight lamp



| LAMP (W) | HOLD. | INSTALLATION | ACAB. | UV | UP | ORDER CODE | FINISH | |
|----------------------|-------|--------------|---------|-------|----|------------|---|--------|
| PAR 38 max. 120 W | E-27 | | base | black | 50 | 10 | ● 50-23364 | BK9005 |
| | | | gripper | black | 50 | 10 | 50-23361 | BK9005 |
| | | | spike | black | 50 | 10 | ● 50-23066 | BK9005 |
| | | | | green | 50 | 10 | ● 50-23056 | GN6025 |

BD7

IP44 wall lamp for recessing in cast aluminium, suitable for gardens and terraces



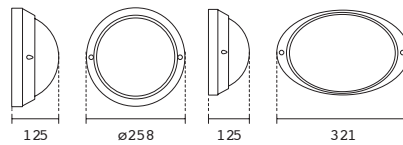
| LAMP (W) | HOLD. | CHARACT. | FINISH | UV | ORDER CODE | OFFER CODE | | |
|---|-------|----------|--------|----------------|------------|---|---------------------------------|---------------------------------|
| Incandescent, 100 W Integ. comp. fluor. 15 W | | E-27 | - | black | 20 | 50-64304 | BD07A 1xIA100 E27 BK9005 GOF NG | |
| | | | | white | 20 | ● 50-64324 | BD07A 1xIA100 E27 WH9003 GOF NG | |
| | | | | grille | black | 20 | 50-64305 | BD07B 1xIA100 E27 BK9005 GOF NG |
| | | | | | white | 20 | 50-64325 | BD07B 1xIA100 E27 WH9003 GOF NG |
| | | | | orient. grille | black | 20 | 50-64306 | BD07C 1xIA100 E27 BK9005 GOF NG |
| | | | | | white | 20 | 50-64326 | BD07C 1xIA100 E27 WH9003 GOF NG |

ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|------|------------|------------------|
| | 50-64316 | BD7 recessed box |

BD9

IP44 wall lamp for recessing in cast aluminium, suitable for gardens and terraces



BD9 CIRCULAR MODELS

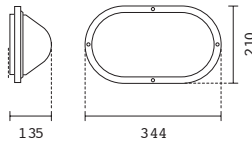
| LAMP (W) | HOLD. | CHARACT. | FINISH | UV | ORDER CODE | OFFER CODE | | |
|---|-------|----------|--------|------------------|------------|------------|---------------------------------|---------------------------------|
| Incand. 100 W Integ. comp. fluor. 15 W | | E-27 | - | black | 10 | 50-64307 | BD09A 1xIA100 E27 BK9005 GOB NG | |
| | | | | white | 10 | 50-64327 | BD09A 1xIA100 E27 WH9003 GOB NG | |
| | | | | grille | black | 10 | 50-64308 | BD09B 1xIA100 E27 BK9005 GOB NG |
| | | | | | white | 10 | 50-64328 | BD09B 1xIA100 E27 WH9003 GOB NG |
| | | | | grille and visor | black | 10 | 50-64309 | BD09C 1xIA100 E27 BK9005 GOB NG |
| | | | | | white | 10 | 50-64329 | BD09C 1xIA100 E27 WH9003 GOB NG |


BD9 OVAL MODELS

| LAMP (W) | HOLD. | CHARACT. | FINISH | UV | ORDER CODE | OFFER CODE | | |
|---|-------|----------|--------|------------------|------------|------------|---------------------------------|---------------------------------|
| Incand. 100 W Integ. comp. fluor. 15 W | | E-27 | - | black | 10 | 50-64310 | BD09D 1xIA100 E27 BK9005 GOB NG | |
| | | | | white | 10 | 50-64330 | BD09D 1xIA100 E27 WH9003 GOB NG | |
| | | | | grille | black | 10 | 50-64311 | BD09E 1xIA100 E27 BK9005 GOB NG |
| | | | | | white | 10 | 50-64331 | BD09E 1xIA100 E27 WH9003 GOB NG |
| | | | | grille and visor | black | 10 | 50-64312 | BD09F 1xIA100 E27 BK9005 GOB NG |
| | | | | | white | 10 | 50-64332 | BD09F 1xIA100 E27 WH9003 GOB NG |

BD3

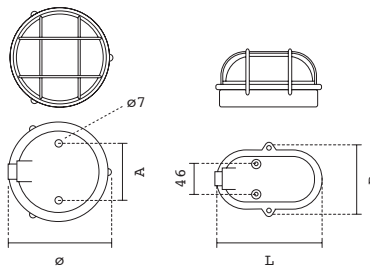
IP54 circular or oval wall lamp in cast aluminium, suitable for gardens and terraces



| LAMP (W) | HOLD. | CHARACT. | FINISH | UV | ORDER CODE | OFFER CODE |
|---|-------|------------------|--------|----|-----------------|---------------------------------|
|  <p>Incand. 100 W Integ. comp. fluor. 23 W</p> | E-27 | - | black | 10 | 50-64301 | BD03A 1xIA100 E27 BK9005 POB NG |
| | | | white | 10 | 50-64321 | BD03A 1xIA100 E27 WH9003 POB NG |
| | | grille | black | 10 | 50-64302 | BD03B 1xIA100 E27 BK9005 POB NG |
| | | | white | 10 | 50-64322 | BD03B 1xIA100 E27 WH9003 POB NG |
| | | grille and visor | black | 10 | 50-64303 | BD03C 1xIA100 E27 BK9005 POB NG |
| | | | white | 10 | 50-64323 | BD03C 1xIA100 E27 WH9003 POB NG |

BD4

IP54 armoured luminaire in cast aluminium, suitable for gardens and terraces



BD4 CIRCULAR MODELS

| LAMP (W) | HOLD. | GRILLE | Ø | A | UV | ORDER CODE | OFFER CODE |
|--------------------------|-------|--------|-----|-----|----|-----------------|-------------------------------------|
| Incand. 60 W | E-27 | yes | 215 | 110 | 12 | 50-64094 | BD04A 1xIA60 E27 GY 7012 GPB WG NG |
| Incand. 100 W | E-27 | - | 225 | 110 | 12 | 50-64040 | BD04A 1xIA100 E27 GY 7012 GPB GL NG |
| | | yes | 225 | 110 | 12 | 50-64095 | BD04A 1xIA100 E27 GY 7012 GPB WG NG |
| Incand. 200 W | E-27 | - | 275 | 160 | 12 | 50-64041 | BD04A 1xIA200 E27 GY 7012 GPB GL NG |
| Integ. comp. fluor. 20 W | E-27 | yes | 275 | 160 | 12 | 50-64096 | BD04A 1xIA200 E27 GY 7012 GPB WG NG |

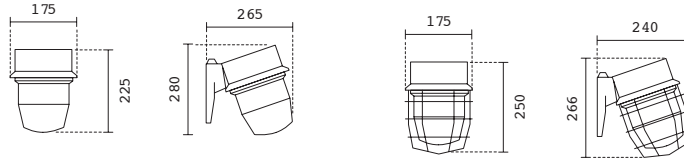
BD4 OVAL MODELS

| LAMP (W) | HOLD. | GRILLE | Ø | A | UV | ORDER CODE | OFFER CODE |
|---------------|-------|--------|-----|-----|----|-----------------|-------------------------------------|
| Incand. 60 W | E-27 | - | 185 | 130 | 10 | 50-64045 | BD04B 1xIA60 E27 GY 7012 GPB GL NG |
| | | yes | 185 | 130 | 10 | 50-64097 | BD04B 1xIA60 E27 GY 7012 GPB WG NG |
| Incand. 100 W | E-27 | - | 200 | 140 | 10 | 50-64046 | BD04B 1xIA100 E27 GY 7012 GPB GL NG |
| | | yes | 200 | 140 | 10 | 50-64098 | BD04B 1xIA100 E27 GY 7012 GPB WG NG |



- High turnover
- N New
- E While stocks last

BD2

IP64 armoured luminaire in cast aluminium, suitable for gardens and terraces



BD2 SUSPENDED MODELS

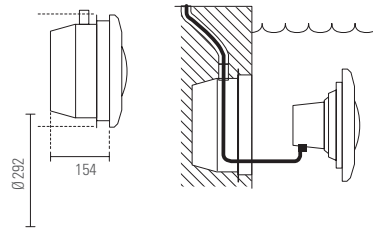
| LAMP (W) | HOLD. | INSTALLATION | GRILLE | UV | ORDER CODE | OFFER CODE |
|--|--|--------------------|--------|-----------------|------------------------------------|------------------------------------|
|  Incand. 200 W Integ. comp. fluor. 23 W |   E-27 | suspension by tube | – | 10 | 50-64201 | BD02A 1xIA200 E27 GY7032 GPB GL NG |
| | | | yes | 10 | 50-64203 | BD02A 1xIA200 E27 GY7032 GPB WG NG |
| | | ceiling fixing | – | 10 | 50-64209 | BD02B 1xIA200 E27 GY7032 GPB GL NG |
| | | yes | 10 | 50-64211 | BD02B 1xIA200 E27 GY7032 GPB WG NG | |

BD2 WALL MODELS

| LAMP (W) | HOLD. | INSTALLATION | GRILLE | UV | ORDER CODE | OFFER CODE |
|--|--|----------------|--------|----|-----------------|------------------------------------|
|  Incand. 200 W Integ. comp. fluor. 23 W |   E-27 | fixing to wall | – | 10 | 50-64217 | BD02C 1xIA200 E27 GY7032 GPB GL NG |
| | | | yes | 10 | 50-64219 | BD02C 1xIA200 E27 GY7032 GPB WG NG |

SU2

IP68 underwater spotlight, in technical polymer, suitable for concrete swimming pools



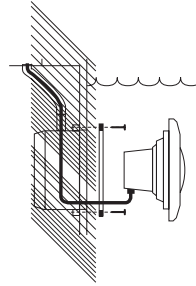
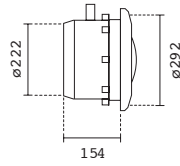
BASE REFERENCES

| LAMP (W) | HOLD. | FINISH | UV | UP | ORDER CODE | OFFER CODE |
|---|-------|--------|----|----|--|--------------------------|
| PAR 56 300 W-12 V  | GX16d | blue | 20 | 4 | ● 50-23051 | SU02 1xPAR56 BL5015 12 V |
| | | white | 20 | 4 | ● 50-23061 | SU02 1xPAR56 WH9010 12 V |

- High turnover
- N New
- E While stocks last

SU3

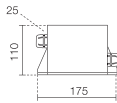
IP68 underwater spotlight, in technical polymer, suitable for prefabricated fibreglass or polyester pools



BASE REFERENCES

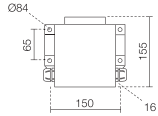
| LAMP (W) | HOLD. | FINISH | UV | UP | ORDER CODE | OFFER CODE | |
|-------------------|---|--------|-------|----|------------|-----------------|--------------------------|
| PAR 56 300 W-12 V |  | GX16d | blue | 20 | 4 | 50-23053 | SU03 1xPAR56 BL5015 12 V |
| | | | white | 20 | 4 | 50-23063 | SU03 1xPAR56 WH9010 12 V |

COMMON TRANSFORMERS



50-23005

**Step-down transformer
max. 300 W**







50-23050

| LAMP (W) | CHARACT. | PROTECTION | DIMENSIONS | ORDER CODE | OFFER CODE |
|----------|---------------|------------|-------------|-----------------|------------------------|
| — | — | IP20 | 95x110x160 | 50-23050 | ZZ TRANSFORMER IP20 SU |
| — | polymeric box | IP65 | 155x175x110 | 50-23055 | ZZ TRANSFORMER IP65 SU |

Single-phase step-down transformers with circuit separation and earthing, for power supply to underwater spotlight with PAR 56 300 W 12 V lamp, with 3 different inputs to compensate for the voltage drop according to distance. Input voltage 230 V. Power 400 VA. Not waterproof. No built-in fuse. Not waterproof. No built-in fuse.

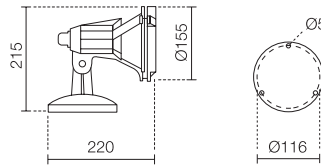
COMMON ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|---|-----------------|-------------------|
|  | 50-86856 | Spare lamp gasket |
|  | 50-23904 | Blue ring |
|  | 50-23902 | White ring |
|  | 50-23805 | PAR56 LED lamp |

- High turnover
- N New
- E While stocks last

SU4

IP68 spotlight, for PAR 38 lamp.



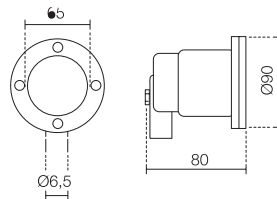
| LAMP (W) | HOLD. | COLOUR | ORDER CODE | OFFER CODE |
|-------------------|-------|--------|---|---------------------------------|
| Par 38 max. 120 W | E-27 | blue | ● 50-23316 | SU04 1xPAR38 E27 BL5015 24 V C3 |

ACCESSORIES DIRECT FROM FACTORY

| DIMENSIONS | ORDER CODE | DESCRIPTION |
|-------------|------------|-------------------------------------|
| | 50-23800 | PAR38 LED lamp |
| 85x96x155 | 50-23049 | Single-phase step-down transformer* |
| 95x110x160 | 50-23050 | Step-down transformer, max. 300 W |
| 155x175x110 | 50-23005 | |

SU7

IP67 spotlight, for dichroic halogen lamp.



| LAMP (W) | HOLD. | COLOUR | UV | UP | ORDER CODE | OFFER CODE |
|--------------------------|--------|--------|----|----|---|--------------------------------|
| 35/50 W dichroic halogen | GU 5.3 | black | 20 | 10 | ● 50-23402 | SU07 1xHRI50 GU5 BK9005 GTF C3 |

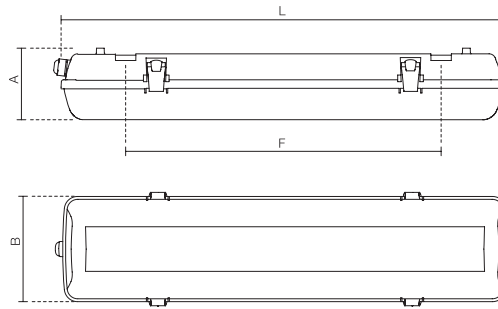
ACCESSORIES DIRECT FROM FACTORY

| TYPE | ORDER CODE | DESCRIPTION |
|------|------------|---|
| | 50-23406 | Ring with top visor in die-cast aluminium |
| | 50-23408 | Ring with projective grille in die-cast aluminium |
| | 50-23404 | Fixing spike in die-cast aluminium |
| | 50-23420 | Single-phase step-down transformer* |

* Single-phase step-down transformer, with circuit separation and ground connection for 230 V, 11.5 V output, 50 W power 50 W. To supply one lamp in model 50-23402. For indoor Class I use. Not waterproof.

FL+ E

IP65 polyester waterproof luminaire, for fluorescent lamps



FL+ MODELS WITH ELECTRONIC CONTROL GEAR + PREHEATING

| LAMP (W) | HOLD. | L | A | B | F | UV | UP | ORDER CODE | OFFER CODE | |
|--------------------|-------|------|------|-----|-----|-----|-----|------------|-----------------|-------------------------------|
| Fluorescent 1 x 36 | | G-13 | 1280 | 100 | 112 | 905 | 108 | 6 | 5-333134 | FL+ 1XFD36 EHC G13 WH9010 MEF |
| Fluorescent 1 x 58 | | G-13 | 1580 | 100 | 112 | 965 | 108 | 6 | 5-333136 | FL+ 1XFD58 EHC G13 WH9010 MEF |
| Fluorescent 2 x 36 | | G-13 | 1280 | 100 | 166 | 905 | 64 | 4 | 5-333144 | FL+ 2XFD36 EHC G13 WH9010 MEF |
| Fluorescent 2 x 58 | | G-13 | 1580 | 100 | 166 | 965 | 64 | 4 | 5-333146 | FL+ 2XFD58 EHC G13 WH9010 MEF |

FL+ MODELS WITH ELECTRONIC CONTROL GEAR

| LAMP (W) | HOLD. | L | A | B | F | UV | UP | ORDER CODE | OFFER CODE | |
|--------------------|-------|------|------|-----|-----|-----|-----|------------|-----------------|-----------------------------|
| Fluorescent 1 x 18 | | G-13 | 675 | 100 | 112 | 473 | 150 | 10 | 5-333232 | FL+ 1XFD18 E G13 WH9010 MEF |
| Fluorescent 1 x 36 | | G-13 | 1280 | 100 | 112 | 905 | 108 | 6 | 5-333234 | FL+ 1XFD36 E G13 WH9010 MEF |
| Fluorescent 1 x 58 | | G-13 | 1580 | 100 | 112 | 965 | 108 | 6 | 5-333236 | FL+ 1XFD58 E G13 WH9010 MEF |
| Fluorescent 2 x 18 | | G-13 | 675 | 100 | 166 | 473 | 96 | 8 | 5-333242 | FL+ 2XFD18 E G13 WH9020 MEF |
| Fluorescent 2 x 36 | | G-13 | 1280 | 100 | 166 | 905 | 64 | 4 | 5-333244 | FL+ 2XFD36 E G13 WH9010 MEF |
| Fluorescent 2 x 58 | | G-13 | 1580 | 100 | 166 | 965 | 64 | 4 | 5-333246 | FL+ 2XFD58 E G13 WH9010 MEF |

For applications with frequent switching on and off luminaires with electronic ballast with preheating need to be used. Consult references and availability.

FL+ LOW FACTOR MODELS

| LAMP (W) | HOLD. | L | A | B | F | UV | UP | PRODUCT CODE | OFFER CODE | |
|--------------------|-------|------|------|-----|-----|-----|-----|--------------|-----------------|---|
| Fluorescent 1 x 18 | | G-13 | 675 | 100 | 112 | 473 | 150 | 10 | 5-333212 | OUT OF STOCK electronic equivalent REF; 5-333232 |
| Fluorescent 1 x 36 | | G-13 | 1280 | 100 | 112 | 905 | 108 | 6 | 5-333214 | OUT OF STOCK electronic equivalent REF; 5-333234 |
| Fluorescent 1 x 58 | | G-13 | 1580 | 100 | 112 | 965 | 108 | 6 | 5-333216 | FL+ 1XFD58 I G13 WH9010 MEF |
| Fluorescent 2 x 18 | | G-13 | 675 | 100 | 166 | 473 | 96 | 8 | 5-333222 | OUT OF STOCK electronic equivalent REF; 5-333242 |
| Fluorescent 2 x 36 | | G-13 | 1280 | 100 | 166 | 905 | 64 | 4 | 5-333224 | OUT OF STOCK electronic equivalent REF; 5-333244 |
| Fluorescent 2 x 58 | | G-13 | 1580 | 100 | 166 | 965 | 64 | 4 | 5-333226 | FL+ 2XFD58 I G13 WH9010 MEF |

FL+ HIGH FACTOR MODELS

| LAMP (W) | HOLD. | L | A | B | F | UV | UP | ORDER CODE | OFFER CODE | |
|--------------------|-------|------|------|-----|-----|-----|-----|------------|-----------------|---|
| Fluorescent 1 x 18 | | G-13 | 675 | 100 | 112 | 473 | 150 | 10 | 5-333211 | OUT OF STOCK electronic equivalent REF; 5-333232 |
| Fluorescent 1 x 36 | | G-13 | 1280 | 100 | 112 | 905 | 108 | 6 | 5-333213 | OUT OF STOCK electronic equivalent REF; 5-333234 |
| Fluorescent 1 x 58 | | G-13 | 1580 | 100 | 112 | 965 | 108 | 6 | 5-333215 | FL+ 1XFD58 C G13 WH9010 MEF |
| Fluorescent 2 x 18 | | G-13 | 675 | 100 | 166 | 473 | 96 | 8 | 5-333221 | OUT OF STOCK electronic equivalent REF; 5-333242 |
| Fluorescent 2 x 36 | | G-13 | 1280 | 100 | 166 | 905 | 64 | 4 | 5-333223 | OUT OF STOCK electronic equivalent REF; 5-333244 |
| Fluorescent 2 x 58 | | G-13 | 1580 | 100 | 166 | 965 | 64 | 4 | 5-333225 | FL+ 2XFD58 C G13 WH9010 MEF |

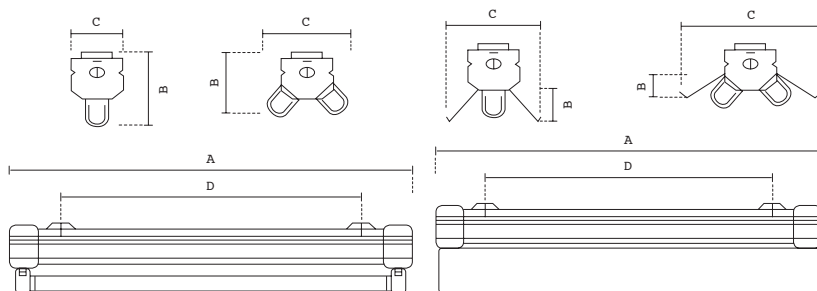
- High turnover
- N New
- E While stocks last

SPARE PARTS DIRECT FROM THE FACTORY

| LAMP (W) | UP | ORDER CODE | DESCRIPTION |
|----------|----|-----------------|---|
| 1x18 | 5 | 5-334212 | ZZ DIFFUSER PMMA 1X18 |
| 1x36 | 5 | 5-334214 | ZZ DIFFUSER PMMA 1X36 |
| 1x58 | 5 | 5-334216 | ZZ DIFFUSER PMMA 1X58 |
| 2x18 | 5 | 5-334222 | ZZ DIFFUSER PMMA 2X18 |
| 2x36 | 5 | 5-334224 | ZZ DIFFUSER PMMA 2X36 |
| 2x58 | 5 | 5-334226 | ZZ DIFFUSER PMMA 2X58 |
| | 10 | 5-334217 | ZZ DIFFUSER CLOSURES PC (10 units) |
| | 10 | 5-334218 | ZZ DIFFUSER CLOSURES ST. STEEL (10 units) |

FL7 E

IP20 sheet steel strip lamp housing for fluorescent lamps



BASE REFERENCES

LOW FACTOR STRIP LAMP MODELS

| LAMP (W) | HOLD. | DIMENSIONS | | | | UV | ORDER CODE | OFFER CODE |
|---------------|-------|------------|-----|-----|------|-----|-----------------|--------------------------|
| | | A | B | C | D | | | |
| 1 x 18 | G-13 | 617 | 87 | 54 | 510 | 300 | 5-325118 | FL7+ 1XFD18 I G13 WH9010 |
| 1 x 36 | G-13 | 1227 | 87 | 54 | 1120 | 240 | 5-325136 | FL7+ 1XFD36 I G13 WH9010 |
| 1 x 58 | G-13 | 1527 | 87 | 54 | 1120 | 240 | 5-325158 | FL7+ 1XFD58 I G13 WH9010 |
| 2 x 18 | G-13 | 617 | 100 | 120 | 510 | 300 | 5-325218 | FL7+ 2XFD18 I G13 WH9010 |
| 2 x 36 | G-13 | 1227 | 100 | 120 | 1120 | 240 | 5-325236 | FL7+ 2XFD36 I G13 WH9010 |
| 2 x 58 | G-13 | 1527 | 100 | 120 | 1120 | 240 | 5-325258 | FL7+ 2XFD58 I G13 WH9010 |

HIGH FACTOR STRIP LAMP MODELS

| LAMP (W) | HOLD. | DIMENSIONS | | | | UV | ORDER CODE | OFFER CODE |
|---------------|-------|------------|-----|-----|------|-----|-----------------|--------------------------|
| | | A | B | C | D | | | |
| 1 x 18 | G-13 | 617 | 87 | 54 | 510 | 300 | 5-326118 | FL7+ 1XFD18 C G13 WH9010 |
| 1 x 36 | G-13 | 1227 | 87 | 54 | 1120 | 240 | 5-326136 | FL7+ 1XFD36 C G13 WH9010 |
| 1 x 58 | G-13 | 1527 | 87 | 54 | 1120 | 240 | 5-326158 | FL7+ 1XFD58 C G13 WH9010 |
| 2 x 18 | G-13 | 617 | 100 | 120 | 510 | 300 | 5-326218 | FL7+ 2XFD18 C G13 WH9010 |
| 2 x 36 | G-13 | 1227 | 100 | 120 | 1120 | 240 | 5-326236 | FL7+ 2XFD36 C G13 WH9010 |
| 2 x 58 | G-13 | 1527 | 100 | 120 | 1120 | 240 | 5-326258 | FL7+ 2XFD58 C G13 WH9010 |

REFLECTORS

Sheet steel reflectors, white colour.

| LAMP (W) | DIMENSIONS | | | UV | ORDER CODE | OFFER CODE |
|----------------------------------|------------|------|-----|----|-----------------|-----------------------------|
| | A | B | C | | | |
| Symmetrical 1 fluorescent | 613 | 43.5 | 110 | 10 | 5-327118 | ZZ REFLECTOR SIM 1x18 FL7+ |
| | 1222 | 43.5 | 110 | 10 | 5-327136 | ZZ REFLECTOR SIM 1x36 FL7+ |
| | 1523 | 43.5 | 110 | 10 | 5-327158 | ZZ REFLECTOR SIM 1x58 FL7+ |
| Symmetrical 2 fluorescent | 613 | 51.5 | 179 | 10 | 5-327218 | ZZ REFLECTOR SIM 2x18 FL7+ |
| | 1222 | 51.5 | 179 | 10 | 5-327236 | ZZ REFLECTOR SIM 2x36 FL7+ |
| | 1523 | 51.5 | 179 | 10 | 5-327258 | ZZ REFLECTOR SIM 2x58 FL7+ |
| Asymmetrical | 613 | 43.5 | 110 | 10 | 5-324118 | ZZ SIDE REFLECTOR 1x18 FL7+ |
| | 1222 | 43.5 | 110 | 10 | 5-324136 | ZZ SIDE REFLECTOR 1x36 FL7+ |
| | 1523 | 43.5 | 110 | 10 | 5-324158 | ZZ SIDE REFLECTOR 1x58 FL7+ |

RAIL

Sheet steel track, white colour. Not including brackets for frame fixing.

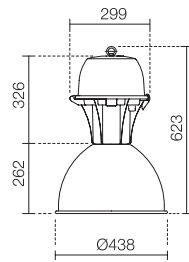
| TRACK FOR FRAME | LENGTH | ORDER CODE | OFFER CODE |
|-----------------|--------|-----------------|-------------------|
| 2 x 58 | 3070 | 5-324626 | ZZ TRACK 2x58 FL7 |
| 3 x 36 | 3714 | 5-324634 | ZZ TRACK 3x36 FL7 |

RAIL ACCESSORIES DIRECT FROM THE FACTORY

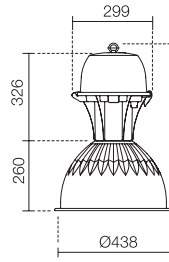
| TYPE | QTY. | ORDER CODE | OFFER CODE |
|--|--------------------------------|-----------------|----------------------------|
| Track/frame connector, 1 strip Accessory for frame mounting | 2 per frame | 5-324607 | ZZ FITTING TRACK 1T FL7 |
| Track/frame connector, 2 strips Accessory for frame mounting | 2 per frame | 5-324609 | ZZ FITTING TRACK 2T FL7+ |
| 1232 mm covering strip Sheet steel cover, white colour | – | 5-324604 | ZZ TRACK COVER 1232 FL7 |
| 1532 mm covering strip Sheet steel cover, white colour | – | 5-324606 | ZZ TRACK COVER 1532 FL7 |
| Connection between tracks Sheet steel connecting element | – | 5-324601 | ZZ TRACK JOINT FL7 |
| Track end cover Sheet steel cover, white colour | – | 5-324605 | ZZ TRACK END COVER FL7 |
| Reflector alignment White polymer alignment element | 2 per joint 1 lateral refl. | 5-324602 | ZZ REFLECTOR ALIGNMENT FL7 |

EGON IN E

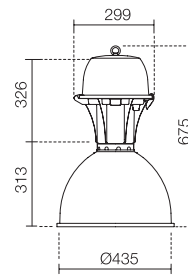
IP65 luminaire suitable for industrial lighting, with eyebolt or bracket fixing options



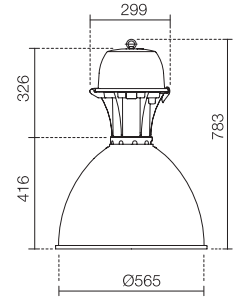
aluminium reflector assy
50-80860



aluminium reflector assy
50-80509



PMMA reflector assy
50-80550



PMMA reflector assy
50-80539

GEAR HOLDER BODY

| GEAR (W) | HOLD. | INT.?? (A) | COLOUR | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|--------|-----------------|---------------------------------|
| HPS-MH 150 W | E-40 | 1.8 | GY9006 | 50-80803 | EGOIN 1xSE150 E40 GY9006 GTF |
| | | | GY9007 | 50-80813 | EGOIN 1xSE150 E40 GY9007 GTF |
| HPS-MH 250 W | E-40 | 3 | GY9006 | 50-80804 | EGOIN 1xSE250 E40 GY9006 GTF |
| | | | GY9007 | 50-80814 | EGOIN 1xSE250 E40 GY9007 GTF |
| HPS 250 W 2N | E-40 | - | GY9006 | 50-80806 | EGOIN 1xSE250 E40 GY9006 GTF 2N |
| | | | GY9007 | 50-80816 | EGOIN 1xSE250 E40 GY9007 GTF 2N |
| HPS-MH 400 W | E-40 | 4.2 | GY9006 | 50-80805 | EGOIN 1xSE400 E40 GY9006 GTF |
| | | | GY9007 | 50-80815 | EGOIN 1xSE400 E40 GY9007 GTF |
| HPS 400 W 2N | E-40 | - | GY9006 | 50-80807 | EGOIN 1xSE400 E40 GY9006 GTF 2N |
| | | | GY9007 | 50-80817 | EGOIN 1xSE400 E40 GY9007 GTF 2N |

GEAR HOLDER BODY WITH MICRO-OUTAGE

Versions equipped with micro-outage protection device with lamp extinguishing, switching on an auxiliary incandescent lamp (max. 250 W) until 3 minutes after discharge lamp repriming.

| GEAR (W) | HOLD. | INT.?? (A) | COLOUR | ORDER CODE | OFFER CODE |
|------------------------|-------|------------|--------|-----------------|---------------------------------|
| HPS-MH 250 W MC | E-40 | 3 | GY9006 | 50-80808 | EGOIN 1xSE250 E40 GY9006 GTF EG |
| | | | GY9007 | 50-80818 | EGOIN 1xSE250 E40 GY9007 GTF EG |
| HPS-MH 400 W MC | E-40 | 4.20 | GY9006 | 50-80809 | EGOIN 1xSE400 E40 GY9006 GTF EG |
| | | | GY9007 | 50-80819 | EGOIN 1xSE400 E40 GY9007 GTF EG |

REFLECTORS

| GEAR (W) | UP | ORDER CODE | OFFER CODE |
|--|----|-----------------|--------------------------|
| Ø 438 mm aluminium reflector | 4 | 50-80860 | RF 256 D438 R05F MB A |
| Ø 438 mm faceted aluminium reflector | 5 | 50-80509 | RF 255 D438 R06F MB A |
| Transp. methacrylate reflector (max. 250 W) Ø 435 | 5 | 50-80550 | RF 290 D435 R07M MB PMMA |
| Transp. methacrylate reflector (max. 400 W) Ø 565 | 5 | 50-80539 | RF 390 D565 R08M MB PMMA |

CLOSURES

| CLOSURES | UP | ORDER CODE | OFFER CODE | |
|-------------------------------|------------------------------|------------|-----------------|-------------------------|
| Glass closure for IP65 | Ø 438 mm for 50-80860 | 4 | 50-80870 | ZZ 256 D438 GLASS COVER |
| | Ø 438 mm for 50-80509 | 1 | 50-80510 | ZZ 255 D438 GLASS COVER |
| PMMA diffuser | Ø 435 mm for 50-80550 | 1 | 50-80530 | ZZ 290 D435 PMMA COVER |
| | Ø 565 mm for 50-80539 | 1 | 50-80540 | ZZ 390 D565 PMMA COVER |
| | Ø 438 mm for 50-80509 | 1 | 50-80549 | ZZ 255 D438 PMMA |

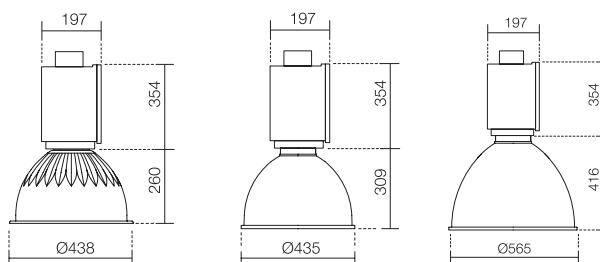
* maximum power 250 W elliptical lamp

ACCESSORIES DIRECT FROM FACTORY

| UP | ORDER CODE | DESCRIPTION |
|----|-----------------|--|
| 4 | 50-80850 | Fixing bracket |
| 1 | 50-80875 | Protective grille for 50-80510 closure |

IN5V

IP20 luminaire suitable for industrial lighting, with IP65 in closed optical group



GEAR HOLDER BODY

| GEAR (W) | HOLD. | INT.?? (A) | REFLECTOR | COLOUR | ORDER CODE | OFFER CODE | |
|---------------------|-------|------------|-----------|--------------------------|------------|-----------------|------------------------------|
| HPS-MH 150 W | | E-40 | – | 50-80509 | RD3000 | 50-80504 | IN05V 1xSE150 E40 RD3000 GTF |
| HPS-MH 250 W | | E-40 | 3 | 50-80550 (max. 250 W) | RD3000 | 50-80505 | IN05V 1xSE250 E40 RD3000 GTF |
| HPS-MH 400 W | | E-40 | – | 50-80539 (max. 400 W) | RD3000 | 50-80506 | IN05V 1xSE400 E40 RD3000 GTF |
| MV 250 W | | E-40 | 4.2 | 50-80539 (max. 400 W) | RD3000 | 50-80502 | IN05V 1xQE250 E40 RD3000 GTF |
| MV 400 W | | E-40 | – | 50-80539 (max. 400 W) | RD3000 | 50-80503 | IN05V 1xQE400 E40 RD3000 GTF |

GEAR HOLDER BODY WITH MICRO-OUTAGE

Versions equipped with micro-outage protection device with lamp extinguishing, switching on an auxiliary incandescent lamp (max. 250 W) until 3 minutes after discharge lamp repriming. Class I

| GEAR (W) | HOLD. | INT.?? (A) | REFLECTOR | COLOUR | ORDER CODE | OFFER CODE | |
|------------------------|-------|------------|-----------|----------|------------|-----------------|---------------------------------|
| HPS-MH 400 W MC | | E-40 | – | 50-80520 | RD3000 | 50-80519 | IN05V 1xSE400 E40 RD3000 GTF EG |

REFLECTORS

| GEAR (W) | UP | ORDER CODE | OFFER CODE |
|---|----|--|--------------------------|
| Ø 438 mm aluminium reflector | 4 | 50-80509 | RF 255 D438 R06F MB A |
| Ø 438 mm faceted aluminium reflector, MC | 5 | ● 50-80520 | RF 255 D438 R06F MB A MC |
| Transp. methacrylate reflector (max. 250 W) Ø 435 | 5 | 50-80550 | RF 290 D435 R07M MB PMMA |
| Transp. methacrylate reflector (max. 400 W) Ø 565 | 5 | 50-80539 | RF 390 D565 R08M MB PMMA |

CLOSURES

| CLOSURES | UP | ORDER CODE | OFFER CODE | |
|-------------------------------|--------------------------|------------|--|-------------------------|
| Glass closure for IP65 | Ø 438 mm for 50-80509/20 | 1 | 50-80510 | ZZ 255 D438 GLASS COVER |
| PMMA diffuser | Ø 435 mm for 50-80550 | 1 | 50-80530 | ZZ 290 D435 PMMA COVER |
| | Ø 565 mm for 50-80539 | 1 | ● 50-80540 | ZZ 390 D565 PMMA COVER |
| | Ø 438 mm for 50-80509/20 | 1 | 50-80549 | ZZ 255 D438 PMMA |

* maximum power 250 W elliptical lamp

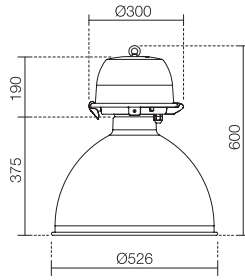
ACCESSORIES DIRECT FROM FACTORY

| ORDER CODE | DESCRIPTION |
|-----------------|---|
| 50-80512 | Eyebolt for fixing with a chain |
| 50-80511 | Ceiling fixing by spigots |
| 50-80875 | Grey protective grille for 50-80510 closure |

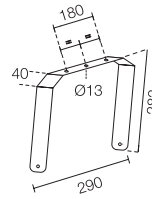
- High turnover
- N New
- E While stocks last

IN40

IP65 luminaire suitable for industrial lighting, in cast aluminium



Aluminium reflector assembly
50-80862



Fixing bracket

x1 ALL-IN-ONE VERSIONS WITH LAMP



| GEAR (W) | HOLD. | INT.?? (A) | UV* | ORDER CODE | OFFER CODE |
|--|-------|------------|-----|--|-------------------------------------|
| MH 250 W + refl. + closure + lamp | E-40 | 2.15 | 16 | 50-80734 | IN40 1xME250 E40 GY9007 A1 D526 KIT |
| MH 400 W + refl. + closure + lamp | E-40 | 3.5 | 16 | ● 50-80735 | IN40 1xME400 E40 GY9007 A1 D526 KIT |

* Full pallet of 16 units (16 bodies + 16 reflectors + 16 closures)

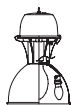
GEAR HOLDER BODY



| GEAR (W) | HOLD. | INT.?? (A) | FINISH | UV | UP | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|--------|----|----|-----------------|--------------------------------|
| HPS-MH 250 W | E-40 | 3 | GY9007 | 16 | 1 | 50-80834 | IN40 1xSE250 E40 IN GY9007 GTF |
| HPS-MH 400 W | E-40 | 4.2 | GY9007 | 16 | 1 | 50-80835 | IN40 1xSE400 E40 IN GY9007 GTF |
| MH 250 W | E-40 | 2.15 | GY9007 | 16 | 1 | 50-80894 | IN40 1xME250 E40 IN GY9007 GTF |
| MH 400 W | E-40 | 3.5 | GY9007 | 16 | 1 | 50-80895 | IN40 1xME400 E40 IN GY9007 GTF |
| MV 250 W | E-40 | - | GY9007 | 16 | 1 | 50-80831 | IN40 1xQE250 E40 IN GY9007 GTF |
| MV 400 W | E-40 | - | GY9007 | 16 | 1 | 50-80832 | IN40 1xQE400 E40 IN GY9007 GTF |

GEAR HOLDER BODY WITH MICRO-OUTAGE

Versions equipped with micro-outage protection device with lamp extinguishing, switching on an auxiliary incandescent lamp (max. 250 W) until 3 minutes after discharge lamp repriming, Class I



| GEAR (W) | HOLD. | INT.?? (A) | FINISH | UV | UP | ORDER CODE | OFFER CODE |
|---------------------|-------|------------|--------|----|----|-----------------|-----------------------------------|
| HPS-MH 250 W | E-40 | 3 | GY9007 | 16 | 1 | 50-80836 | IN40 1xSE250 E40 IN GY9007 GTF CS |
| HPS-MH 400 W | E-40 | 4.2 | GY9007 | 16 | 1 | 50-80837 | IN40 1xSE400 E40 IN GY9007 GTF CS |
| MH 400 W MC | E-40 | 3.5 | GY9007 | 16 | 1 | 50-80897 | IN40 1xME400 E40 IN GY9007 GTF CS |

REFLECTORS



| GEAR (W) | UV | UP | ORDER CODE | OFFER CODE |
|-----------------------------|----|----|-----------------|------------------|
| Ø526 mm aluminium reflector | 16 | 4 | 50-80862 | RF 373 D526 MB A |

ACCESSORIES DIRECT FROM FACTORY

| TYPE | UP | ORDER CODE | DESCRIPTION |
|------|----|-----------------|----------------|
| | 4 | 50-80850 | Fixing bracket |

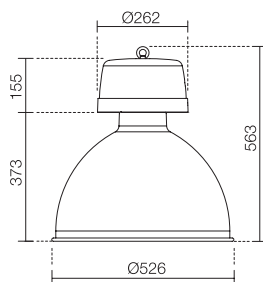
CLOSURES



| CLOSURES | UV | UP | ORDER CODE | OFFER CODE |
|---------------------------|----|----|-----------------|-------------------------|
| Glass closure for Ø526 mm | 16 | 4 | 50-80871 | ZZ 373 D526 GLASS COVER |

IN20

IP65 luminaire in closed optical group, suitable for industrial lighting



Aluminium reflector assembly
50-80862



ALL-IN-ONE VERSIONS WITH LAMP



| GEAR (W) | HOLD. | INT.?? (A) | UV* | ORDER CODE | OFFER CODE | |
|--|-------|------------|------|------------|-----------------|-------------------------------------|
| MH 250 W + refl. + closure + lamp | | E-40 | 2.15 | 16 ● | 50-80724 | IN20 1xME250 E40 GY9007 A1 D526 KIT |
| MH 400 W + refl. + closure + lamp | | E-40 | 3.5 | 16 ● | 50-80725 | IN20 1xME400 E40 GY9007 A1 D526 KIT |

* Full pallet of 16 units (16 bodies + 16 reflectors + 16 closures)

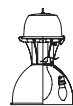
GEAR HOLDER BODY



| GEAR (W) | HOLD. | INT.?? (A) | FINISH | UV | UP | ORDER CODE | OFFER CODE | |
|---------------------|-------|------------|--------|--------|----|------------|-----------------|-----------------------------|
| HPS-MH 250 W | | E-40 | 3 | GY9007 | 16 | 1 | 50-80844 | IN20 1xSE250 E40 GY9007 GTF |
| HPS-MH 400 W | | E-40 | 4.2 | GY9007 | 16 | 1 | 50-80845 | IN20 1xSE400 E40 GY9007 GTF |
| MV 250 W | | E-40 | - | GY9007 | 16 | 1 | 50-80841 | IN20 1xQE250 E40 GY9007 GTF |
| MV 400 W | | E-40 | - | GY9007 | 16 | 1 | 50-80842 | IN20 1xQE400 E40 GY9007 GTF |

GEAR HOLDER BODY WITH MICRO-OUTAGE

Versions equipped with micro-outage protection device with lamp extinguishing, switching on an auxiliary incandescent lamp (max. 250 W) until 3 minutes after discharge lamp repriming. Class I



| GEAR (W) | PORT. | INT.?? (A) | FINISH | UV | UP | ORDER CODE | OFFER CODE | |
|---------------------|-------|------------|--------|--------|----|------------|-----------------|--------------------------------|
| HPS-MH 250 W | | E-40 | 3 | GY9007 | 16 | 1 | 50-80846 | IN20 1xSE250 E40 GY9007 GTF CS |
| HPS-MH 400 W | | E-40 | 4.2 | GY9007 | 16 | 1 | 50-80847 | IN20 1xSE400 E40 GY9007 GTF CS |

REFLECTORS



| GEAR (W) | UV | UP | ORDER CODE | OFFER CODE |
|-------------------------------------|----|----|-----------------|------------------|
| Ø 526 mm aluminium reflector | 16 | 4 | 50-80862 | RF 373 D526 MB A |

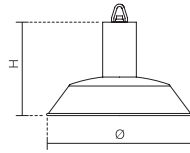
CLOSURES



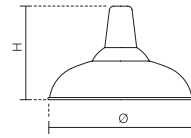
| CLOSURES | UV | UP | ORDER CODE | OFFER CODE |
|-----------------------------------|----|----|-----------------|-------------------------|
| Glass closure for Ø 526 mm | 16 | 4 | 50-80871 | ZZ 373 D526 GLASS COVER |

IN10

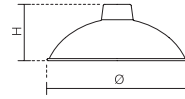
Decorative reflector suitable for commercial lighting.



TYPE II



TYPE III



TYPE IV

TYPE II IN10 MODELS



| LAMP (W) | HOLD. | H | Ø | ORDER CODE | OFFER CODE |
|--------------------------|-------|------------|------------|------------------------------------|--|
| MV 125 W / Incand. 200 W | E-27 | 200 | 255 | 50-80073 | IN10B 1xE27 AN D255 NG |
| MV 250 W / Incand. 300 W | E-40 | 280 305 | 365 440 | 50-80074 50-80076 | IN10B 1xE40 AN D365 NG IN10B 1xE40 AN D440 NG |

TYPE III IN10 MODELS



| REFLECTOR Ø | H | FINISH | ORDER CODE | OFFER CODE |
|-------------|-----|--------|-----------------|----------------------|
| 275 mm | 175 | black | 50-80042 | IN10C BK9005 D275 NG |
| 310 mm | 175 | black | 50-80043 | IN10C BK9005 D310 NG |

TYPE IV IN10 MODELS



| REFLECTOR Ø | H | FINISH | ORDER CODE | OFFER CODE |
|-------------|-----|--------|-----------------|------------------|
| 265 mm | 105 | green | 50-80040 | IN10D GN D265 NG |
| 300 mm | 95 | green | 50-80041 | IN10D GN D300 NG |



REPLACEMENTS

| | | |
|---------------------|---|-----|
| FO2 | É | 138 |
| AP2 | É | 139 |
| AP4 | É | 140 |
| AP5 | É | 141 |
| AP10 | É | 142 |
| PR2 | É | 142 |
| PR10 | É | 143 |
| PR13 | É | 143 |
| IN5H | É | 143 |
| NYOS | É | 144 |
| IN6 | É | 144 |
| IN8 | É | 144 |
| JR9 | É | 145 |
| JR11 | É | 145 |
| VIENA HID | É | 146 |
| VIENA Istanium® LED | É | 146 |

FO2 E

Equivalent replacement



| ORDER CODE | OFFER CODE | HYDRA EQUIVALENT | OFFER CODE |
|------------|--|------------------|--|
| 50-85591 | FO2MP 1XSE70 E27 E001 GY9006 PPB D375 | 50-88542 | HYDMPFATBOSRD_1SM_70E27__EM_1N__C1GYDECO |
| 50-85592 | FO2MP 1XSE70 E27 E001 GY9006 PPB D580 | 50-88542 | HYDMPFATBOSRD_1SM_70E27__EM_1N__C1GYDECO |
| 50-85601 | FO2MP 1XSE70 E27 E001 GY9007 PPB D375 | 50-88542 | HYDMPFATBOSRD_1SM_70E27__EM_1N__C1GYDECO |
| 50-85602 | FO2MP 1XSE70 E27 E001 GY9007 PPB D580 | 50-88542 | HYDMPFATBOSRD_1SM_70E27__EM_1N__C1GYDECO |
| 50-84230 | FO2MP 1XSE70 E27 E001 GN6025 PPB D375 | 50-88542 | HYDMPFATBOSRD_1SM_70E27__EM_1N__C1GYDECO |
| 50-84225 | FO2MP 1XSE70 E27 E001 GN6025 PPB D580 | 50-88542 | HYDMPFATBOSRD_1SM_70E27__EM_1N__C1GYDECO |
| 50-85593 | FO2MP 1XSE100 E40 E001 GY9006 PPB D375 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85594 | FO2MP 1XSE100 E40 E001 GY9006 PPB D580 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85603 | FO2MP 1XSE100 E40 E001 GY9007 PPB D375 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85604 | FO2MP 1XSE100 E40 E001 GY9007 PPB D580 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85593 | FO2MP 1XSE100 E40 E001 GY9006 PPB D375 | | |
| 50-84632 | FO2MP 1XSE100 E40 E001 GN6025 PPB D580 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-84640 | FO2MP 1XSE100 E40 E001 GN6025 PPB D375 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85595 | FO2MP 1XQE125 E27 E001 GY9006 PPB D375 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85596 | FO2MP 1XQE125 E27 E001 GY9006 PPB D580 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85605 | FO2MP 1XQE125 E27 E001 GY9007 PPB D375 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85606 | FO2MP 1XQE125 E27 E001 GY9007 PPB D580 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85607 | FO2MP 1XQE125 E27 E001 GY9007 PPB D375 2 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85608 | FO2MP 1XQE125 E27 E001 GY9007 PPB D580 2 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-84624 | FO2MP 1XQE125 E27 E001 GN6025 PPB D580 2 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-84626 | FO2MP 1XQE125 E27 E001 GN6025 PPB D375 2 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-84227 | FO2MP 1XQE125 E27 E001 GN6025 PPB D375 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-84522 | FO2MP QE125 E27 GY7032 D580 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-84222 | FO2MP 1XQE125 E27 E001 GN6025 PPB D580 | 50-88758 | HYDMPFATBOSRD_1SM100G12__EM_1N__C1GYDECO |
| 50-85599 | FO2LP 1XSE150 E40 E001 GY9006 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-85609 | FO2LP 1XSE150 E40 E001 GY9007 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-84406 | FO2LP 1XSE150 E40 E001 GN6025 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-85600 | FO2LP 1XSE250 E40 E001 GY9006 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-85611 | FO2LP 1XQE250 E40 E001 GY9006 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-85610 | FO2LP 1XSE250 E40 E001 GY9007 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-85612 | FO2LP 1XQE250 E40 E001 GY9007 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-84407 | FO2LP 1XSE250 E40 E001 GN6025 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |
| 50-84405 | FO2LP 1XQE250 E40 E001 GN6025 PPB D580 | 50-88546 | HYDMPFATBOSRD_1SM150G12__EM_1N__C1GYDECO |

AP2 E

Equivalent replacement



| ORDER CODE | OFFER CODE | ZANIAH EQUIVALENT | OFFER CODE |
|------------|---|-------------------|---------------------------------------|
| 50-84429 | AP2MX_1XQE80_E27_P11F_GY7001_MOB_C2 | 50-88980 | ZANMX RD 1XST70 E27 GY9007 GTF C2 |
| 50-84430 | AP2MX_1XQE125_E27_P11F_GY7001_MOB_C2 | 50-88984 | ZANMX RD 1XST100 E40 GY9007 GTF C2 |
| 50-84431 | AP2MX_1XSE70_E27_P11F_GY7001_MOB_C2 | 50-88984 | ZANMX RD 1XST100 E40 GY9007 GTF C2 |
| 50-84432 | AP2MX_1XSE100_E40_P11F_GY7001_MOB_C2 | 50-88936 | ZANMX RD 1XST100 E40 GY9006 GTF 2N C2 |
| 50-84436 | AP2MX_1XSE100_E40_P11F_GY7001_MOB_2N_C2 | 50-88936 | ZANMX RD 1XST100 E40 GY9006 GTF 2N C2 |
| 50-84439 | AP2MX_1XQE80_E27_P11F_GY7001_POB_C2 | 50-88938 | ZANMX RD 1XST150 E40 GY9006 GTF C2 |
| 50-84440 | AP2MX_1XQE125_E27_P11F_GY7001_POB_C2 | 50-88938 | ZANMX RD 1XST150 E40 GY9006 GTF C2 |
| 50-84441 | AP2MX_1XSE70_E27_P11F_GY7001_POB_C2 | 50-88938 | ZANMX RD 1XST150 E40 GY9006 GTF C2 |
| 50-84442 | AP2MX_1XSE100_E40_P11F_GY7001_POB_C2 | 50-88938 | ZANMX RD 1XST150 E40 GY9006 GTF C2 |
| 50-84446 | AP2MX_1XSE100_E40_P11F_GY7001_POB_2N_C2 | 50-88940 | ZANMX RD 1XST150 E40 GY9006 GTF 2N C2 |
| 50-90646 | AP2MX_1XSE70_E27_P11F_GY7001_POB_2N_C2 | 50-88940 | ZANMX RD 1XST150 E40 GY9006 GTF 2N C2 |
| 50-84540 | AP2LX_1XSE100_E40_P11F_GY7001_MOB_C2 | 50-88333 | ZANLX 1XST250 E40 P05F GY9006 GTL C2 |
| 50-84541 | AP2LX_1XQE250_E40_P11F_GY7001_MOB_C2 | 50-88333 | ZANLX 1XST250 E40 P05F GY9006 GTL C2 |
| 50-84542 | AP2LX_1XSE150_E40_P11F_GY7001_MOB_C2 | -- | -- |
| 50-84543 | AP2LX_1XSE250_E40_P11F_GY7001_MOB_C2 | 50-88333 | ZANLX 1XST250 E40 P05F GY9006 GTL C2 |
| 50-84545 | AP2LX_1XQE250_E40_P11F_GY7001_MOB_2N_C2 | 50-88333 | ZANLX 1XST250 E40 P05F GY9006 GTL C2 |
| 50-84546 | AP2LX_1XSE150_E40_P11F_GY7001_MOB_2N_C2 | -- | -- |
| 50-84547 | AP2LX_1XSE250_E40_P11F_GY7001_MOB_2N_C2 | -- | -- |
| 50-84550 | AP2LX_1XSE100_E40_P11F_GY7001_POB_C2 | -- | -- |
| 50-84551 | AP2LX_1XQE250_E40_P11F_GY7001_POB_C2 | -- | -- |
| 50-84552 | AP2LX_1XSE150_E40_P11F_GY7001_POB_C2 | -- | -- |
| 50-84553 | AP2LX_1XSE250_E40_P11F_GY7001_POB_C2 | -- | -- |
| 50-84554 | AP2LX_1XSE100_E40_P11F_GY7001_POB_2N_C2 | -- | -- |
| 50-84556 | AP2LX_1XSE150_E40_P11F_GY7001_POB_2N_C2 | -- | -- |
| 50-84557 | AP2LX_1XSE250_E40_P11F_GY7001_POB_2N_C2 | -- | -- |
| 50-90288 | AP2LX_1XSE250_E40_220V_60Hz_C2_GY7001 | -- | -- |
| 50-90294 | AP2LX_1XSE150_E40_220V_60Hz_GY7001_C2 | -- | -- |
| 50-84672 | ZZ_AP2_LX____COVR__PMMA | -- | -- |
| 50-84656 | ZZ_AP2_MX____COVR__PMMA | -- | -- |
| 50-84659 | ZZ_AP2_LX____COVR__PC | -- | -- |
| 50-84652 | ZZ_AP2_MX____COVR__PC | -- | -- |
| 50-80997 | ZZ_AP2_X____FXNG_INOX | -- | -- |
| 50-80998 | ZZ_AP2LX____FXNG_INOX | -- | -- |

OE mercury models proposed as equivalent to HPS High Pressure Sodium models
 Consult for other models

AP4 E

Equivalent replacement



| ORDER CODE | OFFER CODE | SYRMA EQUIVALENT | OFFER CODE |
|------------|-----------------------------------|------------------|-----------------------------------|
| 50-84761 | AP4ML_1XQE80_E27_P12F_GY7001_POB | 50-86715 | SYRMY 1XST70 E27 P03F GY9007 GTB |
| 50-84762 | AP4ML_1XQE125_E27_P12F_GY7001_POB | 50-86789 | SYRMY 1XST100 E40 P03F GY9006 GTB |
| 50-84763 | AP4ML_1XSE70_E27_P12F_GY7001_POB | 50-86715 | SYRMY 1XST70 E27 P03F GY9007 GTB |
| 50-84764 | AP4ML_1XSE100_E40_P12F_GY7001_POB | 50-86789 | SYRMY 1XST100 E40 P03F GY9006 GTB |
| 50-84793 | AP4ML_1XSE18_B22_P12F_GY7001_POB | 50-86715 | SYRMY 1XST70 E27 P03F GY9007 GTB |
| 50-84794 | AP4ML_1XSE35_B22_P12F_GY7001_POB | 50-86715 | SYRMY 1XST70 E27 P03F GY9007 GTB |
| 50-84830 | AP4LL_1XQE250_E40_P12F_GY7001_POB | 50-86791 | SYRMY 1XST250 E40 P03F GY9006 GTB |
| 50-84831 | AP4LL_1XSE150_E40_P12F_GY7001_POB | 50-86726 | SYRMY 1XST150 E40 P03F BE1015 GTB |
| 50-84832 | AP4LL_1XSE250_E40_P12F_GY7001_POB | 50-86791 | SYRMY 1XST250 E40 P03F GY9006 GTB |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models

AP5 E

Equivalent replacement



| ORDER CODE | OFFER CODE | SYRMA EQUIVALENT | OFFER CODE |
|------------|--|------------------|--------------------------------------|
| 50-90706 | AP5MLFPTBORD__1SM_50E27__EM_1N__C1BE1015 | 50-86715 | SYRMA 1XST70 E27 P03F GY9007 GTB |
| 50-86506 | AP5ML_1XST70_E27_P13F_BE1015_PT | 50-86789 | SYRMA 1XST100 E40 P03F GY9006 GTB |
| 50-86504 | AP5ML_1XQE80_E27_P13F_BE1015_PT | 50-86789 | SYRMA 1XST100 E40 P03F GY9006 GTB |
| 50-90357 | AP5ML_1xM70_E27_BE1015_PT_2N_SLM_ETIM | See SYRMA | -- |
| 50-89837 | AP5ML_1XST70_E27__BE1015_PT_CON_ARRANC. | 50-86726 | SYRMA 1XST150 E40 P03F BE1015 GTB |
| 50-89876 | AP5ML_70W_VMH_E27__BE1015_C2_2N_ETI | 50-86726 | SYRMA 1XST150 E40 P03F BE1015 GTB |
| 50-90528 | AP5ML_1XST70_E27_220V-60Hz_BE1015_PT | 50-86796 | SYRMA 1XST150 E40 P03F GY9006 GTB 2N |
| 50-94236 | AP5ML_EMC1_RD_1xS070_E27_2N+_BE1015 | 50-86726 | SYRMA 1XST150 E40 P03F BE1015 GTB |
| 50-87626 | AP5MLFPTBORD__1SO100E40__EM_2N-_C2BE1015 | 50-86796 | SYRMA 1XST150 E40 P03F GY9006 GTB 2N |
| 50-90652 | AP5MLFPTBORD__1SO100E40__EL_2N-_C2BE1015 | 50-86791 | SYRMA 1XST250 E40 P03F GY9006 GTB |
| 50-86507 | AP5ML_1XST100_E40_P13F_BE1015_PT | 50-86797 | SYRMA 1XST250 E40 P03F GY9006 GTB 2N |
| 50-86518 | AP5ML_1XST100_E40_P13F_BE1015_PT_2N | See SYRMA | -- |
| 50-90030 | AP5ML_1xST100__E40_P13F_BE1015_2N_SLM | 50-86791 | SYRMA 1XST250 E40 P03F GY9006 GTB |
| 50-90356 | AP5ML_1xM100_E40_BE1015_PT_2N_SLM_ETIM | 50-86797 | SYRMA 1XST250 E40 P03F GY9006 GTB 2N |
| 50-86505 | AP5ML_1XQE125_E27_P13F_BE1015_PT | See SYRMA | -- |
| 50-86517 | AP5ML_1XQE125_E27_P13F_BE1015_PT_2N | See SYRMA | -- |
| 50-86609 | AP5LL_1XSE35_B22_P13F_BE1015_PT | See SYRMA | -- |
| 50-86604 | AP5LL_1XST150_E40_P13F_BE1015_PT | 50-86789 | SYRMA 1XST100 E40 P03F GY9006 GTB |
| 50-90167 | AP5LL_1xST150_E40_P13F_BE1015_2N_LAYC | 50-86796 | SYRMA 1XST150 E40 P03F GY9006 GTB 2N |
| 50-90455 | AP5LL_1XST150_E40_60HZ_BE1015_PT | 50-86726 | SYRMA 1XST100 E40 P03F GY9006 GTB |
| 50-89500 | AP5LL_1XMT150_2N_ETIMER_E40_P13F_BE1015 | 50-86726 | SYRMA 1XST100 E40 P03F GY9006 GTB |
| 50-86607 | AP5LL_1XST150_E40_P13F_BE1015_PT_2N | 50-86796 | SYRMA 1XST150 E40 P03F GY9006 GTB 2N |
| 50-86603 | AP5LL_1XQE250_E40_P13F_BE1015_PT | 50-86791 | SYRMA 1XST250 E40 P03F GY9006 GTB |
| 50-86608 | AP5LL_1XST250_E40_P13F_BE1015_PT_2N | 50-86797 | SYRMA 1XST250 E40 P03F GY9006 GTB 2N |
| 50-86605 | AP5LL_1XST250_E40_P13F_BE1015_PT | 50-86791 | SYRMA 1XST250 E40 P03F GY9006 GTB |
| 50-86606 | AP5LL_1XQE250_E40_P13F_BE1015_PT_2N | 50-86797 | SYRMA 1XST250 E40 P03F GY9006 GTB 2N |
| 5-531763 | PLUG IN STEP-DOWN SLEEVE D60-D48x100 GV | -- | -- |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
 Consult for other models

BL2 VERSIONS IN POLYETHYLENE OUT OF STOCK, EQUIVALENT VERSION IN POLYCARBONATE OR SEE EQUIVALENT VERSION IN BR7



| CODE | DESCRIPTION | EQUIVALENT CODE | DESCRIPTION |
|----------|-------------------------------|-----------------|----------------------------|
| 50-84253 | BL2MP 1xSE70 E27 EOS D450 | 50-84675 | BL2MP 1xSE70 E27 POS D400 |
| 50-84581 | BL2MP 1xSE100 E40 EOS D450 | 50-84715 | BL2MP 1xSE100 E40 POS D450 |
| 50-84254 | BL2MP 1xSE150 E40 EOS D550 | 50-84716 | BL2MP 1xSE150 E40 POS D560 |
| 50-84453 | BL2MP 1xSE150 E40 EOS D550 2N | consult | |
| 50-84451 | BL2MP 1xSE250 E40 EOS D550 | 50-84717 | BL2MP 1xSE250 E40 POS D560 |
| 50-84117 | BL2MP 1xQE80 E27 EOS D400 | consult | |
| 50-84251 | BL2MP 1xQE125 E27 EOS D450 | 50-84840 | BL2MP 1xQE125 E27 POS D450 |
| 50-84383 | BL2MP 1xQE125 E27 EOS D450 2N | consult | |
| 50-84252 | BL2MP 1xQE250 E40 EOS D550 | 50-84714 | BL2MP 1xQE250 E40 POS D560 |
| 50-84452 | BL2MP 1xQE250 E40 EOS D550 2N | consult | |

AP10 E

Equivalent replacement



| ORDER CODE | OFFER CODE | VEGA EQUIVALENT | OFFER CODE |
|------------|---------------------------------|-----------------|------------------------|
| 50-84233 | AP10CM 1xE27 E001 GY7032 PTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84113 | AP10CM 1xE27 E001 GY7032 MTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84234 | AP10CL 1xE40 E001 GY7032 PTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84114 | AP10CL 1xE40 E001 GY7032 MTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84023 | AP10OS 1xE27 E001 GY7032 NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84024 | AP10OM 1xE27 E001 GY7032 NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84025 | AP10OL 1xE40 E001 GY7032 NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84233 | AP10CM 1xE27 E001 GY7032 PTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84113 | AP10CM 1xE27 E001 GY7032 MTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84234 | AP10CL 1xE40 E001 GY7032 PTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84114 | AP10CL 1xE40 E001 GY7032 MTB NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84023 | AP10OS 1xE27 E001 GY7032 NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84024 | AP10OM 1xE27 E001 GY7032 NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-84025 | AP10OL 1xE40 E001 GY7032 NG | 50-86446 | VEGA 1XST70 E27 GYTECH |
| 50-86809 | ZZ COVER AP10 CM PC | -- | -- |
| 50-86810 | ZZ COVER AP10 CM PMMA | -- | -- |
| 50-86811 | ZZ COVER AP10 CL PC | -- | -- |
| 50-86812 | ZZ COVER AP10 CL PMMA | -- | -- |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
 Consult for other models

PR2 E

Equivalent replacement



| ORDER CODE | OFFER CODE | ETNA LHF EQUIVALENT | OFFER CODE |
|------------|---------------------------------------|---------------------|---------------------------------------|
| 50-70061 | PR02MB_1XE40_S07C_BE7032_GTF_NG | 50-90777 | ETNLHFGTFORD_1ST100E40_GG_1N_C1GY9007 |
| 50-70062 | PROYECTOR_250-400W_SAP HALOG_CHAPA-AL | 50-90778 | ETNLHFGTFORD_1ST250E40_GG_1N_C1GY9007 |
| 50-70064 | PR02MB_1XMT400_E40_S09C_BE7032_GTF | 50-90779 | ETNLHFGTFORD_1ST400E40_GG_1N_C1GY9007 |
| 50-70065 | PR02MB_1XST250_E40_S09C_BE7032_GTF | 50-90777 | ETNLHFGTFORD_1ST100E40_GG_1N_C1GY9007 |
| 50-70066 | PR02MB_1XST400_E40_S09C_BE7032_GTF | 50-90779 | ETNLHFGTFORD_1ST400E40_GG_1N_C1GY9007 |
| 50-70067 | PR02MB_1XQE250_E40_S09C_BE7032_GTF | 50-90778 | ETNLHFGTFORD_1ST250E40_GG_1N_C1GY9007 |
| 50-70086 | PR02MB_1XST150_E40_S09C_BE7032_GTF | 50-90777 | ETNLHFGTFORD_1ST100E40_GG_1N_C1GY9007 |
| 50-89611 | PR2_RD_1XST70_E27_BE7032_-_ELT | -- | -- |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
 Consult for other models

- High turnover
- N New
- E While stocks last

PR10 E

Equivalent replacement



| ORDER CODE | OFFER CODE | ETNA EQUIVALENT | OFFER CODE |
|-----------------|---------------------------------|-----------------|---|
| 50-70048 | PR10MB 1xCY500 R7S S10C GY7032 | 50-71216 | ETNLH 1XST400 E40 S02C GY9007 GTF |
| 50-70051 | PR10MB 1xCY1000 R7S S10C GY7032 | 50-70608 | ETNLB 1XMT1000 K12 C01F GY9007 GTF NG I |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
Consult for other models

PR13 E



| ORDER CODE | OFFER CODE |
|-----------------|--------------------------------|
| 50-70253 | PR13 1xCY500 R7S BK9005 GTF NG |

PR12 equivalent to PR13, without presence detector

IN5H E

Equivalent replacement



| ORDER CODE | OFFER CODE | IN5V EQUIVALENT | OFFER CODE |
|-----------------|------------------------------|-----------------|------------------------------|
| 50-80524 | 1xSE150 E40 RD3002 GTF | 50-80504 | 1xSE150 E40 RD3000 GTF |
| 50-80525 | IN05H 1xSE250 E40 RD3002 GTF | 50-80505 | IN05V 1xSE250 E40 RD3000 GTF |
| 50-80526 | IN05H 1xSE400 E40 RD3002 GTF | 50-80506 | IN05V 1xSE400 E40 RD3000 GTF |
| 50-80522 | IN05H 1xQE250 E40 RD3002 GTF | 50-80502 | IN05V 1xQE250 E40 RD3000 GTF |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
Consult for other models

NYOS E

Equivalent replacement



| ORDER CODE | OFFER CODE | FOGO EQUIVALENT | OFFER CODE |
|------------|----------------------------------|-----------------|---------------------------------------|
| 50-18836 | NYOS 1xMT70 G12 C06E GY9007 GTF | 50-74517 | FOGO SX RD 1XST70 E27 GYTECH/BKTECH |
| 50-18837 | NYOS 1xMT150 G12 C06E GY9007 GTF | 50-74599 | FOGMXFGTF RD 1SM150E40 C1EM 1N GYTECH |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
 Consult for other models

IN6 E

Equivalent replacement



| ORDER CODE | OFFER CODE | IN20 EQUIVALENT | OFFER CODE |
|------------|---------------------------|-----------------|---|
| 50-80057 | IN060 1xSE70 E27 AN D250 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |
| 50-80010 | IN060 1xSE70 E27 AN D330 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |
| 50-80011 | IN060 1xSE400 E40 AN D345 | ● 50-80725 | IN20 1XSE400 E40 GY9007 A1 D526 GTF KIT |
| 50-80059 | IN06C 1xSE70 E27 AN D250 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |
| 50-80016 | IN06C 1xSE70 E27 AN D330 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
 Consult for other models

IN8 E

Equivalent replacement



| ORDER CODE | OFFER CODE | IN20 EQUIVALENT | OFFER CODE |
|------------|---------------------------|-----------------|---|
| 50-80058 | IIN080 1xSE70 E27 AN D250 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |
| 50-80013 | IN080 1xSE70 E27 AN D330 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |
| 50-80014 | IN080 1xSE400 E40 AN D345 | ● 50-80725 | IN20 1XSE400 E40 GY9007 A1 D526 GTF KIT |
| 50-80060 | IN08C 1xSE70 E27 AN D250 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |
| 50-80019 | IN08C 1xSE70 E27 AN D330 | ● 50-80724 | IN20 1XME250 E40 GY9007 A1 D526 GTF KIT |
| 50-80020 | IN08C 1xSE400 E40 AN D345 | ● 50-80725 | IN20 1XSE400 E40 GY9007 A1 D526 GTF KIT |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
 Consult for other models

- High turnover
- N New
- E While stocks last

JR9 E

Equivalent replacement



| ORDER CODE | OFFER CODE | FC2 EQUIVALENT | OFFER CODE |
|-----------------|--------------------------------|-----------------|------------------------------------|
| 50-18723 | JR09 1xIA100 E27 BK9005 PTF NG | 50-85097 | FC02A 1xIA100 E27 BK9005 MOF C2 NG |
| 50-18753 | JR09 1xIA100 E27 WH9010 PTF NG | -- | -- |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
Consult for other models

JR11 E

Equivalent replacement



| ORDER CODE | OFFER CODE | FC2 EQUIVALENT | OFFER CODE |
|-----------------|---------------------------------|-----------------|------------------------------------|
| 50-18701 | JR11A 1xIA100 E27 BK9005 GTF NG | 50-84533 | FC02C 1xIA60 E27 BK9005 POF C2 NG |
| 50-18731 | JR11A 1xIA100 E27 WH9010 GTF NG | -- | -- |
| 50-18702 | JR11B 1xIA100 E27 BK9005 GTF NG | 50-84533 | FC02C 1xIA60 E27 BK9005 POF C2 NG |
| 50-18732 | JR11B 1xIA100 E27 WH9010 GTF NG | -- | -- |
| 50-18703 | JR11C 1xIA100 E27 BK9005 GTF NG | 50-85097 | FC02A 1xIA100 E27 BK9005 MOF C2 NG |
| 50-18733 | JR11C 1xIA100 E27 WH9010 GTF NG | -- | -- |
| 50-18704 | JR11D 1xIA100 E27 BK9005 GTF NG | -- | -- |
| 50-18734 | JR11D 1xIA100 E27 WH9010 GTF NG | -- | -- |

QE mercury models proposed as equivalent to HPS High Pressure Sodium models
Consult for other models

VIENA HID E

Equivalent replacement



| ORDER CODE | OFFER CODE | PRAGA MPB EQUIVALENT | |
|------------|--|----------------------|--|
| 50-90471 | VIEMPCMTTORD__1SM_50E27__EM_1N__C1BK9005 | 341-000375015 | PRGMPBITFORJ_NDL_58W530IA23_1N__C1BKTECH |
| 50-74218 | VIEMPCMTTORD__1SM_70E27__EM_1N__C1BK9005 | 341-000219015 | PRGMPBITFORJ_NDL_39W530IA23_1N__C1BKTECH |
| 50-74220 | VIEMPCMTTORD__1SM100E40__EM_1N__C1BK9005 | 341-000186015 | PRGMPBITFORJ_NDL_54W700IA23_1N__C1BKTECH |
| 50-74222 | VIEMPCMTTORD__1SM150E40__EM_1N__C1BK9005 | 341-000375015 | PRGMPBITFORJ_NDL_58W530IA23_1N__C1BKTECH |

VIENA Istanium® LED E

Equivalent replacement



| ORDER CODE | OFFER CODE | PRAGA MPB EQUIVALENT | |
|---------------|--|----------------------|--|
| 332-000020018 | VIEMPCMTTORW_NDL_81W700IA23_1N__C1BK9005 | 341-000375015 | PRGMPBITFORJ_NDL_58W530IA23_1N__C1BKTECH |
| 332-000021018 | VIEMPCMTTORW_NDL_54W700IA23_1N__C1BK9005 | 341-000186015 | PRGMPBITFORJ_NDL_54W700IA23_1N__C1BKTECH |
| 332-000022018 | VIEMPCMTTORW_NDL_27W700IA23_1N__C1BK9005 | 341-000378015 | PRGMPBITFORJ_NDL_27W700IA23_1N__C1BKTECH |
| 332-000026018 | VIEMPCMTTORW_NDL_58W530IA23_1N__C1BK9005 | 341-000375015 | PRGMPBITFORJ_NDL_58W530IA23_1N__C1BKTECH |
| 332-000027018 | VIEMPCMTTORW_NDL_39W530IA23_1N__C1BK9005 | 341-000219015 | PRGMPBITFORJ_NDL_39W530IA23_1N__C1BKTECH |
| 332-000028018 | VIEMPCMTTORW_NDL_20W530IA23_1N__C1BK9005 | 341-000380015 | PRGMPBITFORJ_NDL_13W350IA23_1N__C1BKTECH |
| 332-000032018 | VIEMPCMTTORW_NDL_37W350IA23_1N__C1BK9005 | 341-000378015 | PRGMPBITFORJ_NDL_27W700IA23_1N__C1BKTECH |
| 332-000033018 | VIEMPCMTTORW_NDL_25W350IA23_1N__C1BK9005 | 341-000378015 | PRGMPBITFORJ_NDL_27W700IA23_1N__C1BKTECH |
| 332-000034018 | VIEMPCMTTORW_NDL_13W350IA23_1N__C1BK9005 | 341-000380015 | PRGMPBITFORJ_NDL_13W350IA23_1N__C1BKTECH |





LIGHT POINTS AND BRACKETS

SOLAR LIGHTING POINTS

| | |
|----------------|-----|
| CEDRUS SOLAR | 150 |
| MAGNOLIA SOLAR | 151 |

PEDESTRIAN LIGHTING POINTS

| | |
|--|-----|
| TRAFIC DEMON Istanium® LED  | 152 |
| TRAFIC MILOS Istanium® LED  | 154 |

FUNCTIONAL POLES

| | |
|---|-----|
| CLA16 | 156 |
| CL0 | 156 |
| CL0 M | 157 |
| CL1 | 157 |
| CEU | 158 |
| CAM | 158 |
| CU | 159 |
| CIL | 159 |
| ARCO | 160 |
| ARCO M | 160 |
| BC1 | 161 |
| BEU | 161 |
| BAM | 162 |
| ARMS, CLAMPS AND FANLIGHTS FOR POLES | 162 |

| | |
|-------------|-----|
| ALF1 | |
| ALF2 | 163 |
| ALF3 | 164 |
| CROSSPIECES | 165 |
| CR1 | 166 |
| CR2 | 167 |
| CR3 | 167 |
| | 168 |

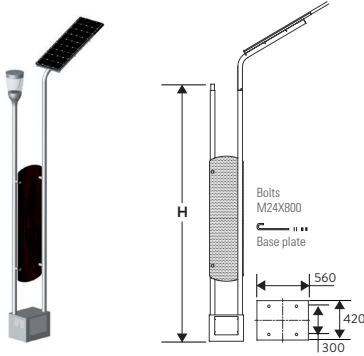
WALL ARMS

| | |
|------------------------|-----|
| BANDEROLA (BM1) | 169 |
| BM13 Classic cast part | 169 |
| BM10 Steel | 170 |
| BM11 Polymer | 170 |
| BM2 Basic lateral | 171 |
| BM5 Basic Post - top | 171 |
| BM9 Basic Post - top | 171 |

CEDRUS SOLAR

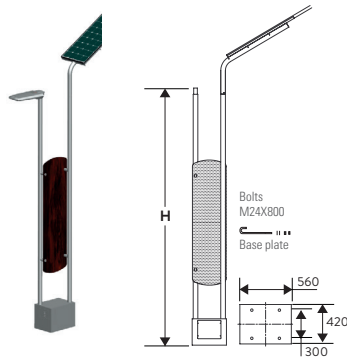
A decorative solar lighting point enabling presentation of an ecological image in companies and local council facilities where they are installed

CEDRUS SOLAR LIGHTING POINT POLE WITH EXTENDED BATTERY LIFE



| Ød / H (mm) | ORDER CODE | OFFER CODE |
|-------------|------------|------------------------------------|
| 4 | 5-630910 | CEDRUS 4 M24X800E300 175W24V30° GV |

CEDRUS SOLAR LIGHTING POINT POLE WITH MEDIUM BATTERY LIFE



| Ød / H (mm) | ORDER CODE | OFFER CODE |
|-------------|------------|------------------------------------|
| 4 | 5-630920 | CEDRUS 4 M24X800E300 130W12V30° GV |

INCREASE FOR PAINTING CEDRUS SOLAR LIGHTING POINT

| | Simon Lighting colours | Other colours from the RAL Classic Chart |
|-----|------------------------|--|
| 4 m | + | + |

LUMINAIRES FOR CEDRUS SOLAR LIGHTING POINT



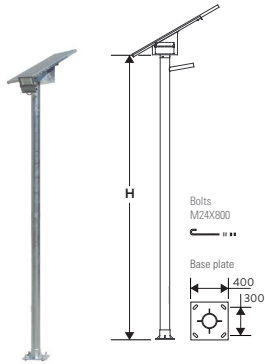
| LUMINAIRE | ORDER CODE | OFFER CODE |
|---------------------|---------------|---|
| HYDRA Istanium®LED | 220-000406013 | HYDMPFATB0RJ_NDL_20W530IA12_2N_-_C3GYDECO |
| NATH S Istanium®LED | 103-000407016 | NATXFGTF0RJ_NDL_17W350IA12_2N_-_C3GY9007 |

For other luminaire configurations (optics, colour temperature, power, dimming and finish) consult page 14 for Nath Istanium®LED and page 19 for Hydra Istanium®LED.

MAGNOLIA SOLAR

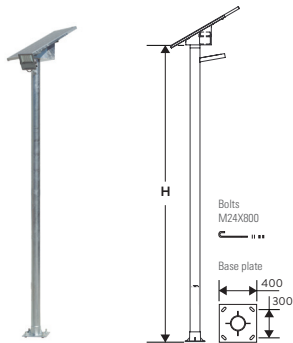
Solar lighting point suitable for natural areas, green lanes, cycle ways and isolated places electricity does not reach.

MAGNOLIA SOLAR LIGHTING POINT WITH EXTENDED BATTERY LIFE (Includes pole, panel, batteries and controller)



| Ød / H (mm) | ORDER CODE | OFFER CODE |
|-------------|------------|--------------------------------------|
| 4 | 5-660124 | MAGNOLIA 4 M24X800E300 175W24V30° GV |
| 5 | 5-660125 | MAGNOLIA 5 M24X800E300 175W24V30° GV |
| 6 | 5-660126 | MAGNOLIA 6 M24X800E300 175W24V30° GV |
| 8 | 5-660128 | MAGNOLIA 8 M24X800E300 175W24V30° GV |

MAGNOLIA SOLAR LIGHTING POINT WITH MEDIUM BATTERY LIFE (Includes pole, panel, batteries and controller)



| Ød / H (mm) | ORDER CODE | OFFER CODE |
|-------------|------------|--------------------------------------|
| 4 | 5-660134 | MAGNOLIA 4 M24X800E300 130W12V30° GV |
| 5 | 5-660135 | MAGNOLIA 5 M24X800E300 130W12V30° GV |
| 6 | 5-660136 | MAGNOLIA 6 M24X800E300 130W12V30° GV |

LUMINAIRES FOR MAGNOLIA SOLAR LIGHTING POINT



| LUMINAIRE | ORDER CODE | OFFER CODE |
|---------------------|---------------|---|
| NATH S Istanium®LED | 103-000407016 | NATSXFGTFORJ_NDL_17W350IA12_2N_-_C3GY9007 |

For other luminaire configurations (optics, colour temperature, power, dimming and finish) consult page 14 for Nath Istanium® LED and page 27 for Milos Istanium®LED.

TRAFIC DEMON

Istanium® LED N

LED lighting point for lighting pedestrian transit areas with pedestrian movement detector

SIMON TRAFIC DEMON Istanium® lighting point, comprising 5 m vertical cylindrical pole, with flush trapdoor and stamped base plate, ALF1 fixing clamp and mounting of DEMON Istanium® LED spotlight luminaire. Tubular structural steel pole, with stamped steel flange plate. IP 3X and IK10 protection rating extendable to IP44 using internal junction box and hot dip galvanised finish. Standard finish according to the configuration table. Lateral luminaire fixing by means of ALF1 type aluminium clamp finish WH9003, specific for fixing luminaire with bracket. Enables the luminaire to be inclined with respect to the vertical. Simon DEMON luminaire, model S, minimalist design, quadrangular forms, lateral fixing by means of bracket, flat cover, flat, transparent, tempered glass diffuser. Class I, IP66 for complete luminaire and IK10. No pre-wiring, supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with double asymmetric TRF optics, specifically for lighting pedestrian transit areas, with high uniformity in the transit area and low glare to traffic, multi-optics to guarantee homogeneity of photometry, with maximum range at 47.5° and maximum dispersion at 34.2°, neutral daylight. Optical group comprising high-efficiency LEDs. LOR performance of 93% to 82%. Upward Light Output Ratio (ULOR) of less than 1% mounted at 0°, valid for E1 zones, certified by the Canary Islands Astrophysical Institute (IAC) Sky Quality Office. Dimming with pedestrian movement detector, optional without dimming, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLD). Standard finish for aluminium body and fixing bracket painted according to base reference table and bracket trim in WH9003. Maximum dimensions of 360x260x115 cm with opening using M5 stainless steel Allen screws. Supply power and current and finish according to configuration table.



TRFPED
PEDESTRIAN

| POWER | SUPPLY CURRENT | LIGHT FLUX | ORDER CODE | OFFER CODE | PVR T78 |
|-------|----------------|---------------------------------|--|--|---------|
| 54 W | 700 mA | (5700 lumen at 4000 K) 24 LEDs | N 500-000830603 | TRFDES05SPTRFNDL_54W700IA23_MOV_C1TRFPED | 1447.00 |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | N 500-000846603 | TRFDES05SPTRFNDL_39W530IA23_MOV_C1TRFPED | 1432.00 |
| 27 W | 700 mA | (3000 lumen at 4000 K) 12 LEDs | N 500-000847603 | TRFDES05SPTRFNDL_27W700IA23_MOV_C1TRFPED | 1402.00 |
| 20 W | 530 mA | (2400 lumen at 4000 K) 12 LEDs | N 500-000848603 | TRFDES05SPTRFNDL_20W530IA23_MOV_C1TRFPED | 1372.00 |



TRFSCL
SCHOOL

| POWER | SUPPLY CURRENT | LIGHT FLUX | ORDER CODE | OFFER CODE | PVR T78 |
|-------|----------------|---------------------------------|--|--|---------|
| 54 W | 700 mA | (5700 lumen at 4000 K) 24 LEDs | N 500-000830604 | TRFDES05SPTRFNDL_54W700IA23_MOV_C1TRFSCL | 1447.00 |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | N 500-000846604 | TRFDES05SPTRFNDL_39W530IA23_MOV_C1TRFSCL | 1432.00 |
| 27 W | 700 mA | (3000 lumen at 4000 K) 12 LEDs | N 500-000847604 | TRFDES05SPTRFNDL_27W700IA23_MOV_C1TRFSCL | 1402.00 |
| 20 W | 530 mA | (2400 lumen at 4000 K) 12 LEDs | N 500-000848604 | TRFDES05SPTRFNDL_20W530IA23_MOV_C1TRFSCL | 1372.00 |

| | | | HEIGHT SELECTION | |
|------------|---|--|----------------------------------|------|
| TRFDES05SP | Simon TRAFIC DEMON Istanium® lighting point, height 5000 mm, trapdoor and base plate Spanish market | | | 1068 |
| TRFDES06SP | Simon TRAFIC DEMON Istanium® lighting point, height 6000 mm, trapdoor and base plate Spanish market | | | 1245 |
| | | | OPTICS SELECTION | |
| TRF | TRF - Traffic optics | | | 0 |
| | | | COLOUR TEMPERATURE SELECTION | |
| NDL | NDL (neutral daylight) colour temperature | | | 0 |
| WDL | WDL (warm daylight) colour temperature | | | 0 |
| | | | OPTICAL GROUP POWER SELECTION | |
| _81W700 | 81 W 700 mA (8400 lumen at 4000 K) 36 LEDs | | | 92 |
| _58W530 | 58 W 530 mA (6900 lumen at 4000 K) 36 LEDs | | | 92 |
| _54W700 | 54 W 700 mA (5700 lumen at 4000 K) 24 LEDs | | | 0 |
| _39W530 | 39 W 530 mA (4600 lumen at 4000 K) 24 LEDs | | | 0 |
| _27W700 | 27 W 700 mA (3000 lumen at 4000 K) 12 LEDs | | | -45 |
| _20W530 | 20 W 530 mA (2400 lumen at 4000 K) 12 LEDs | | | -75 |
| _13W350 | 13 W 350 mA (1600 lumen at 4000 K) 12 LEDs | | | -75 |
| | | | OVERVOLTAGE PROTECTION SELECTION | |
| IA23_ | Electrical power supply 230 V ac 50/60 Hz, standard overvoltage protection 4 kV | | | 0 |
| IA23S | Electrical power supply 230 V ac 50/60 Hz, additional overvoltage protection 10 kV | | | 39 |
| | | | DIMMING SELECTION | |
| 2N_ | Dimming without control line (self-dimming) | | | 47 |
| 2N+ | Dimming with control line | | | 65 |
| 1N_ | No dimming (on/off) | | | 0 |
| CAD_ | Cabinet amplitude dimming (dimming at electrical panel) | | | 47 |
| 1..10 | Dimming via 1-10 input protocol | | | 47 |
| DALI | Dimming via DALI input protocol | | | 47 |
| MOV_ | Pedestrian movement detection | | | 379 |
| | | | ELECTRICAL PROTECTION SELECTION | |
| C1 | Class 1 luminaire electrical protection | | | 0 |
| C2 | Class 2 luminaire electrical protection | | | 16 |
| | | | FINISH SELECTION | |
| TRFPED | TRFPED finish, Pedestrian Traffic | | | 0 |
| TRFSCL | TRFSCL finish, School Traffic | | | 0 |

| TRFDES0_ SP | TRF | ___ | ___ W ___ | IA23 _ | ___ | C _ | TRF ___ | Total unit price |
|---|------------|--------------------|---------------------------------------|---|---------|-----------------------|---------|------------------|
| Range, model and height. Trapdoor and base plate Spanish market | TRF optics | Colour temperature | Optical group power Supply current | Supply voltage: Overvoltage protection | Dimming | Electrical protection | Finish | |

| Configuration example | | | | | | | | Quantity |
|--|------------|----------------------------|---|--|--|-------------------------------|------------------------------------|----------|
| TRFDES5SP | TRF | NDL | _39W530 | IA23 _ | MOV_ | C1 | TRFPED | |
| TRAFIC range, DEMON SXF spotlight and 5 m high. Trapdoor and base plate Spanish market | TRF optics | Neutral colour temperature | Rated power of the optical group 39 W High Balance supply current | Supply voltage 230 V ac 50/60 Hz Overvoltage protection 4.5 kV | Pedestrian movement detection dimming | Class I electrical protection | TRFPED finish – Pedestrian Traffic | |

TRAFIC MILOS Istanium® LED N

LED lighting point for lighting pedestrian transit areas

SIMON TRAFIC MILOS Istanium® lighting point, comprising 5 m vertical cylindrical pole, with flush trapdoor and stamped base plate, ALF1 fixing clamp and mounting of MILOS Istanium® LED spotlight luminaire. Tubular structural steel pole, with stamped steel flange plate. IP 3X and IK10 protection rating extendable to IP44 using internal junction box and hot dip galvanised finish. Standard finish according to the configuration table. Lateral luminaire fixing by means of ALF1 type aluminium clamp finish WH9003, specific for fixing luminaire with bracket. Enables the luminaire to be inclined with respect to the vertical. Simon MILOS luminaire, model S, lateral bracket fixing, flat cover, flat, transparent, tempered glass diffuser. Class I, IP66 for complete luminaire and IK09. No pre-wiring, supply voltage 230 V ac/50 Hz Istanium® LED multi-array optical group, with double asymmetric TRF optics, specifically for lighting pedestrian transit areas, with high uniformity in the transit area and low glare to traffic, multi-optics to guarantee homogeneity of photometry, with maximum range at 47.5° and maximum dispersion at 34.2°, neutral daylight. Optical group comprising high-efficiency LEDs. LOR performance of 93% to 82%. Upward Light Output Ratio (ULOR) of less than 1% mounted at 0°, valid for E1 zones, certified by the Canary Islands Astrophysical Institute (IAC) Sky Quality Office. Without dimming, optional, with control line 2N+, without control line (self-dimming) 2N-, CAD cabinet amplitude dimming, for telemanagement, 1-10 input or DALI. Custom programming and optional constant flow output (CLO). Standard finish for aluminium body and fixing bracket painted according to base reference table and bracket trim in WH9003. Maximum dimensions of 260x395x105 with tool-free lever opening Supply power and current and finish according to configuration table.



**TRFPED
PEDESTRI-
AN**

| POWER | SUPPLY CUR- RENT | LIGHT FLUX | ORDER CODE | OFFER CODE | PVR T78 |
|-------------|---------------------|---------------------------------|---|--|---------------|
| 54 W | 700 mA | (5700 lumen at 4000 K) 24 LEDs | N 502-000833603 | TRFMIS05SPTRFNDL_54W700IA23_1N__C1TRFPED | 931.00 |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | N 502-000834603 | TRFMIS05SPTRFNDL_39W530IA23_1N__C1TRFPED | 916.00 |
| 27 W | 700 mA | (3000 lumen at 4000 K) 12 LEDs | N 502-000835603 | TRFMIS05SPTRFNDL_27W700IA23_1N__C1TRFPED | 886.00 |
| 20 W | 530 mA | (2400 lumen at 4000 K) 12 LEDs | N 502-000836603 | TRFMIS05SPTRFNDL_20W530IA23_1N__C1TRFPED | 856.00 |



**TRFSCL
SCHOOL**

| POWER | SUPPLY CUR- RENT | LIGHT FLUX | ORDER CODE | OFFER CODE | PVR T78 |
|-------------|---------------------|---------------------------------|---|--|---------------|
| 54 W | 700 mA | (5700 lumen at 4000 K) 24 LEDs | N 502-000833604 | TRFMIS05SPTRFNDL_54W700IA23_1N__C1TRFSCL | 931.00 |
| 39 W | 530 mA | (4600 lumens at 4000 K) 24 LEDs | N 502-000834604 | TRFMIS05SPTRFNDL_39W530IA23_1N__C1TRFSCL | 916.00 |
| 27 W | 700 mA | (3000 lumen at 4000 K) 12 LEDs | N 502-000835604 | TRFMIS05SPTRFNDL_27W700IA23_1N__C1TRFSCL | 886.00 |
| 20 W | 530 mA | (2400 lumen at 4000 K) 12 LEDs | N 502-000836604 | TRFMIS05SPTRFNDL_20W530IA23_1N__C1TRFSCL | 856.00 |

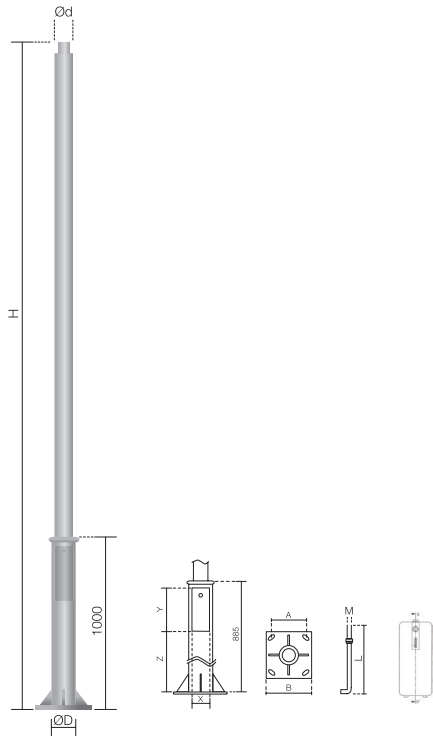
| | | HEIGHT SELECTION | |
|------------|---|----------------------------------|------|
| TRFMIS05SP | Simon TRAFIC MILOS Istanium® lighting point, height 5000 mm, trapdoor and base plate Spanish market | | 856 |
| TRFMIS06SP | Simon TRAFIC MILOS Istanium® lighting point, height 6000 mm, trapdoor and base plate Spanish market | | 1033 |
| | | OPTICS SELECTION | |
| TRF | TRF - Traffic optics | | 0 |
| | | COLOUR TEMPERATURE SELECTION | |
| NDL | NDL (neutral daylight) colour temperature | | 0 |
| WDL | WDL (warm daylight) colour temperature | | 0 |
| | | OPTICAL GROUP POWER SELECTION | |
| _54W700 | 54 W 700 mA (5700 lumen at 4000 K) 24 LEDs | | 0 |
| _39W530 | 39 W 530 mA (4600 lumen at 4000 K) 24 LEDs | | 0 |
| _27W700 | 27 W 700 mA (3000 lumen at 4000 K) 12 LEDs | | -45 |
| _20W530 | 20 W 530 mA (2400 lumen at 4000 K) 12 LEDs | | -75 |
| _13W350 | 13 W 350 mA (1600 lumen at 4000 K) 12 LEDs | | -75 |
| | | OVERVOLTAGE PROTECTION SELECTION | |
| IA23_ | Electrical power supply 230 V ac 50/60 Hz, standard overvoltage protection 4 kV | | 0 |
| IA23S | Electrical power supply 230 V ac 50/60 Hz, additional overvoltage protection 10 kV | | 39 |
| | | DIMMING SELECTION | |
| 2N_ | Dimming without control line (self-dimming) | | 47 |
| 2N+ | Dimming with control line | | 65 |
| 1N_ | No dimming (on/off) | | 0 |
| CAD_ | Cabinet amplitude dimming (dimming at electrical panel) | | 47 |
| 1..10 | Dimming via 1-10 input protocol | | 47 |
| DALI | Dimming via DALI input protocol | | 47 |
| | | ELECTRICAL PROTECTION SELECTION | |
| C1 | Class 1 luminaire electrical protection | | 0 |
| C2 | Class 2 luminaire electrical protection | | 16 |
| | | FINISH SELECTION | |
| TRFPED | TRFPED finish, Pedestrian Traffic | | 0 |
| TRFSCL | TRFSCL finish, School Traffic | | 0 |

| TRFDESO _ SP | TRF | ___ | ___ W ___ | IA23 _ | _____ | C _ | TRF ___ |
|---|------------|--------------------|---------------------------------------|---|---------|-----------------------|---------|
| Range, model and height. Trapdoor and base plate Spanish market | TRF optics | Colour temperature | Optical group power Supply current | Supply voltage: Overvoltage protection | Dimming | Electrical protection | Finish |

| Configuration example | | | | | | | | Total unit price |
|--|------------|----------------------------|--|--|------------|-------------------------------|--------------------------------|------------------|
| TRFDESSP | TRF | NDL | _39W530 | IA23 _ | MOV _ | C1 | TRFPED | |
| TRAFIC range, MILOS SXF spotlight and 6 m high. Trapdoor and base plate Spanish market | TRF optics | Neutral colour temperature | Rated power of the optical group 27 W High Flux supply current | Supply voltage 230 V ac 50/60 Hz Overvoltage protection 4.5 kV | No dimming | Class I electrical protection | TRFSCL finish – School Traffic | |
| | | | | | | | | Quantity |

CLA 16

Telescopic pole up to 3.9 m high, manufactured in two cylindrical sections of different diameters, with flush trapdoor and base plate with gussets.



BASE REFERENCES

| H (mm) | Ød | ØD | ORDER CODE | OFFER CODE |
|--------|-----|-----|------------|-------------------------------------|
| 3600 | 100 | 127 | D-480036 | CLA16 3.6 B D100 M18X500STF D127 GV |
| 3900 | 100 | 127 | D-480039 | CLA16 3.9 B D100 M18X500STF D127 GV |

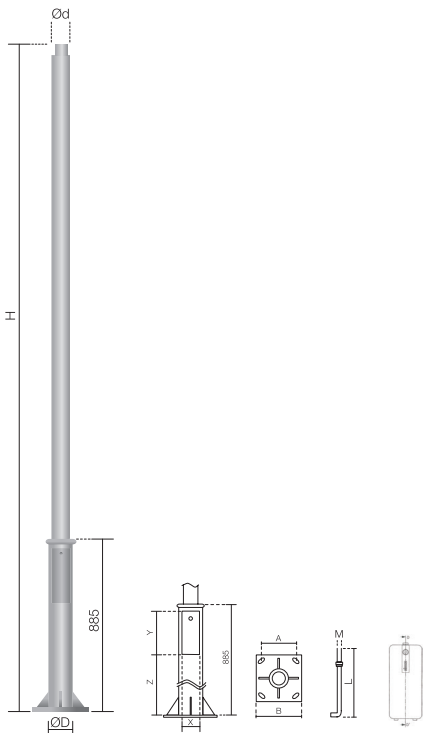
SPARE DOORS DIRECT FROM THE FACTORY

| Ø / H (mm) | |
|------------|---------------|
| 100 | 3600 and 3900 |
| | 5-531790 |

*Consult to order

CLB 16

Telescopic pole up to 3.9 m high, manufactured in two cylindrical sections of different diameters, with flush trapdoor and base plate with gussets. As per Barcelona City Council specifications*



BASE REFERENCES

| H (mm) | Ød | ØD | ORDER CODE | OFFER CODE |
|--------|-----|-----|------------|--------------------------------------|
| 3600 | 100 | 127 | S-480936 | CLB16 3.6 B D100 M20X500IEP3 D127 GV |
| 3900 | 100 | 127 | S-480939 | CLB16 3.9 B D100 M20X500IEP3 D127 GV |

*Rust resistant base not included

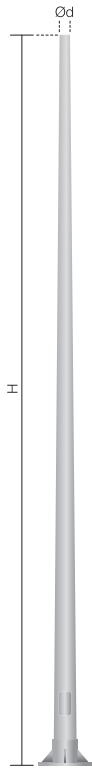
SPARE DOORS DIRECT FROM THE FACTORY

| Ø / H (mm) | |
|------------|---------------|
| 100 | 3600 and 3900 |
| | 5-531790 |

*Consult to order

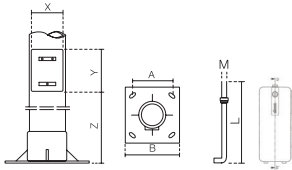
CLO

Conical tapering pole up to 12 m high, manufactured in a single section, with flush trapdoor and flat base plate with gussets



BASE REFERENCES

| H (mm) | Ød | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | | OFFER CODE |
|--------|----|------------|------|-----|-----|---------------|-----|-------|--------|-------------------------------|
| | | | X | Y | Z | A | B | Metr. | Length | |
| 3500 | 60 | S-553335 | 75 | 135 | 385 | 175 | 250 | M14 | 350 | CL-0 3.5 A D60 M14x350STD3 GV |
| 4000 | 60 | S-553304 | 75 | 135 | 550 | 215 | 300 | M18 | 500 | CL-0 4 A D60 M18x500STD2 GV |
| 5000 | 60 | S-553305 | 95 | 300 | 550 | 215 | 300 | M18 | 500 | CL-0 5 B D60 M18x500STD2 GV |
| 6000 | 60 | S-553306 | 110 | 300 | 550 | 215 | 300 | M18 | 500 | CL-0 6 B D60 M18x500STD2 GV |
| 7000 | 60 | S-553307 | 115 | 300 | 550 | 285 | 400 | M22 | 600 | CL-0 7 B D60 M22x600STD1 GV |
| 8000 | 60 | S-553308 | 120 | 300 | 550 | 285 | 400 | M22 | 600 | CL-0 8 B D60 M22x600STD1 GV |
| | 76 | S-554308 | | | | | | | | CL-0 8 B D76 M22x600STD1 GV |
| 9000 | 60 | S-553309 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | CL-0 9 B D60 M22x600STD1 GV |
| | 76 | S-554409 | | | | | | | | CL-0 9 B D76 M22x600STD1 GV |
| 10,000 | 60 | S-553410 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | CL-0 10 C D60 M22x600STD1 GV |
| | 76 | S-554410 | | | | | | | | CL-0 10 C D76 M22x600STD1 GV |
| | 88 | S-555410 | | | | | | | | CL-0 10 C D88 M22x600STD1 GV |
| | 60 | S-553412 | | | | | | | | CL-0 12 C D60 M22x600STD1 GV |
| 12,000 | 76 | S-554412 | 140 | 300 | 550 | 285 | 400 | M22 | 600 | CL-0 12 C D76 M22x600STD1 GV |
| | 88 | S-555412 | | | | | | | | CL-0 12 C D88 M22x600STD1 GV |

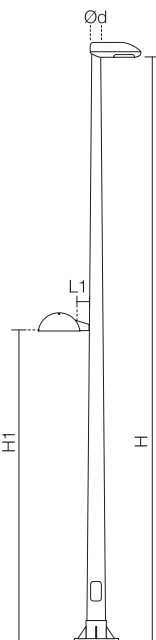


SPARE DOORS DIRECT FROM THE FACTORY

| Ød / H (mm) | 3500 | 4000 | 5000 | 6000 | 7000 | 8000 | 9000 | 10000 | 12000 |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 60 | S-550356 | S-550406 | S-550507 | S-550606 | S-550606 | S-550806 | S-550906 | S-551006 | S-551206 |
| 76 | - | - | - | - | - | S-550807 | S-550907 | S-551007 | S-551207 |
| 88 | - | - | - | - | - | - | - | S-551008 | S-551208 |

CLOM

Conical tapering pole up to 12 m high, manufactured as a single section, with flush trapdoor and flat base plate with gussets



BASE REFERENCES

| H (mm) | Ød | SLEEVE | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE | | |
|--------|----|--------|------------|----------|-----|-----|---------------|-----|-------|------------|-------|--------------------------------------|
| | | | | X | Y | Z | A | B | | | Metr. | Length |
| 9000 | 76 | 4000 | 110 | S-585409 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | CLO 9 C d76 M22x600STD11 4L 0.11 GV |
| | 76 | 5000 | 110 | S-585509 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | CLO 9 C d76 M22x600STD11 5L 0.11 GV |
| 10,000 | 76 | 4000 | 110 | S-585410 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | CLO 10 C d76 M22x600STD11 4L 0.11 GV |
| | 76 | 5000 | 110 | S-585510 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | CLO 10 C d76 M22x600STD11 5L 0.11 GV |
| 12,000 | 76 | 4000 | 110 | S-585412 | 140 | 300 | 550 | 285 | 400 | M22 | 600 | CLO 12 C d76 M22x600STD11 4L 0.11 GV |
| | 76 | 5000 | 110 | S-585512 | 140 | 300 | 550 | 285 | 400 | M22 | 600 | CLO 12 C d76 M22x600STD11 5L 0.11 GV |

SPARE DOORS DIRECT FROM THE FACTORY

| Ød / H (mm) | 9000 | 10000 | 12000 |
|-------------|----------|----------|----------|
| 76 | S-550907 | S-551007 | S-551207 |

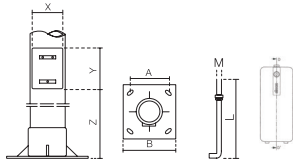
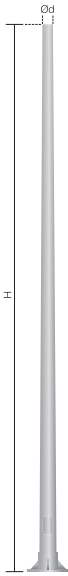
CL1

Conical tapering pole up to 12 m high, manufactured in a single section, with flush trapdoor and base plate with gussets
As per Barcelona City Council specifications*

BASE REFERENCES

| H (mm) | Ød | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | | OFFER CODE |
|--------|----|------------|------|-----|-----|---------------|-----|-------|--------|------------------------------|
| | | | X | Y | Z | A | B | Metr. | Length | |
| 5000 | 60 | S-583005 | 95 | 300 | 550 | 210 | 300 | M20 | 500 | CL1 5 B d60 M20X500IEP3 GV |
| 6000 | 60 | S-583006 | 110 | 300 | 550 | 210 | 300 | M22 | 600 | CL1 6 B d60 M22X600IEP2 GV |
| 7000 | 60 | S-583007 | 115 | 300 | 550 | 210 | 300 | M22 | 600 | CL1 7 B d60 M22X600IEP2 GV |
| 7500 | 60 | S-583075 | 115 | 300 | 550 | 210 | 300 | M22 | 600 | CL1 7.5 B d60 M22X600IEP2 GV |
| 8000 | 60 | S-583008 | 120 | 300 | 550 | 210 | 300 | M22 | 600 | CL1 8 B d60 M22X600IEP2 GV |
| 9000 | 60 | S-583009 | 125 | 300 | 550 | 210 | 300 | M22 | 600 | CL1 9 B d60 M22X600IEP2 GV |
| | 76 | S-584009 | | | | | | | | CL1 9 B d76 M22X600IEP2 GV |
| 10,000 | 60 | S-583010 | 130 | 300 | 550 | 210 | 300 | M24 | 800 | CL1 10 C d60 M24X800IEP1 GV |
| | 76 | S-584010 | | | | | | | | CL1 10 C d76 M24X800IEP1 GV |
| 11,000 | 60 | S-583011 | 135 | 300 | 550 | 210 | 300 | M24 | 800 | CL1 11 C d60 M24X800IEP1 GV |
| | 76 | S-584011 | | | | | | | | CL1 11 C d76 M24X800IEP1 GV |
| 12,000 | 60 | S-583012 | 140 | 300 | 550 | 210 | 300 | M24 | 800 | CL1 12 C d60 M24X800IEP1 GV |
| | 76 | S-584012 | | | | | | | | CL1 12 C d76 M24X800IEP1 GV |

*Rust resistant base not included



SPARE DOORS DIRECT FROM THE FACTORY

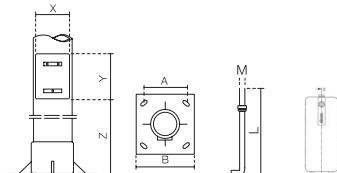
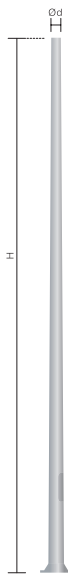
| Ød / H (mm) | 5000 | 6000 | 7000 | 7500 | 8000 | 9000 | 10000 | 11000 | 12000 |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 60 | S-550406 | S-550507 | S-550606 | S-550756 | S-550806 | S-550906 | S-551006 | S-551106 | S-551206 |
| 76 | - | - | - | - | - | S-550907 | S-551007 | S-551107 | S-551207 |

CEU

Conical tapering pole up to 12 m high, manufactured in a single section, with flush trapdoor and stamped base plate

BASE REFERENCES

| H (mm) | Ød | THICKNESS | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | | OFFER CODE |
|--------|----|-----------|------------|------|-----|-----|---------------|-----|-------|--------|----------------------------|
| | | | | X | Y | Z | A | B | Metr. | Length | |
| 4000 | 60 | 3 | CEU04603 | 90 | 300 | 550 | 215 | 300 | M16 | 500 | CEU 4 B d60 M16X500STF GV |
| 5000 | 60 | 3 | CEU05603 | 100 | 300 | 550 | 215 | 300 | M16 | 500 | CEU 5 B d60 M16X500STF GV |
| 6000 | 60 | 3 | CEU06603 | 105 | 300 | 550 | 215 | 300 | M18 | 500 | CEU 6 B d60 M18X500STF GV |
| 7000 | 60 | 3 | CEU07603 | 115 | 300 | 550 | 285 | 400 | M20 | 500 | CEU 7 B d60 M20X500STF GV |
| 8000 | 60 | 3 | CEU08603 | 120 | 300 | 550 | 285 | 400 | M20 | 500 | CEU 8 B d60 M20X500STF GV |
| | 60 | 4 | CEU08604 | | | | | | | | CEU 8 C d60 M20X500STF GV |
| 9000 | 60 | 3 | CEU09603 | 125 | 300 | 550 | 285 | 400 | M20 | 500 | CEU 9 B d60 M20X500STF GV |
| | 60 | 4 | CEU09604 | | | | | | | | CEU 9 C d60 M20X500STF GV |
| 10,000 | 60 | 3 | CEU10603 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | CEU 10 B d60 M22X600STF GV |
| | 60 | 4 | CEU10604 | | | | | | | | CEU 10 C d60 M22X600STF GV |
| 12,000 | 60 | 4 | CEU12604 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | CEU 12 C d60 M22X600STF GV |
| | 76 | 4 | CEU12764 | | | | | | | | CEU 12 C d76 M22X600STF GV |



SPARE DOORS DIRECT FROM THE FACTORY

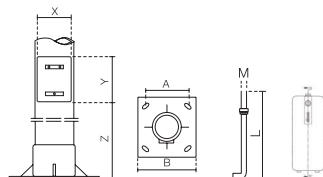
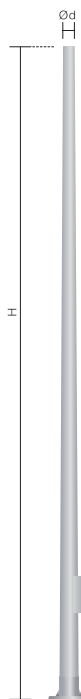
| Ød / H (mm) | 4000 | 5000 | 6000 | 7000 | 7500 | 8000 | 9000 | 10000 | 11000 | 12000 |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 60 | S-550406 | S-550406 | S-550507 | S-550606 | S-550756 | S-550806 | S-550906 | S-551006 | S-551106 | S-551206 |
| 76 | - | - | - | - | - | - | - | - | - | S-551207 |

CAM

Conical tapering pole up to 12 m high, manufactured in a single section
Trapdoor with external reinforcing framework and base plate with gussets

BASE REFERENCES

| H (mm) | Ød | SLEEVE | THICK-NESS | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE | |
|--------|----|--------|------------|---------------|------|-----|-----|---------------|-----|-------|------------|--------------------------------|
| | | | | | X | Y | Z | A | B | | | Metr. |
| 4000 | 60 | - | 3 | ● CAM04603 | 102 | 162 | 410 | 215 | 300 | M16 | 500 | CAM 4 B d60 M16X500STF GV |
| | 76 | 60 | 3 | ● CAM04763M60 | | | | | | | | CAM 4 B d76 M16X500STF GV M60 |
| 5000 | 60 | - | 3 | ● CAM05603 | 102 | 162 | 410 | 215 | 300 | M16 | 500 | CAM 5 B d60 M16X500STF GV |
| | 76 | 60 | 3 | ● CAM05763M60 | | | | | | | | CAM 5 B d76 M16X500STF GV M60 |
| 6000 | 60 | - | 3 | ● CAM06603 | 102 | 162 | 410 | 215 | 300 | M18 | 500 | CAM 6 B d60 M18X500STF GV |
| | 50 | - | 3 | CAM06603P50 | | | | | | | | CAM 6 B d60 M18X500STF GV M50 |
| 7000 | 76 | 60 | 3 | ● CAM06763M60 | | | | | | | | CAM 6 B d76 M18X500STF GV M60 |
| | 60 | - | 3 | ● CAM07603 | 102 | 162 | 410 | 285 | 400 | M20 | 500 | CAM 7 B d60 M20X500STF GV |
| 8000 | 60 | - | 3 | ● CAM08603 | | | | | | | | CAM 8 B d60 M20X500STF GV |
| | 60 | - | 4 | ● CAM08604 | 140 | 192 | 440 | 285 | 400 | M20 | 500 | CAM 8 C d60 M20X500STF GV |
| | 76 | - | 3 | ● CAM08763 | | | | | | | | CAM 8 B d76 M20X500STF GV |
| | 76 | - | 4 | ● CAM08764 | | | | | | | | CAM 8 C d76 M20X500STF GV |
| 9000 | 60 | - | 3 | ● CAM09603 | | | | | | | | CAM 9 B d60 M20X500STF GV |
| | 60 | - | 4 | ● CAM09604 | | | | | | | | CAM 9 C d60 M20X500STF GV |
| | 76 | - | 3 | ● CAM09763 | 140 | 192 | 440 | 285 | 400 | M20 | 500 | CAM 9 B d76 M20X500STF GV |
| | 76 | - | 4 | ● CAM09764 | | | | | | | | CAM 9 C d76 M20X500STF GV |
| 10,000 | 88 | - | 3 | ● CAM09883 | | | | | | | | CAM 9 B d88 M20X500STF GV |
| | 88 | - | 4 | ● CAM09884 | | | | | | | | CAM 9 C d88 M20X500STF GV |
| | 60 | - | 3 | ● CAM10603 | | | | | | | | CAM 10 B d60 M22X600STF GV |
| | 60 | - | 4 | ● CAM10604 | | | | | | | | CAM 10 C d60 M22X600STF GV |
| 12,000 | 76 | - | 3 | ● CAM10763 | 140 | 192 | 440 | 285 | 400 | M22 | 600 | CAM 10 B d76 M22X600STF GV |
| | 76 | - | 4 | ● CAM10764 | | | | | | | | CAM 10 C d76 M22X600STF GV |
| | 88 | - | 3 | ● CAM10883 | | | | | | | | CAM 10 B d88 M22X600STF GV |
| | 88 | - | 4 | ● CAM10884 | | | | | | | | CAM 10 C d88 M22X600STF GV |
| 12,000 | 60 | - | 4 | ● CAM12604 | | | | | | | | CAM 12 C d60 M22X600STF GV |
| | 76 | - | 4 | ● CAM12764 | 140 | 192 | 440 | 285 | 400 | M22 | 600 | CAM 12 C d76 M22X600STF GV |
| | 76 | 60 | 4 | ● CAM12764M60 | | | | | | | | CAM 12 C d76 M22X600STF GV M60 |
| | 88 | - | 4 | ● CAM12884 | | | | | | | | CAM 12 C d88 M22X600STF GV |



SPARE DOORS DIRECT FROM THE FACTORY

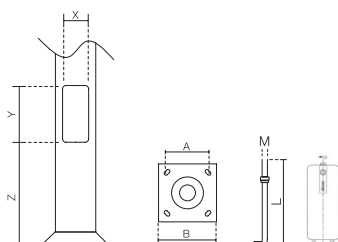
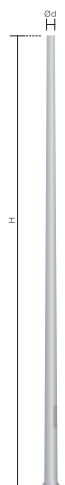
| Ød / H (mm) | 4000 to 7000 | 8000 to 12000 |
|-------------|--------------|---------------|
| 60, 76, 88 | ● 50-70988 | ● 50-71269 |

CU

Conical tapering pole up to 3.9 m high, manufactured in a single section, with overlapping trapdoor and stamped base plate

BASE REFERENCES

| H (mm) | Ød | THICKNESS | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE | |
|--------|----|-----------|------------|------|-----|-----|---------------|-----|-------|------------|----------------------------|
| | | | | X | Y | Z | A | B | | | Metr. |
| 3000 | 50 | 3 | ● CU30503 | 74 | 135 | 380 | 185 | 250 | M14 | 350 | CU 3 B d50 M14X350STF GV |
| | 60 | 3 | ● CU30603 | | | | | | | | CU 3 B d60 M14X350STF GV |
| 3500 | 50 | 3 | ● CU35503 | 74 | 135 | 380 | 185 | 250 | M14 | 350 | CU 3.5 B d50 M14X350STF GV |
| | 60 | 3 | ● CU35603 | | | | | | | | CU 3.5 B d60 M14X350STF GV |
| 3900 | 50 | 3 | ● CU39503 | 74 | 135 | 380 | 185 | 250 | M14 | 350 | CU 4 B d50 M14X350STF GV |
| | 60 | 3 | ● CU39603 | | | | | | | | CU 4 B d60 M14X350STF GV |



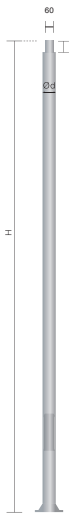
SPARE DOORS DIRECT FROM THE FACTORY

| Ød / H (mm) | 3000 | 3500 | 3900 |
|-------------|----------|----------|----------|
| 50 | 50-73077 | 50-73076 | 50-73003 |
| 60 | 50-73076 | 50-73076 | 50-73003 |

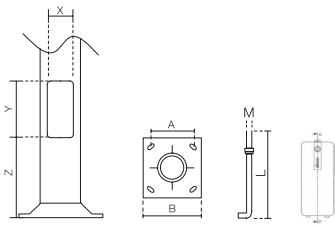
CIL

Tubular pole up to 7 m high, manufactured in a single section, with flush trapdoor and stamped base plate

BASE REFERENCES



| H (mm) | Ød | SLEEVE | THICKNESS | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | Metr. Length | OFFER CODE |
|--------|-----|--------|-----------|-----------------|------|-----|-----|---------------|-----|-------|--------------|------------------------------|
| | | | | | X | Y | Z | A | B | | | |
| 3000 | 100 | 60 | 3 | CIL30100 | 80 | 135 | 385 | 185 | 250 | M14 | 350 | CIL 3 B d100 M14X350STF GV |
| 3500 | 100 | 60 | 3 | CIL35100 | 80 | 135 | 385 | 185 | 250 | M14 | 350 | CIL 3.5 B d100 M14X350STF GV |
| 4000 | 100 | 60 | 3 | CIL40100 | 80 | 135 | 385 | 215 | 300 | M16 | 500 | CIL 4 B d100 M16X500STF GV |
| 5000 | 100 | 60 | 3 | CIL50100 | 80 | 135 | 385 | 215 | 300 | M16 | 500 | CIL 5 B d100 M16X500STF GV |
| 6000 | 127 | 60 | 3 | CIL60127 | 100 | 300 | 550 | 215 | 300 | M18 | 500 | CIL 6 B d127 M18X500STF GV |
| 7000 | 127 | 60 | 3 | CIL70127 | 100 | 300 | 550 | 285 | 400 | M20 | 500 | CIL 7 B d127 M20X500STF GV |



SPARE DOORS DIRECT FROM THE FACTORY

| Ød / H (mm) | |
|-------------|-----------------|
| | 12000 |
| 100 | 50-70985 |
| 127 | consult |

*Consult to order

ARCO

Large radius, curved, conical tapering pole up to 11 m high
Manufactured in a single section, with flush trapdoor and flat base plate with gussets

ARCO R1 MODELS

| H (mm) | Ød | S | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | Metr. Length | OFFER CODE |
|--------|----|------|-----------------|------|-----|-----|---------------|-----|-------|--------------|----------------------------------|
| | | | | X | Y | Z | A | B | | | |
| 9000 | 60 | 3000 | S-581809 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 9 C d60 M22X600STD1 S3 GV |
| 10,000 | 60 | 3500 | S-581810 | 135 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 10 C d60 M22X600STD1 S3.5 GV |
| 11,000 | 60 | 4000 | S-581811 | 140 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 11 C d60 M22X600STD1 S4 GV |

ARCO R2 MODELS

| H (mm) | Ød | S | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | Metr. Length | OFFER CODE |
|--------|----|------|-----------------|------|-----|-----|---------------|-----|-------|--------------|---------------------------------|
| | | | | X | Y | Z | A | B | | | |
| 8000 | 60 | 1500 | S-581708 | 120 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 8 B d60 M22X600STD1 S1.5 GV |
| 9000 | 60 | 1500 | S-581709 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 9 B d60 M22X600STD1 S1.5 GV |
| 10,000 | 60 | 2000 | S-581710 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 10 C d60 M22X600STD1 S2 GV |
| 11,000 | 60 | 2000 | S-581711 | 135 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 11 C d60 M22X600STD1 S2 GV |

ARCO R3 MODELS

| H (mm) | Ød | S | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | Metr. Length | OFFER CODE |
|--------|----|------|-----------------|------|-----|-----|---------------|-----|-------|--------------|-----------------------------------|
| | | | | X | Y | Z | A | B | | | |
| 8000 | 60 | 550 | S-581608 | 120 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 8 B d60 M22X600STD1 S0.55 GV |
| 9000 | 60 | 850 | S-581609 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 9 B d60 M22X600STD1 S0.85 GV |
| 10,000 | 60 | 1000 | S-581610 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 10 C d60 M22X600STD1 S1 GV |
| 11,000 | 60 | 1050 | S-581611 | 135 | 300 | 550 | 285 | 400 | M22 | 600 | ARC 11 C d60 M22X600STD1 S1.05 GV |



SPARE DOORS DIRECT FROM THE FACTORY

| Models | R1 | R1 | R1 | R2 | R2 | R2 | R2 | R3 | R3 | R3 | R3 |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Ød / H (mm) | 8000 | 10000 | 11000 | 8000 | 9000 | 10000 | 11000 | 8000 | 9000 | 10000 | 11000 |
| | S-551006 | S-551156 | S-551266 | S-550846 | S-550946 | S-551056 | S-551156 | S-550806 | S-550906 | S-551056 | S-551156 |

ARCO M

Large radius, curved, conical tapering pole up to 11 m high
 Manufactured in a single section, with flush trapdoor and flat plate with gussets.
 Luminaire mounting at 4 or 5 m by Ø60 mm sleeve

ARCO M R2 MODELS

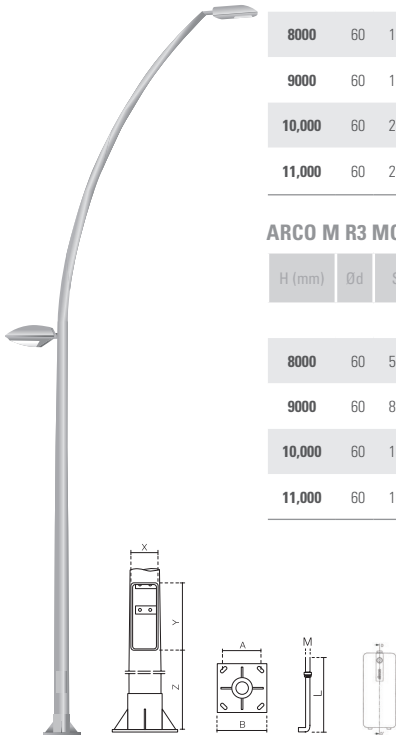
| H (mm) | Ød | S | SLEEVE | | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE | |
|--------|----|------|--------|-----|-----------------|------|-----|-----|---------------|-----|-------|------------|--|
| | | | H1 | L1 | | X | Y | Z | A | B | | | Metr. Length |
| 8000 | 60 | 1500 | 4000 | 110 | S-586208 | 120 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 8 B d60 M22X600STD11 S1.5 4L0.11 GV |
| | | | 5000 | 110 | S-473208 | | | | | | | | ARCM 8 B d60 M22X600STD11 S1.5 5L0.11 GV |
| 9000 | 60 | 1500 | 4000 | 110 | S-586209 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 9 B d60 M22X600STD11 S1.5 4L0.11 GV |
| | | | 5000 | 110 | S-473209 | | | | | | | | ARCM 9 B d60 M22X600STD11 S1.5 5L0.11 GV |
| 10,000 | 60 | 2000 | 4000 | 110 | S-586210 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 10 C d60 M22X600STD11 S2 4L0.11 GV |
| | | | 5000 | 110 | S-473210 | | | | | | | | ARCM 10 C d60 M22X600STD11 S2 5L0.11 GV |
| 11,000 | 60 | 2000 | 4000 | 110 | S-586211 | 135 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 11 C d60 M22X600STD11 S2 4L0.11 GV |
| | | | 5000 | 110 | S-473211 | | | | | | | | ARCM 11 C d60 M22X600STD11 S2 5L0.11 GV |

ARCO M R3 MODELS

| H (mm) | Ød | S | SLEEVE | | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE | |
|--------|----|------|--------|-----|-----------------|------|-----|-----|---------------|-----|-------|------------|--|
| | | | H1 | L1 | | X | Y | Z | A | B | | | Metr. Length |
| 8000 | 60 | 550 | 4000 | 110 | S-586308 | 120 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 8 B d60 M22X600STD11 S0.55 4L0.11 GV |
| | | | 5000 | 110 | S-473308 | | | | | | | | ARCM 8 B d60 M22X600STD11 S0.55 5L0.11 GV |
| 9000 | 60 | 850 | 4000 | 110 | S-586309 | 125 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 9 B d60 M22X600STD11 S0.85 4L0.11 GV |
| | | | 5000 | 110 | S-473309 | | | | | | | | ARCM 9 B d60 M22X600STD11 S0.85 5L0.11 GV |
| 10,000 | 60 | 1000 | 4000 | 110 | S-586310 | 130 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 10 C d60 M22X600STD11 S1 4L0.11 GV |
| | | | 5000 | 110 | S-473310 | | | | | | | | ARCM 10 C d60 M22X600STD11 S1 5L0.11 GV |
| 11,000 | 60 | 1050 | 4000 | 110 | S-586311 | 135 | 300 | 550 | 285 | 400 | M22 | 600 | ARCM 11 C d60 M22X600STD11 S1.05 4L0.11 GV |
| | | | 5000 | 110 | S-473311 | | | | | | | | ARCM 11 C d60 M22X600STD11 S1.05 5L0.11 GV |

SPARE DOORS DIRECT FROM THE FACTORY

| Models | R2 | R2 | R2 | R2 | R3 | R3 | R3 | R3 |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Ød / H (mm) | 8000 | 9000 | 10000 | 11000 | 8000 | 9000 | 10000 | 11000 |
| 60 | S-550846 | S-550946 | S-551056 | S-551156 | S-550806 | S-550906 | S-551056 | S-551156 |



BC1

Curved, conical tapering pole up to 9 m high, manufactured in a single section, with flush trapdoor and base plate with gussets.
 As per Barcelona City Council specifications*

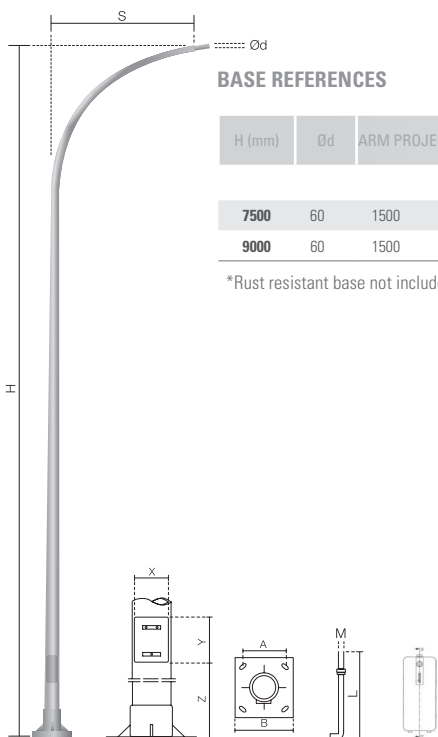
BASE REFERENCES

| H (mm) | Ød | ARM PROJECTION | CO. ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE | |
|--------|----|----------------|-----------------|------|-----|-----|---------------|-----|-------|------------|-----------------------------------|
| | | | | X | Y | Z | A | B | | | Metr. Length |
| 7500 | 60 | 1500 | S-581575 | 120 | 300 | 550 | 300 | 400 | M22 | 600 | BC1 7.5 B d60 M22X600IEP2 S1.5 GV |
| 9000 | 60 | 1500 | S-581509 | 130 | 300 | 550 | 300 | 400 | M22 | 600 | BC1 9 B d60 M22X600IEP2 S1.5 GV |

*Rust resistant base not included

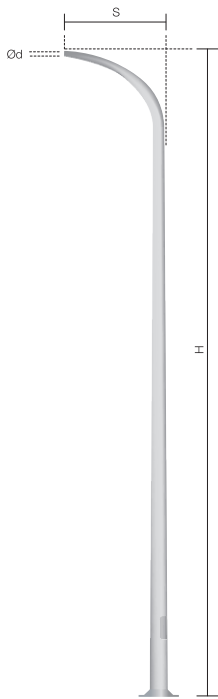
SPARE DOORS DIRECT FROM THE FACTORY

| Ød / H (mm) | |
|-------------|-----------------|
| | 12000 |
| 100 | 50-70985 |
| 127 | consult |



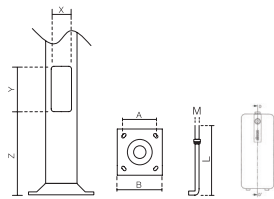
BEU

Curved, conical tapering pole up to 12 m high, manufactured in a single section, with flush trapdoor and stamped base plate

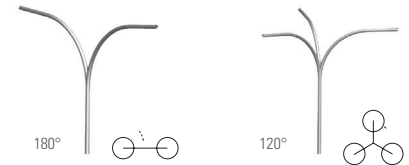


BASE REFERENCES

| H (mm) | Ød | THICK-NESS | ARM PROJECTION | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE |
|--------|----|------------|----------------|--|------|-----|-----|---------------|-----|---------|---------------------------------|
| | | | | | X | Y | Z | A | B | | |
| 6000 | 60 | 3 | 1500 | BEU06153 | 115 | 300 | 550 | 285 | 400 | M20 500 | BEU 6 B d60 M20X500STF S1.5 GV |
| 7000 | 60 | 3 | 1500 | BEU07153 | 120 | 300 | 550 | 285 | 400 | M20 500 | BEU 7 B d60 M20X500STF S1.5 GV |
| 8000 | 60 | 3 | 1500 | ● BEU08153 | 125 | 300 | 550 | 285 | 400 | M20 500 | BEU 8 B d60 M20X500STF S1.5 GV |
| 9000 | 60 | 3 | 1500 | ● BEU09153 | 125 | 300 | 550 | 285 | 400 | M22 600 | BEU 9 B d60 M22X600STF S1.5 GV |
| 10,000 | 60 | 4 | 1500 | BEU10153 | 130 | 300 | 550 | 285 | 400 | M22 600 | BEU 10 B d60 M22X600STF S1.5 GV |
| | 60 | 4 | 2000 | BEU10203 | | | | | | | BEU 10 B d60 M22X600STF S2 GV |
| 12,000 | 60 | 4 | 1500 | BEU12154 | 130 | 300 | 550 | 285 | 400 | M22 600 | BEU 12 C d60 M22X600STF S1.5 V |
| | 60 | 4 | 2000 | BEU12204 | | | | | | | BEU 12 C d60 M22X600STF S2 GV |



CURVED POLES WITH ARMS



Codes for curved arms with multiple arms are constructed based on the base code for the curved arm plus the suffix:

BD (double arm)

BT (triple arm)

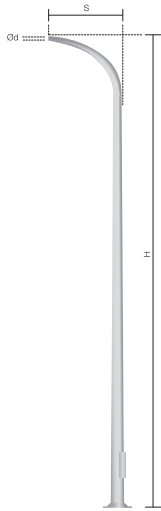
Example: BEU curved arm of 9 m, 1.5 m projection and 4 arms = BEU09153BC

SPARE DOORS DIRECT FROM THE FACTORY

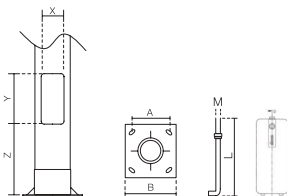
| Thickness | 3 mm | 3 mm | 3 mm | 3 mm | 3 mm | 3 mm | 4 mm | 4 mm |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|----------------|
| Ød / H (mm) | 6000 | 7000 | 8000 | 9000 | 10,000 (1.5M) | 10,000 (2M) | 12,000 (1.5M) | 12,000(2M) |
| 60 | S-550706 | S-550806 | S-550906 | S-551006 | S-551106 | S-551156 | Consult | Consult |

BAM

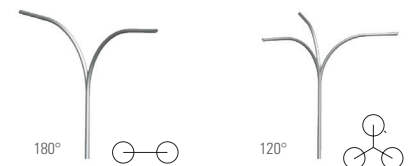
Curved, conical tapering pole up to 12 m high, manufactured in a single section.
Trapdoor with external reinforcing framework and base plate with gussets



| H (mm) | Ød | THICK-NESS | ARM PROJECTION | ORDER CODE | DOOR | | | SEATING PLATE | | BOLTS | OFFER CODE |
|--------|------|------------|--------------------|------------------------------------|------|-----|-----|---------------|-----|---------|------------------------------------|
| | | | | | X | Y | Z | A | B | | |
| 6000 | 60 | 3 | 1000 | BAM06103 | 102 | 162 | 410 | 285 | 400 | M20 500 | BAM 6 B d60 M20X500STF S1 GV |
| | 1500 | | BAM06153 | BAM 6 B d60 M20X500STF S1.5 GV | | | | | | | |
| | 1000 | | BAM07103 | BAM 7 B d60 M20X500STF S1 GV | | | | | | | |
| 7000 | 50 | 3 | 1500 | BAM07153P50 | 140 | 192 | 410 | 285 | 400 | M20 500 | BAM 7 B d60 M20X500STF S1.5 GV P50 |
| | 1500 | | BAM07153 | BAM 7 B d60 M20X500STF S1.5 GV | | | | | | | |
| | 1000 | | BAM08103 | BAM 8 B d60 M20X500STF S1 GV | | | | | | | |
| 8000 | 60 | 3 | 1000 | BAM08103 | 140 | 192 | 410 | 285 | 400 | M20 500 | BAM 8 B d60 M20X500STF S1.5 GV |
| | 1500 | | BAM08153 | BAM 8 B d60 M20X500STF S1.5 GV | | | | | | | |
| | 1500 | | BAM09153P50 | BAM 9 B d60 M22X600STF S1.5 GV P50 | | | | | | | |
| 9000 | 50 | 3 | 1500 | BAM09153 | 140 | 192 | 440 | 285 | 400 | M22 600 | BAM 9 B d60 M22X600STF S1.5 GV |
| | 1500 | | BAM09203 | BAM 9 B d60 M22X600STF S2 GV | | | | | | | |
| | 1500 | | BAM10153 | BAM 10 B d60 M22X600STF S1.5 GV | | | | | | | |
| 10,000 | 60 | 3 | 1500 | BAM10153 | 140 | 192 | 440 | 285 | 400 | M22 600 | BAM 10 B d60 M22X600STF S2 GV |
| | 2000 | | BAM10203 | BAM 10 B d60 M22X600STF S2 GV | | | | | | | |
| | 1500 | | BAM12154 | BAM 12 C d60 M22X600STF S1.5 GV | | | | | | | |
| 12,000 | 60 | 4 | 1500 | BAM12154 | 140 | 192 | 440 | 285 | 400 | M22 600 | BAM 12 C d60 M22X600STF S2 GV |
| | 2000 | | BAM12204 | BAM 12 C d60 M22X600STF S2 GV | | | | | | | |



CURVED POLES WITH ARMS



Codes for curved arms with multiple arms are constructed based on the base code for the curved arm plus the suffix:

BD (double arm)


BT (triple arm)

Example: BEU curved arm of 9 m, 1.5 m projection and 4 arms = BEU09153BC

SPARE DOORS DIRECT FROM THE FACTORY

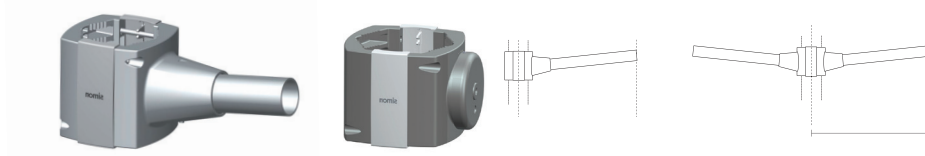
| Ød / H (mm) | 4000 to 7000 | 8000 to 12000 |
|---------------|--|--|
| 50, 60 | ● 50-70988 | ● 50-71269 |

ACCESSORIES COMMON TO ALL POLES

| TYPE | ORDER CODE | DESCRIPTION |
|---|------------|--------------------------------|
|  | 50-73265 | 10 mm triangular post lock key |
| | 50-73266 | 8 mm triangular post lock key |

ALF1


Arm with clamp for pole fixing, decorative urban. To fix additional luminaires and spotlights to pole and curved poles without the need for sleeves



ALF 1 MODELS FOR LUMINAIRES

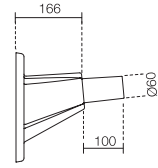
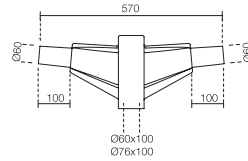
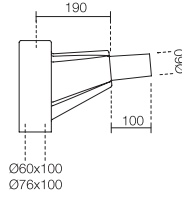
| | ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|--|------------|---------------|----|---------|-----------|-----------------|--|
|  | 350 | Lateral at 5° | 60 | 76-115 | GYTECH/GV | 50-33252 | ALF1C_350_L05_1D60_UT115_PCF____GYT_GV |
| | 350 | Lateral at 5° | 60 | 115-154 | GYTECH/GV | 50-33262 | ALF1C_350_L05_1D60_UT154_PCF____GYT_GV |
| | 700 | Lateral at 5° | 60 | 76-115 | GYTECH/GV | 50-33254 | ALF1C_700_L05_1D60_UT115_PCF____GYT_GV |
| | 700 | Lateral at 5° | 60 | 115-154 | GYTECH/GV | 50-33264 | ALF1C_700_L05_1D60_UT154_PCF____GYT_GV |
| | 1150 | Lateral at 5° | 60 | 76-115 | GYTECH/GV | 50-33250 | ALF1C1150_L05_1D60_UT115_PCF____GYT_GV |
| | 1150 | Lateral at 5° | 60 | 115-154 | GYTECH/GV | 50-33260 | ALF1C1150_L05_1D60_UT154_PCF____GYT_GV |
| | 350 | Lateral at 5° | 60 | 76-115 | GYTECH/GV | 50-33253 | ALF1C_350_L05_2D60_UT115_PCF____GYT_GV |
| | 350 | Lateral at 5° | 60 | 115-154 | GYTECH/GV | 50-33263 | ALF1C_350_L05_2D60_UT154_PCF____GYT_GV |
| | 700 | Lateral at 5° | 60 | 76-115 | GYTECH/GV | 50-33255 | ALF1C_700_L05_2D60_UT115_PCF____GYT_GV |
| | 700 | Lateral at 5° | 60 | 115-154 | GYTECH/GV | 50-33265 | ALF1C_700_L05_2D60_UT154_PCF____GYT_GV |
| | 1150 | Lateral at 5° | 60 | 76-115 | GYTECH/GV | 50-33251 | ALF1C1150_L05_2D60_UT115_PCF____GYT_GV |
| | 1150 | Lateral at 5° | 60 | 115-154 | GYTECH/GV | 50-33261 | ALF1C1150_L05_2D60_UT154_PCF____GYT_GV |

ALF 1 MODELS FOR SPOTLIGHTS

| | | | | | | | |
|---|----|---------------|-----|---------|-----------|---------------------|--------------------------------------|
|  | 10 | Lateral at 0° | 1PR | 76-115 | GYTECH/GV | 5-531852-012 | ALF1C_10_L00_1PR_UT115_PCF____GYT_GV |
| | 10 | Lateral at 0° | 1PR | 115-154 | GYTECH/GV | 5-531846-012 | ALF1C_10_L00_1PR_UT154_PCF____GYT_GV |
| | 10 | Lateral at 0° | 2PR | 76-115 | GYTECH/GV | 5-531853-012 | ALF1C_10_L00_2PR_UT115_PCF____GYT_GV |
| | 10 | Lateral at 0° | 2PR | 115-154 | GYTECH/GV | 5-531851-012 | ALF1C_10_L00_2PR_UT154_PCF____GYT_GV |

ALF 2

Accessory for securing the luminaire to the pole end / adapting it to the wall, decorative urban



END ARM TO CONICAL TAPERING OR CYLINDRICAL POLE



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|-----------------|-----------------------------------|
| 190 | Lateral at 5° | 60 | 60 | GY9007 | 50-33950 | ALF2C_190_L05_1D60_P60_PCF_GY9007 |
| 190 | Lateral at 5° | 60 | 76 | GY9007 | 50-33956 | ALF2C_190_L05_1D60_P76_PCF_GY9007 |
| 190 | Lateral at 5° | 60 | 60 | GY9006 | 50-33960 | ALF2C_190_L05_1D60_P60_PCF_GY9006 |
| 190 | Lateral at 5° | 60 | 76 | GY9006 | 50-33966 | ALF2C_190_L05_1D60_P76_PCF_GY9006 |
| 190 | Lateral at 5° | 60 | 60 | DGCLAS | 50-33970 | ALF2C_190_L05_1D60_P60_PCF_DGCLAS |
| 190 | Lateral at 5° | 60 | 76 | DGCLAS | 50-33976 | ALF2C_190_L05_1D60_P76_PCF_DGCLAS |
| 190 | Lateral at 5° | 60 | 60 | GYDECO | 50-33550 | ALF2C_190_L05_1D60_P60_PCF_GYDECO |
| 190 | Lateral at 5° | 60 | 76 | GYDECO | 50-33556 | ALF2C_190_L05_1D60_P76_PCF_GYDECO |
| 190 | Lateral at 5° | 60 | 60 | GYTECH | 50-33560 | ALF2C_190_L05_1D60_P60_PCF_GYTECH |
| 190 | Lateral at 5° | 60 | 76 | GYTECH | 50-33566 | ALF2C_190_L05_1D60_P76_PCF_GYTECH |

DOUBLE END ARM TO CONICAL TAPERING OR CYLINDRICAL POLE



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|-----------------|-----------------------------------|
| 190 | Lateral at 5° | 60 | 60 | GY9007 | 50-33954 | ALF2C_190_L05_2D60_P60_PCF_GY9007 |
| 190 | Lateral at 5° | 60 | 76 | GY9007 | 50-33957 | ALF2C_190_L05_2D60_P76_PCF_GY9007 |
| 190 | Lateral at 5° | 60 | 60 | GY9006 | 50-33964 | ALF2C_190_L05_2D60_P60_PCF_GY9006 |
| 190 | Lateral at 5° | 60 | 76 | GY9006 | 50-33967 | ALF2C_190_L05_2D60_P76_PCF_GY9006 |
| 190 | Lateral at 5° | 60 | 60 | DGCLAS | 50-33974 | ALF2C_190_L05_2D60_P60_PCF_DGCLAS |
| 190 | Lateral at 5° | 60 | 76 | DGCLAS | 50-33977 | ALF2C_190_L05_2D60_P76_PCF_DGCLAS |
| 190 | Lateral at 5° | 60 | 60 | GYDECO | 50-33554 | ALF2C_190_L05_2D60_P60_PCF_GYDECO |
| 190 | Lateral at 5° | 60 | 76 | GYDECO | 50-33857 | ALF2C_190_L05_2D60_P76_PCF_GYDECO |
| 190 | Lateral at 5° | 60 | 76 | GYTECH | 50-33564 | ALF2C_190_L05_2D60_P60_PCF_GYTECH |
| 190 | Lateral at 5° | 60 | 76 | GYTECH | 50-33867 | ALF2C_190_L05_2D60_P76_PCF_GYTECH |

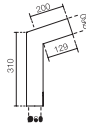
ARM ADAPTATION TO WALL (3-SCREW INSTALLATION)



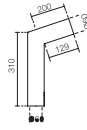
| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|------|--------|-----------------|------------------------------------|
| 166 | Lateral at 5° | 60 | Wall | GY9007 | 50-33951 | ALF2C_166_L05_1D60_WALL_PCF_GY9007 |
| 166 | Lateral at 5° | 60 | Wall | GY9006 | 50-33961 | ALF2C_166_L05_1D60_WALL_PCF_GY9006 |
| 166 | Lateral at 5° | 60 | Wall | DGCLAS | 50-33971 | ALF2C_166_L05_1D60_WALL_PCF_DGCLAS |
| 166 | Lateral at 5° | 60 | Wall | GYDECO | 50-33851 | ALF2C_166_L05_1D60_WALL_PCF_GYDECO |
| 166 | Lateral at 5° | 60 | Wall | Wall | 50-33861 | ALF2C_166_L05_1D60_WALL_PCF_GYTECH |

ALF3

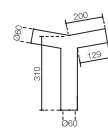
Accessory for securing the luminaire to the pole end / adapting it to the wall, decorative urban



ADAPTER AT 10°



ADAPTER AT 5°



DOUBLE ADAPTER AT 5°

ACCESSORY WITH END ARM TO CONICAL TAPERING OR CYLINDRICAL POLE FOR ONE LUMINAIRE



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|----------------|----|----|--------|-----------------|-----------------------------------|
| 100 | Lateral at 15° | 48 | 48 | GV | 50-33334 | ALF3C_100_L15_1D48_P48_PCF_GV |
| 100 | Lateral at 15° | 48 | 60 | GV | 50-33335 | ALF3C_100_L15_1D48_P60_PCF_GV |
| 129 | Lateral at 10° | 60 | 60 | GY9007 | 5-533361 | ALF3C_129_L10_1D60_P60_PCF_GY9007 |
| 129 | Lateral at 10° | 60 | 60 | GY9006 | 5-533360 | ALF3C_129_L10_1D60_P60_PCF_GY9006 |
| 129 | Lateral at 10° | 60 | 60 | DGCLAS | 5-533364 | ALF3C_129_L10_1D60_P60_PCF_DGCLAS |
| 129 | Lateral at 10° | 60 | 60 | GYDECO | 5-533366 | ALF3C_129_L10_1D60_P60_PCF_GYDECO |
| 129 | Lateral at 5° | 60 | 60 | GY9007 | 5-533362 | ALF3C_129_L05_1D60_P60_PCF_GY9007 |
| 129 | Lateral at 5° | 60 | 60 | GY9006 | 5-533367 | ALF3C_129_L05_1D60_P60_PCF_GY9006 |
| 129 | Lateral at 5° | 60 | 60 | DGCLAS | 5-533368 | ALF3C_129_L05_1D60_P60_PCF_DGCLAS |
| 129 | Lateral at 5° | 60 | 60 | GYDECO | 5-533370 | ALF3C_129_L05_1D60_P60_PCF_GYDECO |

ACCESSORY WITH DOUBLE END ARM TO CONICAL TAPERING OR CYLINDRICAL POLE FOR TWO LUMINAIRES



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|----------------|----|----|--------|-----------------|-----------------------------------|
| 129 | Lateral at 10° | 60 | 60 | GY9007 | 5-533363 | ALF3C_129_L10_2D60_P60_PCF_GY9007 |
| 129 | Lateral at 10° | 60 | 60 | GY9006 | 5-533371 | ALF3C_129_L10_2D60_P60_PCF_GY9006 |
| 129 | Lateral at 10° | 60 | 60 | DGCLAS | 5-533372 | ALF3C_129_L10_2D60_P60_PCF_DGCLAS |
| 129 | Lateral at 10° | 60 | 60 | GYDECO | 5-533374 | ALF3C_129_L10_2D60_P60_PCF_GYDECO |
| 129 | Lateral at 10° | 60 | 60 | GYTECH | 5-533373 | ALF3C_129_L10_2D60_P60_PCF_GYTECH |

SINGLE END ARM FOR CONICAL TAPERING OR CYLINDRICAL POLE FOR ONE SPOTLIGHT



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|---------------------|---------------------------------|
| 41 | Lateral at 0° | PR | 60 | GV | 5-531830 | ALF3C_41_L00_1PR_P60_PCF_GV |
| 41 | Lateral at 0° | PR | 60 | GYTECH | 5-531830-012 | ALF3C_41_L00_1PR_P60_PCF_GYTECH |

SINGLE END ARM FOR CONICAL TAPERING OR CYLINDRICAL POLE FOR ONE SPOTLIGHT



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|---------------------|----------------------------------|
| 200 | Lateral at 0° | PR | 60 | GV | 5-531838 | ALF3C_200_L00_1PR_P60_PCF_GV |
| 200 | Lateral at 0° | PR | 60 | GYTECH | 5-531838-012 | ALF3C_200_L00_1PR_P60_PCF_GYTECH |

DOUBLE END ARM FOR CONICAL TAPERING OR CYLINDRICAL POLE FOR TWO SPOTLIGHTS



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|---------------------|----------------------------------|
| 200 | Lateral at 0° | PR | 60 | GV | 5-531839 | ALF3C_200_L00_2PR_P60_PCF_GV |
| 200 | Lateral at 0° | PR | 60 | GYTECH | 5-531839-012 | ALF3C_200_L00_2PR_P60_PCF_GYTECH |

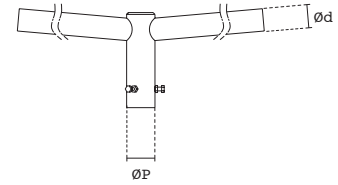
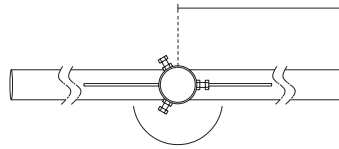
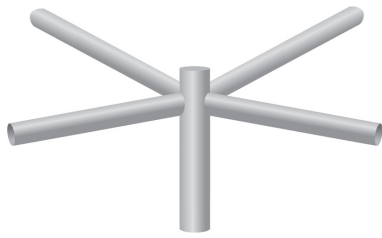
FIXING ACCESSORY FOR PROJECTOR WITH COUPLING BRACKET WITH 60 mm FINAL DIAMETER DIRECT FROM FACTORY

| ORDER CODE | OFFER CODE |
|-----------------|---|
| 50-74780 | SPOTLIGHT FIXING ACCESSORY (Milos S, Milos M and Demon S) |

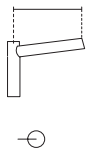


CROSSPIECES

Functional bracket

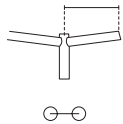


CROSSPIECE OF 1 ARM AT END OF CONICAL TAPERING OR CYLINDRICAL POLE



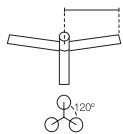
| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|--------------------|---------------------------------|
| 500 | Lateral at 5° | 60 | 60 | GV | CR16060500 | CRT_C_500_L05_1D60_P60_PCF_GV__ |
| 500 | Lateral at 5° | 60 | 76 | GV | CR17660500 | CRT_C_500_L05_1D60_P76_PCF_GV__ |
| 700 | Lateral at 5° | 60 | 60 | GV | CR16060700 | CRT_C_700_L05_1D60_P60_PCF_GV__ |
| 700 | Lateral at 5° | 60 | 76 | GV | CR17660700 | CRT_C_700_L05_1D60_P76_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | 60 | GV | CR160601000 | CRT_C1000_L05_1D60_P60_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | 76 | GV | CR176601000 | CRT_C1000_L05_1D60_P76_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | 60 | GV | CR160601500 | CRT_C1500_L05_1D60_P60_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | 76 | GV | CR176601500 | CRT_C1500_L05_1D60_P76_PCF_GV__ |

CROSSPIECE OF 2 ARMS AT 180°, END OF CONICAL TAPERING OR CYLINDRICAL POLE



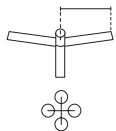
| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|--------------------|---------------------------------|
| 500 | Lateral at 5° | 60 | 60 | GV | CR26060500 | CRT_C_500_L05_2D60_P60_PCF_GV__ |
| 500 | Lateral at 5° | 60 | 76 | GV | CR27660500 | CRT_C_500_L05_2D60_P76_PCF_GV__ |
| 700 | Lateral at 5° | 60 | 60 | GV | CR26060700 | CRT_C_700_L05_2D60_P60_PCF_GV__ |
| 700 | Lateral at 5° | 60 | 76 | GV | CR27660700 | CRT_C_700_L05_2D60_P76_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | 60 | GV | CR260601000 | CRT_C1000_L05_2D60_P60_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | 76 | GV | CR276601000 | CRT_C1000_L05_2D60_P76_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | 60 | GV | CR260601500 | CRT_C1500_L05_2D60_P60_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | 76 | GV | CR276601500 | CRT_C1500_L05_2D60_P76_PCF_GV__ |

CROSSPIECE OF 3 ARMS AT 120°, END OF CONICAL TAPERING OR CYLINDRICAL POLE



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|---|--------|--------------------|---------------------------------|
| 500 | Lateral at 5° | 60 | | GV | CR36060500 | CRT_C_500_L05_3D60_P60_PCF_GV__ |
| 500 | Lateral at 5° | 60 | | GV | CR37660500 | CRT_C_500_L05_3D60_P76_PCF_GV__ |
| 700 | Lateral at 5° | 60 | | GV | CR36060700 | CRT_C_700_L05_3D60_P60_PCF_GV__ |
| 700 | Lateral at 5° | 60 | | GV | CR37660700 | CRT_C_700_L05_3D60_P76_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | | GV | CR360601000 | CRT_C1000_L05_3D60_P60_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | | GV | CR376601000 | CRT_C1000_L05_3D60_P76_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | | GV | CR360601500 | CRT_C1500_L05_3D60_P60_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | | GV | CR376601500 | CRT_C1500_L05_3D60_P76_PCF_GV__ |

CROSSPIECE OF 4 ARMS AT 90°, END OF CONICAL TAPERING OR CYLINDRICAL POLE



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|--------------------|---------------------------------|
| 500 | Lateral at 5° | 60 | 60 | GV | CR46060500 | CRT_C_500_L05_4D60_P60_PCF_GV__ |
| 500 | Lateral at 5° | 60 | 76 | GV | CR47660500 | CRT_C_500_L05_4D60_P76_PCF_GV__ |
| 700 | Lateral at 5° | 60 | 60 | GV | CR46060700 | CRT_C_700_L05_4D60_P60_PCF_GV__ |
| 700 | Lateral at 5° | 60 | 76 | GV | CR47660700 | CRT_C_700_L05_4D60_P76_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | 60 | GV | CR460601000 | CRT_C1000_L05_4D60_P60_PCF_GV__ |
| 1000 | Lateral at 5° | 60 | 76 | GV | CR476601000 | CRT_C1000_L05_4D60_P76_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | 60 | GV | CR460601500 | CRT_C1500_L05_4D60_P60_PCF_GV__ |
| 1500 | Lateral at 5° | 60 | 76 | GV | CR476601500 | CRT_C1500_L05_4D60_P76_PCF_GV__ |

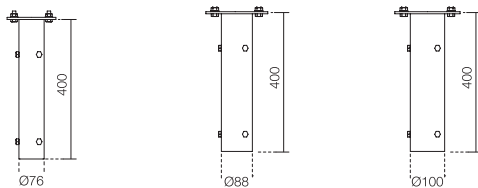
CR1

Crosspiece suitable for spotlights, with pole point coupling of Ø 60, 76 or 88 mm

| LOC. POSSIBLE LUMINAIRES | LENGTH | P | MAX. LIGHT FIXTURES PER CROSSPIECE* | | | | | | | | ORDER CODE | OFFER CODE |
|--------------------------|--------|----|-------------------------------------|--|-----|------|--------------|------|------------|--------|-----------------|---------------------------------------|
| | | | MILOS S LED PR15 | MILOS M ISTANIUM LED PR40 PR17 | PR4 | PR12 | PR30 PR31 | PR30 | EGON PR | ETNALB | | |
| | 500 | 60 | 3 | 2 | 1 | 4 | 2 | 1 | 2 | 1 | S-577278 | CR1_C_500_PU0_PR_UT88_PCF_____GV_____ |
| | 70 | 4 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | | |
| | 88 | 4 | 2 | 2 | 4 | 2 | 2 | 2 | 2 | 3 | | |
| | 1000 | 60 | 3 | 2 | 1 | 5 | 2 | 1 | 2 | 1 | S-577279 | CR1_C1000_PU0_PR_UT88_PCF_____GV_____ |
| | 70 | 5 | 3 | 2 | 6 | 3 | 2 | 3 | 2 | 2 | | |
| | 88 | 6 | 4 | 3 | 6 | 4 | 3 | 4 | 3 | 3 | | |
| | 1500 | 60 | 3 | 2 | 1 | 5 | 2 | 1 | 2 | 1 | S-577280 | CR1_C1500_PU0_PR_UT88_PCF_____GV_____ |
| | 70 | 5 | 3 | 2 | 6 | 3 | 2 | 3 | 2 | 2 | | |
| | 88 | 6 | 4 | 3 | 6 | 4 | 3 | 4 | 3 | 3 | | |
| | 2000 | 60 | 3 | 2 | 1 | 5 | 2 | 1 | 3 | 1 | S-577281 | CR1_C2000_PU0_PR_UT88_PCF_____GV_____ |
| | 70 | 5 | 3 | 2 | 7 | 3 | 2 | 3 | 2 | 2 | | |
| | 88 | 7 | 4 | 3 | 10 | 4 | 3 | 4 | 3 | 3 | | |

* Crosspiece luminaires according to the following determining factors: Type CL0 and CL1 conical poles. With trapdoor. Pole height 9 and 12 metres. Enquire about configurations with different pole heights. Calculations made according to UNE EN- 40.31 and EN 40.3.3 standards

ACCESSORIES DIRECT FROM FACTORY

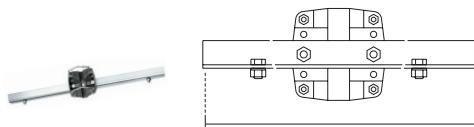


| ARM LENGTH | ORDER CODE | OFFER DESCRIPTION |
|------------|-----------------|--|
| 400 | 5-577169 | Fixing accessory for CR1 crosspiece in Ø60 bracket |
| 400 | 5-577170 | Fixing accessory for CR1 crosspiece in Ø76 bracket |
| 400 | 5-577171 | Fixing accessory for CR1 crosspiece in Ø88 bracket |

CR2

Crosspiece suitable for floodlights, with clamp coupling to the pole. Ø from 48 to 90 mm

CROSSPIECE FOR SPOTLIGHTS TO Ø 48 POLE UP TO 90 mm



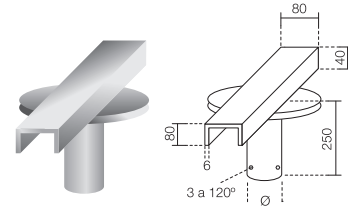
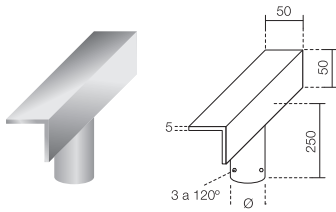
| ARM LENGTH | FIXING | LUMINAIRES | ORDER CODE | OFFER CODE |
|--------------------|---------------|------------|-----------------|--|
| PR2,PR12 PR15,PR40 | | | | |
| 800 | Lateral at 0° | 2 | 5-577080 | CR2_C_800_L00_2PR_UT90_PCF_____GV_____ |
| 1000 | Lateral at 0° | 2 | 5-577083 | CR2_C1000_L00_2PR_UT90_PCF_____GV_____ |
| 1830 | Lateral at 0° | 2 | 5-577081 | CR2_C1830_L00_2PR_UT90_PCF_____GV_____ |
| 1830 | Lateral at 0° | 3 | 5-577082 | CR2_C1830_L00_3PR_UT90_PCF_____GV_____ |

BASE REFERENCES FOR SPOTLIGHT CLAMP

| OFFER CODE | ORDER CODE | OFFER DESCRIPTION |
|-------------------|-----------------|-----------------------|
| CR2 CLAMP TUBE PR | 5-577169 | Tube attachment clamp |

CR3

Hole-less crosspiece suitable for floodlights, with pole coupling



MODELS IN L PROFILE, END OF CONICAL TAPERING OR CYLINDRICAL POLE



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|-----------------|---------------------------------------|
| 500 | Lateral at 0° | PR | 60 | GV | S-577257 | CR3_C_500_PLO__PR__P60__PCF____GV____ |
| 500 | Lateral at 0° | PR | 76 | GV | S-577258 | CR3_C_500_PLO__PR__P76__PCF____GV____ |
| 500 | Lateral at 0° | PR | 88 | GV | S-577259 | CR3_C_500_PLO__PR__P88__PCF____GV____ |
| 1000 | Lateral at 0° | PR | 60 | GV | S-577260 | CR3_C1000_PLO__PR__P60__PCF____GV____ |
| 1000 | Lateral at 0° | PR | 76 | GV | S-577261 | CR3_C1000_PLO__PR__P76__PCF____GV____ |
| 1000 | Lateral at 0° | PR | 88 | GV | S-577262 | CR3_C1000_PLO__PR__P88__PCF____GV____ |
| 1500 | Lateral at 0° | PR | 60 | GV | S-577263 | CR3_C1500_PLO__PR__P60__PCF____GV____ |
| 1500 | Lateral at 0° | PR | 76 | GV | S-577264 | CR3_C1500_PLO__PR__P76__PCF____GV____ |
| 1500 | Lateral at 0° | PR | 88 | GV | S-577265 | CR3_C1500_PLO__PR__P88__PCF____GV____ |

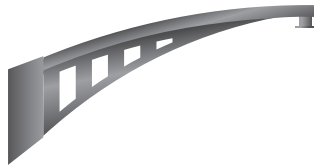
MODELS IN U PROFILE, END OF CONICAL TAPERING OR CYLINDRICAL POLE



| ARM LENGTH | FIXING | D | P | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|----|--------|-----------------|---------------------------------------|
| 500 | Lateral at 0° | PR | 60 | GV | S-577266 | CR3_C_500_PUO__PR__P60__PCF____GV____ |
| 500 | Lateral at 0° | PR | 76 | GV | S-577275 | CR3_C2000_PUO__PR__P60__PCF____GV____ |
| 500 | Lateral at 0° | PR | 88 | GV | S-577273 | CR3_C1500_PUO__PR__P76__PCF____GV____ |
| 1000 | Lateral at 0° | PR | 60 | GV | S-577269 | CR3_C1000_PUO__PR__P60__PCF____GV____ |
| 1000 | Lateral at 0° | PR | 76 | GV | S-577267 | CR3_C_500_PUO__PR__P76__PCF____GV____ |
| 1000 | Lateral at 0° | PR | 88 | GV | S-577276 | CR3_C2000_PUO__PR__P76__PCF____GV____ |
| 1500 | Lateral at 0° | PR | 60 | GV | S-577272 | CR3_C1500_PUO__PR__P60__PCF____GV____ |
| 1500 | Lateral at 0° | PR | 76 | GV | S-577270 | CR3_C1000_PUO__PR__P76__PCF____GV____ |
| 1500 | Lateral at 0° | PR | 88 | GV | S-577268 | CR3_C_500_PUO__PR__P88__PCF____GV____ |
| 2000 | Lateral at 0° | PR | 60 | GV | S-577275 | CR3_C2000_PUO__PR__P60__PCF____GV____ |
| 2000 | Lateral at 0° | PR | 76 | GV | S-577276 | CR3_C2000_PUO__PR__P76__PCF____GV____ |
| 2000 | Lateral at 0° | PR | 88 | GV | S-577277 | CR3_C2000_PUO__PR__P88__PCF____GV____ |

BM1 BANDEROLE

Wall arm, decorative urban sheet steel



BM1 without gear holder

BM1 without gear holder

BM1 with gear holder

BM1 MODELS WITHOUT GEAR HOLDER, LATERAL FIXING Ø 60 mm



| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|---------------|----|--------|-----------------|--------------------------------------|
| 1300 | Lateral at 5° | 60 | GY9006 | 5-533125 | BM1_W1300_L05_D60_____PCF_____GY9006 |
| 1300 | Lateral at 5° | 60 | GY9007 | 5-533080 | BM1_W1300_L05_D60_____PCF_____GY9007 |
| 1300 | Lateral at 5° | 60 | GN6005 | 50-33364 | BM1_W1300_L05_D60_____PCF_____GN6005 |
| 1300 | Lateral at 5° | 60 | DGCLAS | 50-33365 | BM1_W1300_L05_D60_____PCF_____DGCLAS |
| 1300 | Lateral at 5° | 60 | RD3004 | 5-533065 | BM1_W1300_L05_D60_____PCF_____RD3004 |
| 1300 | Lateral at 5° | 60 | GY7016 | 5-533073 | BM1_W1300_L05_D60_____PCF_____GY7016 |

BM1 MODELS WITHOUT GEAR HOLDER, SUSPENDED FIXING



| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|---------|------|--------|-----------------|---------------------------------------|
| 1150 | Hanging | 3/4G | DGCLAS | 5-531655 | BM1_W1150_H___3/4G_____PCF_____DGCLAS |
| 1150 | Hanging | 3/4G | GY9007 | 5-531789 | BM1_W1150_H___3/4G_____PCF_____GY9007 |
| 1150 | Hanging | 3/4G | GY9006 | 5-531617 | BM1_W1150_H___3/4G_____PCF_____GY9006 |
| 1150 | Hanging | 3/4G | BL5026 | 5-531685 | BM1_W1150_H___3/4G_____PCF_____BL5026 |

BM1 MODELS WITHOUT GEAR HOLDER, SUSPENDED FIXING FOR NAVI LUMINAIRE



| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|---------|------|--------|-----------------|---------------------------------------|
| 1150 | Hanging | 3D58 | DGCLAS | 50-33376 | BM1_W1150_H___3D58_____PCF_____DGCLAS |
| 1150 | Hanging | 3D58 | GY9007 | 5-533072 | BM1_W1150_H___3D58_____PCF_____GY9007 |
| 1150 | Hanging | 3D58 | GN6005 | 50-33375 | BM1_W1150_H___3D58_____PCF_____GN6005 |

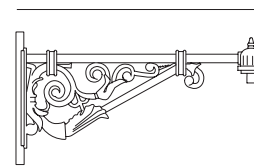
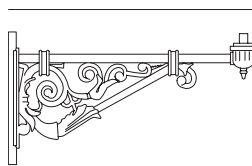
BM1 MODELS WITHOUT GEAR HOLDER, SUSPENDED FIXING FOR NAVI LUMINAIRE



| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|---------|------|--------|-----------------|---------------------------------------|
| 1150 | Hanging | 3D58 | DGCLAS | 50-33376 | BM1_W1150_H___3D58_____PCF_____DGCLAS |
| 1150 | Hanging | 3D58 | GY9007 | 5-533072 | BM1_W1150_H___3D58_____PCF_____GY9007 |

BM13

Ornamental wall arm, 3/4" G fixing in aluminium and steel tube



BM13 POST-TOP 3/4G MODEL

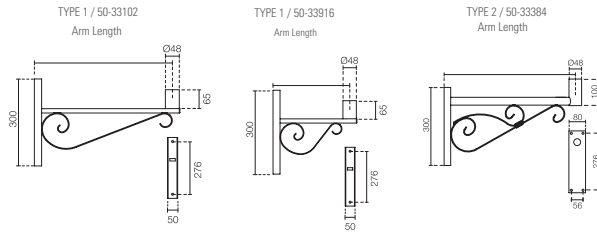
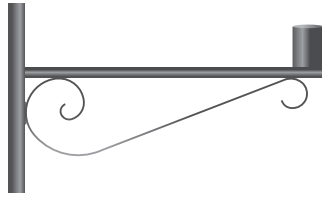
| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|----------|-------|--------|-----------------|---------------------------------------|
| 560 | Post-top | 3/4 G | BK9005 | 50-33480 | BM13W_560_P___3/4G_____PCF_____BK9005 |
| 560 | Post-top | 3/4 G | BKCLAS | 50-33490 | BM13W_560_P___3/4G_____PCF_____BKCLAS |
| 710 | Post-top | 3/4 G | BK9005 | 50-33484 | BM13W_710_P___3/4G_____PCF_____BK9005 |
| 710 | Post-top | 3/4 G | BKCLAS | 50-33494 | BM13W_710_P___3/4G_____PCF_____BKCLAS |

BM13 SUSPENDED 3/4G MODEL

| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|---------|-------|--------|-----------------|---------------------------------------|
| 710 | Hanging | 3/4 G | BKCLAS | 50-33496 | BM13W_710_H___3/4G_____PCF_____BKCLAS |
| 710 | Hanging | 3/4 G | BK9005 | 50-33486 | BM13W_710_H___3/4G_____PCF_____BK9005 |

BM10

Ornamental sheet steel wall arm



TYPE 2 BM10 MODELS

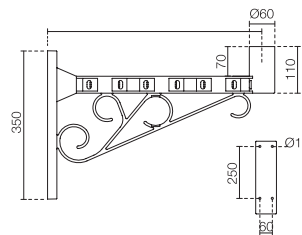
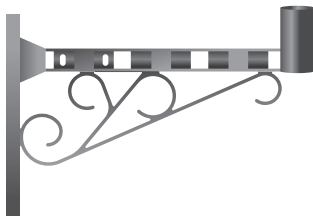
| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|----------|-----|--------|-----------------|--|
| 700 | Post-top | 3/4 | BK9005 | 5-531573 | BM10W_700_P___3/4G_T2___PCF_____BK9005 |
| 500 | Post-top | 60 | BK9005 | 5-531468 | BM10W_500_P___D60_T2___PCF_____BK9005 |

TYPE 1 BM10 MODELS

| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|----------|----|--------|-----------------|---------------------------------------|
| 300 | Post-top | 48 | BK9005 | 50-33916 | BM10W_300_P___D48_T1___PCF_____BK9005 |
| 500 | Post-top | 48 | BK9005 | 50-33102 | BM10W_500_P___D48_T1___PCF_____BK9005 |

BM11

Ornamental engineering polymer wall arm

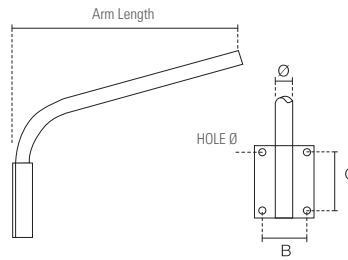


BM11 POST-TOP FIXING MODEL

| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|----------|----|--------|-----------------|--------------------------------------|
| 500 | Post-top | 60 | BK9005 | 50-33925 | BM11W_500_P___D60_____PCF_____BK9005 |

BM2

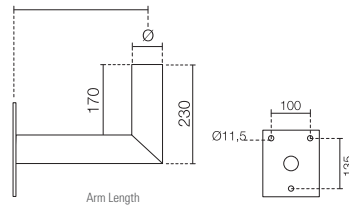
Functional galvanised steel wall arm



| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|----------------|----|--------|-----------------|---------------------------------------|
| 750 | Lateral at 15° | 60 | GV | 50-33875 | BM2_W_750_L15_D60_____PCF_____GV____ |
| 1000 | Lateral at 15° | 60 | GV | 50-33810 | BM2_W_1000_L15_D60_____PCF_____GV____ |
| 1500 | Lateral at 15° | 60 | GV | 50-33815 | BM2_W_1500_L15_D60_____PCF_____GV____ |
| 2000 | Lateral at 15° | 60 | GV | 50-33820 | BM2_W_2000_L15_D60_____PCF_____GV____ |

BM5

Functional galvanised steel wall arm



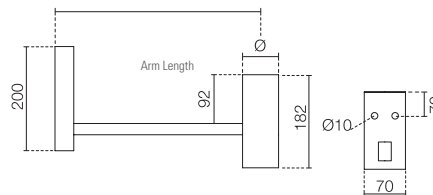
BM5 MODELS WITH GEAR HOLDER



| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|----------|----|--------|-----------------|------------------------------------|
| 270 | Post-top | 60 | GV | 50-33321 | BM5_W_270_P___D60_____PCF_____GV__ |
| 500 | Post-top | 60 | GV | 50-33341 | BM5_W_500_P___D60_____PCF_____GV__ |

BM9

Ornamental galvanised steel wall arm



| ARM LENGTH | FIXING | Ø | FINISH | ORDER CODE | OFFER CODE |
|------------|----------|----|--------|------------|--------------------------------------|
| 500 | Post-top | 60 | BK9005 | 50-33501 | BM9_W_500_P___D60_____PCF_____BK9005 |

INDEX OF REFERENCES

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|----------|------|--------------|------|-------------|------|------------|------|
| 5-324118 | 129 | 5-334226 | 128 | 5-577169 | 167 | 50-18320 | 120 |
| 5-324136 | 129 | 5-531468 | 32 | 5-577170 | 167 | 50-18321 | 120 |
| 5-324158 | 129 | 5-531468 | 170 | 5-577171 | 167 | 50-18322 | 120 |
| 5-324601 | 129 | 5-531580 | 29 | 5-630910 | 150 | 50-18323 | 120 |
| 5-324602 | 129 | 5-531580 | 30 | 5-630920 | 150 | 50-18331 | 120 |
| 5-324604 | 129 | 5-531580 | 31 | 5-660124 | 151 | 50-18333 | 120 |
| 5-324605 | 129 | 5-531617 | 169 | 5-660125 | 151 | 50-18601 | 118 |
| 5-324606 | 129 | 5-531655 | 169 | 5-660126 | 151 | 50-18602 | 118 |
| 5-324607 | 129 | 5-531685 | 169 | 5-660128 | 151 | 50-18603 | 118 |
| 5-324609 | 129 | 5-531763 | 141 | 5-660134 | 151 | 50-18604 | 118 |
| 5-324626 | 129 | 5-531784 | 17 | 5-660135 | 151 | 50-18605 | 118 |
| 5-324634 | 129 | 5-531784 | 24 | 5-660136 | 151 | 50-18606 | 118 |
| 5-325118 | 129 | 5-531784 | 61 | 11-0111-241 | 40 | 50-18607 | 118 |
| 5-325136 | 129 | 5-531785 | 18 | 11-0111-242 | 41 | 50-18608 | 118 |
| 5-325158 | 129 | 5-531785 | 24 | 11-0111-512 | 41 | 50-18609 | 118 |
| 5-325218 | 129 | 5-531785 | 61 | 11-0211-241 | 40 | 50-18610 | 118 |
| 5-325236 | 129 | 5-531789 | 169 | 11-0211-242 | 41 | 50-18611 | 118 |
| 5-325258 | 129 | 5-531790 | 156 | 11-0211-512 | 41 | 50-18612 | 118 |
| 5-326118 | 129 | 5-531790 | 156 | 11-0311-241 | 40 | 50-18613 | 118 |
| 5-326136 | 129 | 5-531818 | 18 | 11-0311-242 | 41 | 50-18614 | 118 |
| 5-326158 | 129 | 5-531818 | 24 | 11-0311-512 | 41 | 50-18617 | 43 |
| 5-326218 | 129 | 5-531818 | 61 | 11-0411-241 | 40 | 50-18618 | 43 |
| 5-326236 | 129 | 5-531830 | 165 | 11-0411-242 | 41 | 50-18701 | 145 |
| 5-326258 | 129 | 5-531830-012 | 165 | 11-0411-512 | 41 | 50-18702 | 145 |
| 5-327118 | 129 | 5-531838 | 165 | 11-1040-000 | 42 | 50-18703 | 145 |
| 5-327136 | 129 | 5-531838-012 | 165 | 11-1044-141 | 42 | 50-18704 | 145 |
| 5-327158 | 129 | 5-531839 | 165 | 11-1044-143 | 42 | 50-18723 | 145 |
| 5-327218 | 129 | 5-531839-012 | 165 | 11-1044-144 | 42 | 50-18731 | 145 |
| 5-327236 | 129 | 5-531846-012 | 163 | 11-1044-341 | 42 | 50-18732 | 145 |
| 5-327258 | 129 | 5-531851-012 | 163 | 11-1044-343 | 42 | 50-18733 | 145 |
| 5-333134 | 127 | 5-531852-012 | 163 | 11-1044-344 | 42 | 50-18734 | 145 |
| 5-333136 | 127 | 5-531853-012 | 163 | 11-1044-941 | 42 | 50-18753 | 145 |
| 5-333144 | 127 | 5-533065 | 169 | 11-1044-943 | 42 | 50-18782 | 117 |
| 5-333146 | 127 | 5-533072 | 169 | 11-1044-944 | 42 | 50-18790 | 117 |
| 5-333211 | 127 | 5-533072 | 169 | 11-9010-020 | 41 | 50-18801 | 43 |
| 5-333212 | 127 | 5-533073 | 169 | 11-9020-004 | 41 | 50-18801 | 118 |
| 5-333213 | 127 | 5-533080 | 169 | 11-9020-006 | 41 | 50-18817 | 116 |
| 5-333214 | 127 | 5-533125 | 169 | 11-9020-009 | 41 | 50-18818 | 116 |
| 5-333215 | 127 | 5-533150 | 76 | 11-9020-015 | 41 | 50-18827 | 116 |
| 5-333216 | 127 | 5-533178 | 21 | 11-9050-000 | 41 | 50-18828 | 116 |
| 5-333221 | 127 | 5-533360 | 165 | 11-9060-100 | 41 | 50-18833 | 117 |
| 5-333222 | 127 | 5-533361 | 165 | 11-9060-200 | 41 | 50-18834 | 117 |
| 5-333223 | 127 | 5-533362 | 165 | 11-9060-300 | 41 | 50-18836 | 116 |
| 5-333224 | 127 | 5-533363 | 165 | 11-9060-400 | 41 | 50-18836 | 144 |
| 5-333225 | 127 | 5-533364 | 165 | 11-9102-000 | 41 | 50-18837 | 116 |
| 5-333226 | 127 | 5-533365 | 165 | 11-9112-100 | 41 | 50-18837 | 144 |
| 5-333232 | 127 | 5-533366 | 165 | ● 50-18101 | 119 | 50-23005 | 125 |
| 5-333234 | 127 | 5-533367 | 165 | ● 50-18103 | 119 | 50-23005 | 126 |
| 5-333236 | 127 | 5-533368 | 165 | ● 50-18111 | 119 | 50-23049 | 126 |
| 5-333242 | 127 | 5-533369 | 165 | 50-18113 | 119 | 50-23050 | 125 |
| 5-333244 | 127 | 5-533370 | 165 | 50-18151 | 119 | 50-23050 | 126 |
| 5-333246 | 127 | 5-533371 | 165 | 50-18163 | 119 | ● 50-23051 | 124 |
| 5-334212 | 128 | 5-533372 | 165 | 50-18201 | 119 | 50-23053 | 125 |
| 5-334214 | 128 | 5-533373 | 165 | 50-18203 | 119 | ● 50-23056 | 122 |
| 5-334216 | 128 | 5-533374 | 165 | ● 50-18211 | 119 | ● 50-23061 | 124 |
| 5-334217 | 128 | 5-577080 | 167 | ● 50-18213 | 119 | 50-23063 | 125 |
| 5-334218 | 128 | 5-577081 | 167 | 50-18251 | 119 | ● 50-23066 | 122 |
| 5-334222 | 128 | 5-577082 | 167 | 50-18261 | 119 | ● 50-23316 | 126 |
| 5-334224 | 128 | 5-577083 | 167 | 50-18263 | 119 | 50-23361 | 122 |

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|------------|------|------------|------|------------|------|------------|------|
| ● 50-23364 | 122 | 50-33925 | 32 | 50-64329 | 122 | 50-70383 | 115 |
| ● 50-23402 | 126 | 50-33925 | 170 | 50-64330 | 122 | ● 50-70384 | 115 |
| 50-23404 | 126 | 50-33950 | 164 | 50-64331 | 122 | 50-70386 | 115 |
| 50-23406 | 126 | 50-33951 | 164 | 50-64332 | 122 | ● 50-70387 | 115 |
| 50-23408 | 126 | 50-33952 | 76 | 50-70048 | 143 | 50-70393 | 115 |
| 50-23420 | 126 | 50-33953 | 76 | 50-70051 | 143 | 50-70394 | 115 |
| 50-23800 | 126 | 50-33954 | 164 | 50-70061 | 143 | 50-70396 | 115 |
| 50-23805 | 125 | 50-33956 | 164 | 50-70062 | 143 | 50-70397 | 115 |
| 50-23902 | 125 | 50-33957 | 164 | 50-70064 | 143 | 50-70406 | 110 |
| 50-23904 | 125 | 50-33960 | 164 | 50-70065 | 143 | 50-70407 | 110 |
| 50-33044 | 32 | 50-33961 | 164 | 50-70066 | 143 | 50-70408 | 109 |
| 50-33102 | 170 | 50-33962 | 76 | 50-70067 | 143 | 50-70441 | 109 |
| 50-33250 | 163 | 50-33963 | 76 | 50-70069 | 113 | 50-70455 | 110 |
| 50-33251 | 163 | 50-33964 | 164 | 50-70070 | 113 | 50-70456 | 110 |
| 50-33252 | 163 | 50-33966 | 164 | 50-70086 | 143 | 50-70457 | 110 |
| 50-33253 | 163 | 50-33967 | 164 | 50-70133 | 109 | 50-70459 | 110 |
| 50-33254 | 163 | 50-33970 | 164 | 50-70133 | 110 | 50-70461 | 109 |
| 50-33255 | 163 | 50-33971 | 164 | 50-70133 | 167 | 50-70465 | 110 |
| 50-33260 | 163 | 50-33972 | 76 | 50-70169 | 113 | 50-70466 | 110 |
| 50-33261 | 163 | 50-33973 | 76 | 50-70170 | 113 | 50-70467 | 110 |
| 50-33262 | 163 | 50-33974 | 164 | 50-70250 | 113 | 50-70469 | 110 |
| 50-33263 | 163 | 50-33976 | 164 | 50-70253 | 143 | 50-70855 | 109 |
| 50-33264 | 163 | 50-33977 | 164 | 50-70260 | 113 | 50-70855 | 112 |
| 50-33265 | 163 | 50-64040 | 123 | 50-70286 | 115 | 50-70856 | 109 |
| 50-33321 | 171 | 50-64041 | 123 | 50-70288 | 115 | 50-70856 | 112 |
| 50-33334 | 165 | 50-64045 | 123 | 50-70289 | 115 | 50-70857 | 109 |
| 50-33335 | 165 | 50-64046 | 123 | 50-70290 | 115 | 50-70857 | 112 |
| 50-33341 | 171 | 50-64094 | 123 | 50-70291 | 115 | 50-70858 | 109 |
| 50-33364 | 169 | 50-64095 | 123 | 50-70292 | 115 | 50-70858 | 112 |
| 50-33365 | 169 | 50-64096 | 123 | 50-70293 | 115 | 50-70859 | 109 |
| 50-33375 | 169 | 50-64097 | 123 | 50-70297 | 115 | 50-70859 | 112 |
| 50-33376 | 169 | 50-64098 | 123 | 50-70298 | 115 | 50-70883 | 109 |
| 50-33376 | 169 | 50-64201 | 124 | 50-70300 | 115 | 50-70883 | 110 |
| 50-33480 | 169 | 50-64203 | 124 | 50-70305 | 114 | 50-70884 | 109 |
| 50-33484 | 169 | 50-64209 | 124 | 50-70306 | 113 | 50-70884 | 110 |
| 50-33486 | 169 | 50-64211 | 124 | 50-70307 | 113 | 50-70885 | 34 |
| 50-33490 | 169 | 50-64217 | 124 | 50-70315 | 113 | 50-70885 | 99 |
| 50-33494 | 169 | 50-64219 | 124 | 50-70316 | 113 | 50-70886 | 34 |
| 50-33496 | 169 | 50-64301 | 123 | 50-70322 | 114 | 50-70886 | 99 |
| 50-33501 | 171 | 50-64302 | 123 | 50-70323 | 114 | 50-70887 | 34 |
| 50-33507 | 27 | 50-64303 | 123 | 50-70325 | 114 | 50-70887 | 99 |
| 50-33550 | 164 | 50-64304 | 122 | 50-70326 | 113 | 50-70888 | 34 |
| 50-33554 | 164 | 50-64305 | 122 | 50-70327 | 113 | 50-70888 | 99 |
| 50-33556 | 164 | 50-64306 | 122 | 50-70330 | 114 | 50-70889 | 34 |
| 50-33560 | 164 | 50-64307 | 122 | 50-70343 | 114 | 50-70889 | 99 |
| 50-33564 | 164 | 50-64308 | 122 | 50-70344 | 113 | 50-70891 | 109 |
| 50-33566 | 164 | 50-64309 | 122 | 50-70346 | 113 | 50-70891 | 110 |
| 50-33810 | 171 | 50-64310 | 122 | 50-70347 | 114 | 50-70892 | 109 |
| 50-33815 | 171 | 50-64311 | 122 | 50-70348 | 114 | 50-70892 | 110 |
| 50-33820 | 171 | 50-64312 | 122 | ● 50-70356 | 116 | 50-70893 | 109 |
| 50-33851 | 164 | 50-64316 | 122 | ● 50-70357 | 116 | 50-70893 | 110 |
| 50-33852 | 34 | 50-64321 | 123 | 50-70363 | 115 | 50-70894 | 109 |
| 50-33852 | 99 | 50-64322 | 123 | 50-70364 | 115 | 50-70894 | 110 |
| 50-33857 | 164 | 50-64323 | 123 | 50-70366 | 115 | 50-70898 | 26 |
| 50-33861 | 164 | ● 50-64324 | 122 | 50-70367 | 115 | 50-70898 | 80 |
| 50-33867 | 164 | 50-64325 | 122 | ● 50-70377 | 116 | 50-70899 | 26 |
| 50-33875 | 171 | 50-64326 | 122 | ● 50-70380 | 113 | 50-70899 | 80 |
| 50-33916 | 170 | 50-64327 | 122 | 50-70381 | 113 | 50-70910 | 64 |
| | | 50-64328 | 122 | | | | |

INDEX OF REFERENCES

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|------------|------|----------|------|----------|------|------------|------|
| 50-70912 | 20 | 50-71671 | 100 | 50-74107 | 101 | 50-74607 | 102 |
| 50-70912 | 67 | 50-71675 | 100 | 50-74179 | 101 | 50-74701 | 105 |
| 50-70913 | 20 | 50-71687 | 99 | 50-74180 | 101 | 50-74703 | 105 |
| 50-70913 | 67 | 50-71688 | 99 | 50-74181 | 101 | 50-74704 | 104 |
| 50-70914 | 20 | 50-71801 | 101 | 50-74182 | 101 | 50-74709 | 104 |
| 50-70914 | 67 | 50-71802 | 101 | 50-74183 | 101 | 50-74741 | 104 |
| 50-70915 | 64 | 50-71803 | 101 | 50-74218 | 146 | 50-74743 | 104 |
| 50-70918 | 64 | 50-71804 | 101 | 50-74220 | 146 | 50-74764 | 104 |
| 50-70919 | 64 | 50-71807 | 101 | 50-74222 | 146 | 50-74765 | 104 |
| 50-70920 | 64 | 50-72999 | 108 | 50-74300 | 100 | 50-74780 | 165 |
| 50-70921 | 64 | 50-73002 | 97 | 50-74310 | 99 | 50-80010 | 144 |
| 50-70941 | 78 | 50-73003 | 159 | 50-74311 | 99 | 50-80011 | 144 |
| 50-70967 | 78 | 50-73028 | 76 | 50-74313 | 99 | 50-80013 | 144 |
| 50-70985 | 160 | 50-73037 | 34 | 50-74314 | 99 | 50-80014 | 144 |
| 50-70985 | 161 | 50-73037 | 99 | 50-74315 | 99 | 50-80016 | 144 |
| ● 50-70988 | 159 | 50-73054 | 29 | 50-74320 | 99 | 50-80019 | 144 |
| 50-70988 | 162 | 50-73054 | 93 | 50-74322 | 99 | 50-80020 | 144 |
| 50-71218 | 97 | 50-73055 | 29 | 50-74323 | 100 | 50-80040 | 134 |
| 50-71235 | 59 | 50-73055 | 93 | 50-74326 | 98 | 50-80041 | 134 |
| 50-71244 | 59 | 50-73056 | 29 | 50-74327 | 99 | 50-80042 | 134 |
| 50-71246 | 28 | 50-73056 | 93 | 50-74329 | 99 | 50-80043 | 134 |
| 50-71246 | 90 | 50-73058 | 34 | 50-74331 | 98 | 50-80057 | 144 |
| ● 50-71269 | 159 | 50-73058 | 99 | 50-74335 | 99 | 50-80058 | 144 |
| 50-71269 | 162 | 50-73059 | 78 | 50-74390 | 111 | 50-80059 | 144 |
| 50-71412 | 100 | 50-73065 | 70 | 50-74391 | 111 | 50-80060 | 144 |
| 50-71413 | 100 | 50-73069 | 70 | 50-74394 | 111 | 50-80073 | 134 |
| 50-71415 | 100 | 50-73076 | 159 | 50-74395 | 111 | 50-80074 | 134 |
| 50-71416 | 100 | 50-73077 | 159 | 50-74488 | 111 | 50-80076 | 134 |
| 50-71417 | 100 | 50-73106 | 70 | 50-74489 | 111 | 50-80502 | 131 |
| 50-71418 | 100 | 50-73121 | 32 | 50-74490 | 111 | 50-80503 | 131 |
| 50-71419 | 100 | 50-73121 | 96 | 50-74513 | 106 | 50-80504 | 131 |
| 50-71423 | 100 | 50-73125 | 26 | 50-74514 | 107 | 50-80505 | 131 |
| 50-71426 | 100 | 50-73125 | 80 | 50-74515 | 106 | 50-80506 | 131 |
| 50-71432 | 99 | 50-73144 | 64 | 50-74516 | 106 | ● 50-80509 | 130 |
| 50-71433 | 99 | 50-73149 | 27 | 50-74517 | 106 | 50-80509 | 131 |
| 50-71434 | 99 | 50-73149 | 84 | 50-74520 | 106 | ● 50-80510 | 130 |
| 50-71436 | 99 | 50-73163 | 59 | 50-74532 | 107 | 50-80510 | 131 |
| 50-71437 | 99 | 50-73177 | 59 | 50-74534 | 107 | 50-80511 | 131 |
| 50-71445 | 100 | 50-73178 | 59 | 50-74544 | 107 | 50-80512 | 131 |
| 50-71613 | 99 | 50-73189 | 70 | 50-74551 | 102 | 50-80519 | 131 |
| 50-71614 | 99 | 50-73204 | 86 | 50-74552 | 103 | 50-80520 | 131 |
| 50-71616 | 99 | 50-73213 | 70 | 50-74553 | 102 | 50-80522 | 143 |
| 50-71617 | 99 | 50-73217 | 105 | 50-74555 | 102 | 50-80524 | 143 |
| 50-71623 | 99 | 50-73244 | 78 | 50-74557 | 106 | 50-80525 | 143 |
| 50-71624 | 99 | 50-73247 | 70 | 50-74561 | 102 | 50-80526 | 143 |
| 50-71626 | 99 | 50-73253 | 76 | 50-74568 | 102 | 50-80529 | 43 |
| 50-71628 | 98 | 50-73265 | 163 | 50-74577 | 107 | 50-80530 | 130 |
| 50-71629 | 98 | 50-73266 | 163 | 50-74579 | 107 | 50-80530 | 131 |
| 50-71631 | 98 | 50-73277 | 18 | 50-74582 | 103 | 50-80539 | 130 |
| 50-71632 | 98 | 50-73293 | 36 | 50-74583 | 103 | 50-80539 | 131 |
| 50-71633 | 98 | 50-73293 | 105 | 50-74589 | 107 | 50-80540 | 130 |
| 50-71639 | 99 | 50-73297 | 26 | 50-74599 | 106 | 50-80540 | 131 |
| 50-71641 | 99 | 50-73297 | 80 | 50-74602 | 107 | 50-80549 | 130 |
| 50-71642 | 99 | 50-73321 | 37 | 50-74603 | 38 | 50-80549 | 131 |
| 50-71643 | 99 | 50-73321 | 105 | 50-74603 | 107 | 50-80550 | 130 |
| 50-71660 | 100 | 50-73364 | 27 | 50-74604 | 107 | ● 50-80724 | 133 |
| 50-71665 | 99 | 50-74101 | 101 | 50-74605 | 38 | ● 50-80725 | 133 |
| 50-71666 | 100 | 50-74102 | 101 | 50-74605 | 107 | 50-80734 | 132 |
| 50-71668 | 100 | 50-74103 | 101 | 50-74606 | 35 | ● 50-80735 | 132 |

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|----------|------|----------|------|----------|------|----------|------|
| 50-80802 | 111 | 50-84024 | 142 | 50-84640 | 138 | 50-85410 | 86 |
| 50-80803 | 111 | 50-84025 | 142 | 50-84652 | 139 | 50-85414 | 86 |
| 50-80803 | 130 | 50-84025 | 142 | 50-84656 | 139 | 50-85415 | 86 |
| 50-80804 | 111 | 50-84113 | 142 | 50-84659 | 139 | 50-85416 | 86 |
| 50-80804 | 130 | 50-84113 | 142 | 50-84672 | 139 | 50-85417 | 86 |
| 50-80805 | 111 | 50-84114 | 142 | 50-84761 | 140 | 50-85418 | 86 |
| 50-80805 | 130 | 50-84114 | 142 | 50-84762 | 140 | 50-85419 | 86 |
| 50-80806 | 111 | 50-84222 | 138 | 50-84763 | 140 | 50-85446 | 89 |
| 50-80806 | 130 | 50-84225 | 138 | 50-84764 | 140 | 50-85447 | 89 |
| 50-80807 | 130 | 50-84225 | 138 | 50-84793 | 140 | 50-85450 | 86 |
| 50-80808 | 130 | 50-84227 | 138 | 50-84794 | 140 | 50-85456 | 89 |
| 50-80809 | 130 | 50-84230 | 138 | 50-84830 | 140 | 50-85457 | 89 |
| 50-80812 | 111 | 50-84232 | 120 | 50-84831 | 140 | 50-85458 | 86 |
| 50-80813 | 130 | 50-84233 | 142 | 50-84832 | 140 | 50-85459 | 86 |
| 50-80814 | 111 | 50-84233 | 142 | 50-85047 | 121 | 50-85460 | 86 |
| 50-80814 | 130 | 50-84234 | 142 | 50-85073 | 121 | 50-85473 | 87 |
| 50-80815 | 111 | 50-84234 | 142 | 50-85074 | 121 | 50-85474 | 87 |
| 50-80815 | 130 | 50-84405 | 138 | 50-85075 | 121 | 50-85475 | 87 |
| 50-80816 | 130 | 50-84406 | 138 | 50-85076 | 121 | 50-85476 | 87 |
| 50-80817 | 130 | 50-84407 | 138 | 50-85077 | 121 | 50-85477 | 88 |
| 50-80818 | 130 | 50-84429 | 139 | 50-85083 | 121 | 50-85480 | 88 |
| 50-80819 | 130 | 50-84430 | 139 | 50-85097 | 120 | 50-85481 | 87 |
| 50-80831 | 132 | 50-84431 | 139 | 50-85098 | 120 | 50-85482 | 88 |
| 50-80832 | 132 | 50-84432 | 139 | 50-85104 | 96 | 50-85483 | 88 |
| 50-80834 | 132 | 50-84436 | 139 | 50-85105 | 96 | 50-85486 | 88 |
| 50-80835 | 132 | 50-84439 | 139 | 50-85106 | 96 | 50-85487 | 88 |
| 50-80836 | 132 | 50-84440 | 139 | 50-85107 | 96 | 50-85489 | 86 |
| 50-80837 | 132 | 50-84441 | 139 | 50-85108 | 96 | 50-85499 | 86 |
| 50-80841 | 133 | 50-84442 | 139 | 50-85109 | 96 | 50-85573 | 121 |
| 50-80842 | 133 | 50-84446 | 139 | 50-85110 | 96 | 50-85575 | 121 |
| 50-80844 | 133 | 50-84501 | 120 | 50-85111 | 96 | 50-85576 | 121 |
| 50-80845 | 133 | 50-84504 | 120 | 50-85112 | 96 | 50-85577 | 121 |
| 50-80846 | 133 | 50-84513 | 96 | 50-85113 | 96 | 50-85591 | 138 |
| 50-80847 | 133 | 50-84514 | 96 | 50-85118 | 96 | 50-85592 | 138 |
| 50-80850 | 130 | 50-84515 | 96 | 50-85121 | 96 | 50-85593 | 138 |
| 50-80850 | 131 | 50-84516 | 96 | 50-85144 | 97 | 50-85593 | 138 |
| 50-80850 | 132 | 50-84518 | 96 | 50-85147 | 97 | 50-85594 | 138 |
| 50-80851 | 111 | 50-84522 | 138 | 50-85148 | 97 | 50-85595 | 138 |
| 50-80856 | 111 | 50-84533 | 120 | 50-85149 | 97 | 50-85596 | 138 |
| 50-80860 | 130 | 50-84540 | 139 | 50-85186 | 97 | 50-85599 | 138 |
| 50-80862 | 132 | 50-84541 | 139 | 50-85204 | 96 | 50-85600 | 138 |
| 50-80862 | 133 | 50-84542 | 139 | 50-85213 | 96 | 50-85601 | 138 |
| 50-80863 | 111 | 50-84543 | 139 | 50-85373 | 87 | 50-85602 | 138 |
| 50-80868 | 111 | 50-84545 | 139 | 50-85374 | 88 | 50-85603 | 138 |
| 50-80869 | 111 | 50-84546 | 139 | 50-85375 | 87 | 50-85604 | 138 |
| 50-80870 | 130 | 50-84547 | 139 | 50-85376 | 87 | 50-85605 | 138 |
| 50-80871 | 132 | 50-84550 | 139 | 50-85377 | 87 | 50-85606 | 138 |
| 50-80871 | 133 | 50-84551 | 139 | 50-85380 | 87 | 50-85607 | 138 |
| 50-80873 | 111 | 50-84552 | 139 | 50-85381 | 88 | 50-85608 | 138 |
| 50-80875 | 130 | 50-84553 | 139 | 50-85382 | 87 | 50-85609 | 138 |
| 50-80875 | 131 | 50-84554 | 139 | 50-85383 | 87 | 50-85610 | 138 |
| 50-80894 | 132 | 50-84556 | 139 | 50-85384 | 88 | 50-85611 | 138 |
| 50-80895 | 132 | 50-84557 | 139 | 50-85400 | 86 | 50-85612 | 138 |
| 50-80897 | 132 | 50-84584 | 96 | 50-85404 | 86 | 50-85632 | 80 |
| 50-80997 | 139 | 50-84587 | 96 | 50-85405 | 86 | 50-85633 | 82 |
| 50-80998 | 139 | 50-84591 | 96 | 50-85406 | 86 | 50-85634 | 80 |
| 50-84023 | 142 | 50-84624 | 138 | 50-85407 | 86 | 50-85635 | 80 |
| 50-84023 | 142 | 50-84626 | 138 | 50-85408 | 86 | 50-85637 | 81 |
| 50-84024 | 142 | 50-84632 | 138 | 50-85409 | 86 | 50-85644 | 80 |

INDEX OF REFERENCES

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|----------|------|----------|------|------------|------|----------|------|
| 50-85648 | 80 | 50-85880 | 82 | 50-86232 | 94 | 50-86642 | 78 |
| 50-85673 | 87 | 50-85890 | 81 | 50-86233 | 94 | 50-86645 | 78 |
| 50-85674 | 87 | 50-85894 | 81 | 50-86234 | 94 | 50-86649 | 78 |
| 50-85675 | 87 | 50-85895 | 82 | 50-86235 | 94 | 50-86654 | 78 |
| 50-85676 | 87 | 50-86011 | 64 | ● 50-86244 | 88 | 50-86657 | 78 |
| 50-85677 | 87 | 50-86012 | 64 | 50-86245 | 88 | 50-86659 | 78 |
| 50-85680 | 88 | 50-86018 | 63 | 50-86246 | 87 | 50-86660 | 78 |
| 50-85681 | 88 | 50-86019 | 63 | ● 50-86248 | 87 | 50-86679 | 78 |
| 50-85682 | 87 | 50-86020 | 63 | 50-86261 | 88 | 50-86685 | 77 |
| 50-85683 | 87 | 50-86021 | 64 | 50-86263 | 88 | 50-86686 | 77 |
| 50-85684 | 88 | 50-86022 | 64 | 50-86264 | 88 | 50-86688 | 77 |
| 50-85692 | 81 | 50-86023 | 64 | 50-86271 | 65 | 50-86689 | 78 |
| 50-85695 | 81 | 50-86024 | 64 | 50-86276 | 65 | 50-86690 | 77 |
| 50-85701 | 81 | 50-86025 | 63 | 50-86286 | 65 | 50-86690 | 77 |
| 50-85702 | 81 | 50-86026 | 63 | 50-86291 | 65 | 50-86696 | 78 |
| 50-85703 | 81 | 50-86027 | 64 | 50-86315 | 88 | 50-86698 | 78 |
| 50-85704 | 82 | 50-86028 | 64 | 50-86316 | 88 | 50-86699 | 78 |
| 50-85705 | 82 | 50-86033 | 64 | 50-86318 | 88 | 50-86703 | 55 |
| 50-85714 | 80 | 50-86034 | 64 | 50-86320 | 88 | 50-86704 | 56 |
| 50-85715 | 80 | 50-86035 | 64 | 50-86350 | 93 | 50-86705 | 54 |
| 50-85716 | 80 | 50-86036 | 64 | 50-86373 | 87 | 50-86706 | 54 |
| 50-85717 | 80 | 50-86038 | 64 | 50-86374 | 87 | 50-86707 | 54 |
| 50-85718 | 80 | 50-86039 | 64 | 50-86375 | 87 | 50-86708 | 54 |
| 50-85723 | 81 | 50-86040 | 64 | 50-86376 | 87 | 50-86711 | 55 |
| 50-85724 | 81 | 50-86041 | 64 | 50-86377 | 87 | 50-86712 | 55 |
| 50-85725 | 82 | 50-86095 | 64 | 50-86383 | 87 | 50-86713 | 56 |
| 50-85726 | 81 | 50-86096 | 64 | 50-86392 | 87 | 50-86714 | 56 |
| 50-85728 | 82 | 50-86102 | 64 | ● 50-86445 | 61 | 50-86715 | 54 |
| 50-85773 | 88 | 50-86103 | 64 | ● 50-86446 | 61 | 50-86719 | 55 |
| 50-85774 | 87 | 50-86104 | 64 | ● 50-86447 | 61 | 50-86720 | 54 |
| 50-85775 | 87 | 50-86107 | 64 | ● 50-86448 | 61 | 50-86726 | 55 |
| 50-85776 | 87 | 50-86109 | 64 | 50-86451 | 62 | 50-86727 | 55 |
| 50-85778 | 88 | 50-86119 | 64 | 50-86452 | 62 | 50-86732 | 55 |
| 50-85779 | 88 | 50-86120 | 64 | ● 50-86455 | 62 | 50-86733 | 55 |
| 50-85781 | 87 | 50-86137 | 64 | ● 50-86456 | 62 | 50-86746 | 55 |
| 50-85782 | 88 | 50-86138 | 64 | 50-86457 | 62 | 50-86747 | 55 |
| 50-85783 | 88 | 50-86144 | 64 | 50-86459 | 62 | 50-86752 | 55 |
| 50-85787 | 88 | 50-86145 | 64 | 50-86504 | 141 | 50-86753 | 55 |
| 50-85801 | 97 | 50-86146 | 64 | 50-86505 | 141 | 50-86754 | 56 |
| 50-85820 | 88 | 50-86148 | 64 | 50-86506 | 141 | 50-86773 | 87 |
| 50-85832 | 79 | 50-86151 | 64 | 50-86507 | 141 | 50-86774 | 87 |
| 50-85833 | 79 | 50-86154 | 64 | 50-86517 | 141 | 50-86775 | 87 |
| 50-85834 | 79 | 50-86161 | 64 | 50-86518 | 141 | 50-86776 | 87 |
| 50-85836 | 79 | 50-86162 | 64 | 50-86520 | 93 | 50-86777 | 87 |
| 50-85853 | 80 | 50-86175 | 63 | 50-86523 | 92 | 50-86782 | 87 |
| 50-85855 | 80 | 50-86176 | 63 | 50-86526 | 93 | 50-86787 | 55 |
| 50-85860 | 81 | 50-86180 | 95 | 50-86530 | 92 | 50-86788 | 56 |
| 50-85862 | 80 | 50-86181 | 95 | 50-86549 | 92 | 50-86789 | 55 |
| 50-85863 | 81 | 50-86182 | 95 | 50-86566 | 87 | 50-86790 | 55 |
| 50-85867 | 81 | 50-86183 | 95 | 50-86603 | 141 | 50-86791 | 56 |
| 50-85868 | 81 | 50-86185 | 95 | 50-86604 | 141 | 50-86792 | 56 |
| 50-85869 | 81 | 50-86187 | 95 | 50-86605 | 141 | 50-86795 | 55 |
| 50-85870 | 82 | 50-86220 | 65 | 50-86606 | 141 | 50-86796 | 55 |
| 50-85872 | 82 | 50-86222 | 65 | 50-86607 | 141 | 50-86797 | 56 |
| 50-85873 | 82 | 50-86223 | 65 | 50-86608 | 141 | 50-86799 | 55 |
| 50-85874 | 82 | 50-86224 | 65 | 50-86609 | 141 | 50-86801 | 64 |
| 50-85877 | 81 | 50-86225 | 65 | 50-86630 | 78 | 50-86806 | 77 |
| 50-85878 | 81 | 50-86226 | 65 | 50-86640 | 78 | 50-86807 | 77 |
| 50-85879 | 82 | 50-86227 | 65 | 50-86641 | 78 | 50-86808 | 77 |

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|------------|------|------------|------|----------|------|----------|------|
| 50-86809 | 142 | 50-88022 | 66 | 50-88133 | 91 | 50-88540 | 16 |
| 50-86810 | 142 | 50-88024 | 66 | 50-88144 | 91 | 50-88540 | 18 |
| 50-86811 | 142 | 50-88025 | 66 | 50-88174 | 90 | 50-88540 | 24 |
| 50-86812 | 142 | 50-88026 | 66 | 50-88178 | 66 | 50-88540 | 59 |
| ● 50-86819 | 32 | 50-88028 | 66 | 50-88179 | 66 | 50-88540 | 61 |
| 50-86819 | 88 | 50-88031 | 66 | 50-88180 | 66 | 50-88542 | 83 |
| 50-86819 | 121 | 50-88032 | 66 | 50-88181 | 67 | 50-88545 | 83 |
| 50-86820 | 88 | 50-88034 | 66 | 50-88182 | 68 | 50-88546 | 84 |
| 50-86820 | 121 | 50-88058 | 20 | 50-88183 | 68 | 50-88548 | 85 |
| 50-86824 | 88 | 50-88058 | 67 | 50-88184 | 68 | 50-88552 | 84 |
| 50-86824 | 121 | 50-88061 | 68 | 50-88185 | 68 | 50-88582 | 84 |
| 50-86825 | 88 | 50-88062 | 68 | 50-88186 | 68 | 50-88585 | 84 |
| 50-86825 | 121 | 50-88063 | 68 | 50-88187 | 68 | 50-88605 | 73 |
| 50-86828 | 121 | 50-88064 | 68 | 50-88188 | 68 | 50-88606 | 74 |
| 50-86829 | 121 | 50-88065 | 68 | 50-88191 | 67 | 50-88608 | 55 |
| 50-86832 | 56 | 50-88066 | 68 | 50-88192 | 68 | 50-88609 | 56 |
| 50-86834 | 56 | 50-88067 | 68 | 50-88194 | 68 | 50-88615 | 91 |
| 50-86835 | 56 | 50-88068 | 68 | 50-88196 | 68 | 50-88616 | 91 |
| 50-86836 | 56 | 50-88069 | 68 | 50-88197 | 68 | 50-88620 | 55 |
| 50-86838 | 56 | 50-88070 | 68 | 50-88198 | 68 | 50-88674 | 82 |
| 50-86842 | 56 | 50-88071 | 68 | 50-88203 | 58 | 50-88700 | 73 |
| 50-86853 | 96 | 50-88072 | 68 | 50-88203 | 60 | 50-88701 | 73 |
| 50-86854 | 32 | 50-88073 | 67 | 50-88204 | 58 | 50-88702 | 74 |
| 50-86854 | 96 | 50-88074 | 68 | 50-88204 | 60 | 50-88703 | 74 |
| 50-86856 | 125 | 50-88075 | 68 | 50-88205 | 58 | 50-88704 | 74 |
| 50-86884 | 68 | 50-88077 | 68 | 50-88205 | 60 | 50-88705 | 74 |
| 50-86891 | 67 | 50-88078 | 68 | 50-88208 | 60 | 50-88708 | 73 |
| 50-86893 | 68 | 50-88079 | 68 | 50-88213 | 60 | 50-88710 | 73 |
| 50-86894 | 68 | 50-88080 | 68 | 50-88237 | 60 | 50-88711 | 73 |
| 50-86896 | 68 | 50-88081 | 68 | 50-88239 | 59 | 50-88712 | 74 |
| 50-87625 | 64 | 50-88082 | 68 | 50-88272 | 84 | 50-88713 | 74 |
| 50-87626 | 141 | 50-88083 | 68 | 50-88274 | 84 | 50-88714 | 74 |
| 50-87860 | 55 | 50-88084 | 68 | 50-88275 | 84 | 50-88715 | 74 |
| 50-87866 | 55 | 50-88088 | 68 | 50-88276 | 84 | 50-88718 | 73 |
| 50-87906 | 55 | 50-88089 | 68 | 50-88277 | 84 | 50-88720 | 76 |
| 50-87916 | 78 | 50-88091 | 67 | 50-88278 | 85 | 50-88722 | 76 |
| 50-87922 | 55 | 50-88092 | 68 | 50-88279 | 85 | 50-88730 | 76 |
| 50-87923 | 56 | 50-88093 | 68 | 50-88303 | 60 | 50-88731 | 76 |
| 50-87924 | 68 | 50-88094 | 68 | 50-88304 | 60 | 50-88732 | 76 |
| 50-87931 | 55 | 50-88097 | 68 | 50-88314 | 60 | 50-88733 | 76 |
| 50-87932 | 56 | 50-88098 | 68 | 50-88317 | 60 | 50-88740 | 74 |
| 50-87933 | 56 | 50-88099 | 68 | 50-88319 | 60 | 50-88741 | 74 |
| 50-87960 | 56 | 50-88100 | 68 | 50-88323 | 60 | 50-88742 | 74 |
| 50-87969 | 80 | 50-88101 | 68 | 50-88328 | 60 | 50-88743 | 75 |
| 50-87974 | 68 | 50-88102 | 68 | 50-88339 | 72 | 50-88744 | 75 |
| 50-88002 | 69 | 50-88109 | 67 | 50-88340 | 72 | 50-88746 | 74 |
| 50-88004 | 69 | 50-88111 | 68 | 50-88341 | 72 | 50-88750 | 74 |
| 50-88006 | 69 | 50-88116 | 66 | 50-88342 | 72 | 50-88751 | 74 |
| 50-88008 | 69 | 50-88117 | 68 | 50-88379 | 71 | 50-88752 | 75 |
| 50-88009 | 70 | 50-88118 | 66 | 50-88388 | 71 | 50-88753 | 75 |
| 50-88010 | 69 | 50-88120 | 66 | 50-88389 | 71 | 50-88754 | 75 |
| 50-88011 | 69 | 50-88120 | 68 | 50-88398 | 71 | 50-88755 | 75 |
| 50-88012 | 69 | 50-88121 | 90 | 50-88399 | 71 | 50-88756 | 74 |
| 50-88013 | 69 | 50-88122 | 90 | 50-88403 | 59 | 50-88758 | 83 |
| 50-88014 | 69 | ● 50-88124 | 90 | 50-88410 | 59 | 50-88759 | 83 |
| 50-88015 | 69 | 50-88125 | 91 | 50-88500 | 21 | 50-88760 | 76 |
| 50-88016 | 69 | 50-88126 | 90 | 50-88500 | 71 | 50-88770 | 76 |
| 50-88017 | 69 | 50-88127 | 91 | 50-88534 | 84 | 50-88776 | 75 |
| 50-88019 | 70 | 50-88130 | 91 | 50-88536 | 84 | 50-88777 | 75 |

INDEX OF REFERENCES

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|----------|------|----------|------|----------|------|----------|------|
| 50-88791 | 75 | 50-88964 | 60 | 50-89697 | 81 | 50-89970 | 95 |
| 50-88795 | 75 | 50-88966 | 60 | 50-89701 | 56 | 50-89971 | 95 |
| 50-88801 | 20 | 50-88970 | 58 | 50-89702 | 56 | 50-89973 | 82 |
| 50-88801 | 67 | 50-88970 | 60 | 50-89703 | 68 | 50-89985 | 74 |
| 50-88802 | 20 | 50-88980 | 60 | 50-89705 | 68 | 50-89987 | 74 |
| 50-88802 | 67 | 50-88984 | 60 | 50-89720 | 82 | 50-90001 | 76 |
| 50-88803 | 20 | 50-88986 | 60 | 50-89724 | 108 | 50-90005 | 60 |
| 50-88803 | 67 | 50-88988 | 60 | 50-89733 | 81 | 50-90006 | 60 |
| 50-88819 | 76 | 50-88990 | 60 | 50-89735 | 82 | 50-90011 | 55 |
| 50-88820 | 75 | 50-88992 | 60 | 50-89737 | 81 | 50-90012 | 68 |
| 50-88837 | 73 | 50-88994 | 60 | 50-89738 | 75 | 50-90016 | 62 |
| 50-88838 | 73 | 50-89008 | 55 | 50-89739 | 75 | 50-90020 | 62 |
| 50-88839 | 73 | 50-89014 | 55 | 50-89740 | 75 | 50-90023 | 68 |
| 50-88840 | 74 | 50-89069 | 81 | 50-89741 | 75 | 50-90030 | 141 |
| 50-88841 | 74 | 50-89108 | 56 | 50-89761 | 108 | 50-90045 | 65 |
| 50-88842 | 74 | 50-89264 | 55 | 50-89768 | 78 | 50-90046 | 99 |
| 50-88845 | 74 | 50-89337 | 55 | 50-89770 | 78 | 50-90051 | 55 |
| 50-88847 | 74 | 50-89411 | 56 | 50-89773 | 73 | 50-90052 | 91 |
| 50-88848 | 74 | 50-89412 | 56 | 50-89774 | 64 | 50-90053 | 91 |
| 50-88849 | 75 | 50-89413 | 56 | 50-89779 | 63 | 50-90055 | 82 |
| 50-88850 | 75 | 50-89416 | 56 | 50-89780 | 64 | 50-90057 | 86 |
| 50-88853 | 76 | 50-89442 | 55 | 50-89785 | 75 | 50-90060 | 93 |
| 50-88855 | 76 | 50-89462 | 55 | 50-89786 | 78 | 50-90061 | 59 |
| 50-88856 | 76 | 50-89468 | 55 | 50-89787 | 99 | 50-90062 | 59 |
| 50-88857 | 76 | 50-89469 | 81 | 50-89788 | 82 | 50-90063 | 73 |
| 50-88860 | 76 | 50-89470 | 81 | 50-89812 | 55 | 50-90071 | 75 |
| 50-88861 | 76 | 50-89489 | 78 | 50-89814 | 55 | 50-90075 | 73 |
| 50-88866 | 76 | 50-89500 | 141 | 50-89823 | 82 | 50-90078 | 60 |
| 50-88869 | 75 | 50-89505 | 74 | 50-89828 | 57 | 50-90081 | 83 |
| 50-88872 | 75 | 50-89517 | 59 | 50-89834 | 82 | 50-90082 | 57 |
| 50-88873 | 75 | 50-89523 | 74 | 50-89836 | 55 | 50-90083 | 57 |
| 50-88880 | 75 | 50-89527 | 74 | 50-89837 | 141 | 50-90088 | 60 |
| 50-88883 | 59 | 50-89528 | 60 | 50-89838 | 60 | 50-90098 | 57 |
| 50-88884 | 58 | 50-89531 | 109 | 50-89846 | 81 | 50-90100 | 57 |
| 50-88884 | 59 | 50-89531 | 112 | 50-89849 | 81 | 50-90103 | 95 |
| 50-88902 | 59 | 50-89537 | 68 | 50-89853 | 108 | 50-90108 | 68 |
| 50-88906 | 59 | 50-89542 | 101 | 50-89859 | 108 | 50-90110 | 62 |
| 50-88908 | 59 | 50-89560 | 80 | 50-89863 | 59 | 50-90111 | 68 |
| 50-88910 | 59 | 50-89563 | 55 | 50-89865 | 81 | 50-90113 | 81 |
| 50-88912 | 59 | 50-89569 | 100 | 50-89870 | 82 | 50-90114 | 81 |
| 50-88914 | 60 | 50-89590 | 81 | 50-89876 | 141 | 50-90116 | 74 |
| 50-88916 | 60 | 50-89605 | 75 | 50-89884 | 84 | 50-90120 | 66 |
| 50-88920 | 60 | 50-89611 | 143 | 50-89901 | 73 | 50-90121 | 110 |
| 50-88930 | 60 | 50-89632 | 60 | 50-89902 | 100 | 50-90124 | 95 |
| 50-88934 | 60 | 50-89633 | 81 | 50-89903 | 114 | 50-90125 | 93 |
| 50-88938 | 60 | 50-89634 | 82 | 50-89912 | 74 | 50-90145 | 68 |
| 50-88940 | 60 | 50-89637 | 75 | 50-89913 | 91 | 50-90147 | 73 |
| 50-88942 | 60 | 50-89638 | 75 | 50-89914 | 91 | 50-90149 | 62 |
| 50-88944 | 60 | 50-89639 | 59 | 50-89918 | 56 | 50-90155 | 62 |
| 50-88952 | 58 | 50-89646 | 74 | 50-89919 | 82 | 50-90160 | 82 |
| 50-88952 | 59 | 50-89647 | 56 | 50-89920 | 60 | 50-90161 | 81 |
| 50-88954 | 59 | 50-89648 | 73 | 50-89921 | 73 | 50-90162 | 60 |
| 50-88956 | 58 | 50-89657 | 110 | 50-89922 | 59 | 50-90165 | 84 |
| 50-88956 | 59 | 50-89660 | 73 | 50-89930 | 59 | 50-90166 | 74 |
| 50-88958 | 59 | 50-89664 | 56 | 50-89949 | 74 | 50-90167 | 141 |
| 50-88960 | 58 | 50-89671 | 82 | 50-89953 | 55 | 50-90170 | 62 |
| 50-88960 | 59 | 50-89675 | 73 | 50-89954 | 82 | 50-90175 | 84 |
| 50-88962 | 59 | 50-89678 | 91 | 50-89958 | 95 | 50-90176 | 84 |
| 50-88964 | 58 | 50-89690 | 55 | 50-89963 | 73 | 50-90180 | 72 |

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|----------|------|----------|------|----------|------|----------|------|
| 50-90182 | 93 | 50-90590 | 85 | 50-94342 | 59 | 50-94552 | 80 |
| 50-90191 | 99 | 50-90601 | 72 | 50-94347 | 56 | 50-94557 | 82 |
| 50-90192 | 82 | 50-90603 | 105 | 50-94348 | 56 | 50-94560 | 55 |
| 50-90196 | 92 | 50-90605 | 60 | 50-94349 | 55 | 50-94561 | 81 |
| 50-90211 | 99 | 50-90612 | 62 | 50-94353 | 74 | 50-94562 | 91 |
| 50-90219 | 76 | 50-90645 | 81 | 50-94387 | 74 | 50-94568 | 80 |
| 50-90223 | 73 | 50-90646 | 139 | 50-94394 | 59 | 50-94570 | 82 |
| 50-90230 | 64 | 50-90652 | 141 | 50-94400 | 73 | 50-94571 | 78 |
| 50-90231 | 56 | 50-90667 | 65 | 50-94401 | 91 | 50-94572 | 56 |
| 50-90232 | 56 | 50-90676 | 105 | 50-94402 | 78 | 50-94573 | 60 |
| 50-90237 | 104 | 50-90678 | 105 | 50-94403 | 59 | 50-94574 | 59 |
| 50-90238 | 56 | 50-90685 | 81 | 50-94404 | 74 | 50-94576 | 74 |
| 50-90240 | 62 | 50-90706 | 141 | 50-94407 | 99 | 50-94577 | 75 |
| 50-90244 | 65 | 50-90707 | 85 | 50-94409 | 99 | 50-94578 | 73 |
| 50-90246 | 73 | 50-90708 | 57 | 50-94410 | 59 | 50-94580 | 59 |
| 50-90248 | 74 | 50-90709 | 57 | 50-94412 | 55 | 50-94584 | 56 |
| 50-90253 | 99 | 50-90716 | 76 | 50-94416 | 56 | 50-94588 | 73 |
| 50-90260 | 62 | 50-90717 | 76 | 50-94423 | 59 | 50-94589 | 59 |
| 50-90267 | 74 | 50-90720 | 82 | 50-94424 | 80 | 50-94590 | 73 |
| 50-90270 | 86 | 50-90723 | 96 | 50-94428 | 59 | 50-94591 | 59 |
| 50-90271 | 84 | 50-90729 | 88 | 50-94434 | 75 | 50-94593 | 86 |
| 50-90278 | 86 | 50-90731 | 72 | 50-94437 | 55 | 50-94594 | 73 |
| 50-90282 | 99 | 50-90735 | 100 | 50-94441 | 73 | 50-94598 | 73 |
| 50-90287 | 62 | 50-90740 | 72 | 50-94443 | 73 | 50-94599 | 73 |
| 50-90288 | 139 | 50-94073 | 80 | 50-94447 | 81 | 50-94600 | 73 |
| 50-90292 | 74 | 50-94081 | 55 | 50-94449 | 91 | 50-94601 | 74 |
| 50-90294 | 139 | 50-94115 | 91 | 50-94450 | 74 | 50-94602 | 74 |
| 50-90304 | 100 | 50-94119 | 60 | 50-94451 | 82 | 50-94603 | 55 |
| 50-90304 | 100 | 50-94138 | 73 | 50-94452 | 80 | 50-94609 | 75 |
| 50-90309 | 96 | 50-94170 | 55 | 50-94453 | 73 | 50-94612 | 91 |
| 50-90330 | 107 | 50-94180 | 81 | 50-94455 | 73 | 50-94614 | 60 |
| 50-90341 | 110 | 50-94191 | 81 | 50-94456 | 74 | 50-94617 | 60 |
| 50-90342 | 55 | 50-94221 | 60 | 50-94459 | 74 | 50-94618 | 78 |
| 50-90356 | 141 | 50-94222 | 86 | 50-94466 | 60 | 50-94620 | 81 |
| 50-90357 | 141 | 50-94223 | 82 | 50-94467 | 59 | 50-94622 | 99 |
| 50-90387 | 75 | 50-94234 | 55 | 50-94476 | 91 | 50-94624 | 55 |
| 50-90389 | 60 | 50-94236 | 141 | 50-94477 | 74 | 50-94625 | 91 |
| 50-90395 | 65 | 50-94240 | 55 | 50-94489 | 75 | 50-94626 | 74 |
| 50-90399 | 60 | 50-94242 | 56 | 50-94490 | 55 | 50-94627 | 74 |
| 50-90405 | 85 | 50-94243 | 91 | 50-94492 | 55 | 50-94635 | 74 |
| 50-90410 | 61 | 50-94245 | 81 | 50-94493 | 99 | 50-94636 | 55 |
| 50-90411 | 74 | 50-94246 | 55 | 50-94497 | 78 | 50-94638 | 55 |
| 50-90441 | 75 | 50-94252 | 80 | 50-94503 | 78 | 50-94639 | 100 |
| 50-90450 | 62 | 50-94257 | 55 | 50-94515 | 80 | 50-94640 | 100 |
| 50-90455 | 141 | 50-94261 | 56 | 50-94518 | 74 | 50-94641 | 99 |
| 50-90459 | 84 | 50-94262 | 56 | 50-94522 | 73 | 50-94645 | 76 |
| 50-90464 | 107 | 50-94292 | 86 | 50-94525 | 59 | 50-94647 | 76 |
| 50-90471 | 146 | 50-94298 | 73 | 50-94527 | 91 | 50-94648 | 75 |
| 50-90479 | 107 | 50-94300 | 56 | 50-94528 | 78 | 50-94651 | 75 |
| 50-90492 | 103 | 50-94301 | 56 | 50-94529 | 78 | 50-94657 | 60 |
| 50-90510 | 82 | 50-94304 | 56 | 50-94538 | 81 | 50-94660 | 84 |
| 50-90517 | 81 | 50-94310 | 81 | 50-94539 | 55 | 50-94661 | 110 |
| 50-90528 | 141 | 50-94311 | 73 | 50-94541 | 55 | 50-94662 | 110 |
| 50-90538 | 85 | 50-94318 | 59 | 50-94542 | 74 | 50-94663 | 110 |
| 50-90540 | 88 | 50-94320 | 56 | 50-94544 | 73 | 50-94664 | 56 |
| 50-90548 | 82 | 50-94321 | 78 | 50-94547 | 81 | 50-94667 | 80 |
| 50-90564 | 105 | 50-94323 | 55 | 50-94549 | 99 | 50-94672 | 78 |
| 50-90572 | 85 | 50-94325 | 78 | 50-94550 | 99 | 50-94673 | 73 |
| 50-90589 | 100 | 50-94335 | 74 | 50-94551 | 78 | 50-94674 | 56 |

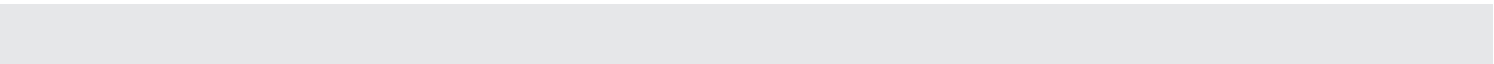
INDEX OF REFERENCES

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|----------|------|-----------------|------|-----------------|------|---------------|------|
| 50-94679 | 78 | 50-94890 | 107 | 208-000369013 | 22 | 332-000034018 | 146 |
| 50-94680 | 75 | 50-94896 | 59 | 208-000371013 | 22 | 340-000219018 | 32 |
| 50-94684 | 91 | 50-94916 | 84 | 208-000375013 | 22 | 340-000360018 | 32 |
| 50-94685 | 73 | 50-94919 | 105 | 208-000378013 | 22 | 341-000186015 | 31 |
| 50-94686 | 110 | 50-94921 | 73 | 208-000380013 | 22 | 341-000219015 | 31 |
| 50-94687 | 74 | 50-94922 | 73 | 209-000186013 | 24 | 341-000375015 | 31 |
| 50-94691 | 68 | 50-94923 | 95 | 209-000219013 | 24 | 341-000378015 | 31 |
| 50-94692 | 84 | 50-94927 | 81 | 209-000367013 | 24 | 341-000380015 | 31 |
| 50-94700 | 74 | 50-94928 | 73 | 209-000369013 | 24 | 401-000186016 | 33 |
| 50-94701 | 73 | 50-94939 | 76 | 209-000371013 | 24 | 401-000219016 | 33 |
| 50-94702 | 55 | 50-94946 | 95 | 209-000375013 | 24 | 401-000367016 | 33 |
| 50-94707 | 55 | 101-000186016 | 17 | 209-000378013 | 24 | 401-000369016 | 33 |
| 50-94708 | 59 | 101-000219016 | 17 | 209-000380013 | 24 | 401-000371016 | 33 |
| 50-94710 | 81 | 101-000367016 | 17 | 210-000186013 | 23 | 401-000375016 | 33 |
| 50-94711 | 81 | 101-000369016 | 17 | 210-000219013 | 23 | 401-000378016 | 33 |
| 50-94712 | 81 | 101-000371016 | 17 | 210-000367013 | 23 | 401-000380016 | 33 |
| 50-94713 | 110 | 101-000375016 | 17 | 210-000369013 | 23 | 405-000186012 | 35 |
| 50-94718 | 78 | 101-000378016 | 17 | 210-000371013 | 23 | 405-000219012 | 35 |
| 50-94719 | 56 | 101-000380016 | 17 | 210-000375013 | 23 | 405-000371012 | 35 |
| 50-94720 | 78 | ● 103-000183016 | 18 | 210-000378013 | 23 | 405-000375012 | 35 |
| 50-94721 | 56 | ● 103-000186016 | 18 | 210-000380013 | 23 | 405-000378012 | 35 |
| 50-94726 | 99 | 103-000189016 | 18 | 211-000186013 | 25 | 405-000380012 | 35 |
| 50-94727 | 73 | 103-000218016 | 18 | 211-000219013 | 25 | 406-000186012 | 37 |
| 50-94732 | 76 | 103-000219016 | 18 | 211-000369013 | 25 | 406-000219012 | 37 |
| 50-94735 | 81 | 103-000220016 | 18 | 211-000371013 | 25 | 406-000378012 | 37 |
| 50-94736 | 81 | 103-000222016 | 18 | 211-000378013 | 25 | 406-000380012 | 37 |
| 50-94737 | 91 | ● 103-000407016 | 150 | 211-000379013 | 25 | 407-000186012 | 36 |
| 50-94740 | 74 | 103-000407016 | 151 | 211-000380013 | 25 | 407-000219012 | 36 |
| 50-94741 | 81 | 103-000439016 | 18 | ● 220-000219013 | 27 | 407-000369012 | 36 |
| 50-94742 | 74 | 103-000441016 | 18 | 220-000375013 | 27 | 407-000371012 | 36 |
| 50-94747 | 111 | 104-000192016 | 16 | 220-000379013 | 27 | 407-000375012 | 36 |
| 50-94748 | 56 | 104-000194016 | 16 | 220-000380013 | 27 | 407-000378012 | 36 |
| 50-94752 | 84 | 104-000195016 | 16 | 220-000406013 | 150 | 407-000380012 | 36 |
| 50-94760 | 73 | 104-000225016 | 16 | 301-000186029 | 28 | 408-000186012 | 38 |
| 50-94761 | 73 | 104-000227016 | 16 | 301-000219029 | 28 | 408-000219012 | 38 |
| 50-94764 | 74 | 104-000445016 | 16 | 301-000371029 | 28 | 408-000371012 | 38 |
| 50-94769 | 59 | 202-000186004 | 19 | 301-000375029 | 28 | 408-000375012 | 38 |
| 50-94770 | 59 | 202-000186009 | 19 | 301-000378029 | 28 | 408-000378012 | 38 |
| 50-94772 | 59 | 202-000186029 | 19 | 301-000380029 | 28 | 408-000380012 | 38 |
| 50-94773 | 84 | 202-000219004 | 19 | 302-000186014 | 29 | 409-000186017 | 34 |
| 50-94782 | 81 | 202-000219009 | 19 | 302-000219014 | 29 | 409-000219017 | 34 |
| 50-94789 | 73 | 202-000219029 | 19 | 302-000371014 | 29 | 409-000367017 | 39 |
| 50-94790 | 59 | 202-000378004 | 19 | 302-000375014 | 29 | 409-000369017 | 39 |
| 50-94791 | 74 | 202-000378009 | 19 | 302-000378014 | 29 | 409-000371017 | 34 |
| 50-94796 | 78 | 202-000378029 | 19 | 302-000380014 | 29 | 409-000375017 | 34 |
| 50-94797 | 74 | 202-000380004 | 19 | 319-000186014 | 30 | 409-000378017 | 34 |
| 50-94798 | 86 | 202-000380009 | 19 | 319-000219014 | 30 | 409-000380017 | 34 |
| 50-94803 | 74 | 202-000380029 | 19 | 319-000371014 | 30 | 500-000830603 | 152 |
| 50-94804 | 56 | 207-000186012 | 21 | 319-000375014 | 30 | 500-000830604 | 152 |
| 50-94805 | 56 | 207-000219012 | 21 | 319-000378014 | 30 | 500-000846603 | 152 |
| 50-94830 | 72 | 207-000367012 | 21 | 319-000380014 | 30 | 500-000846604 | 152 |
| 50-94834 | 73 | 207-000369012 | 21 | 332-000020018 | 146 | 500-000847603 | 152 |
| 50-94852 | 62 | 207-000371012 | 21 | 332-000021018 | 146 | 500-000847604 | 152 |
| 50-94859 | 73 | 207-000375012 | 21 | 332-000022018 | 146 | 500-000848603 | 152 |
| 50-94861 | 55 | 207-000378012 | 21 | 332-000026018 | 146 | 500-000848604 | 152 |
| 50-94880 | 55 | 207-000380012 | 21 | 332-000027018 | 146 | 502-000833603 | 154 |
| 50-94885 | 59 | 208-000186013 | 22 | 332-000028018 | 146 | 502-000833604 | 154 |
| 50-94887 | 88 | 208-000219013 | 22 | 332-000032018 | 146 | 502-000834603 | 154 |
| 50-94889 | 59 | 208-000367013 | 22 | 332-000033018 | 146 | 502-000834604 | 154 |

| CODE | PAGE | CODE | PAGE | CODE | PAGE | CODE | PAGE |
|---------------|------|-------------|------|------------|------|----------|------|
| 502-000835603 | 154 | CAM09604 | 159 | CR47660500 | 166 | S-551007 | 157 |
| 502-000835604 | 154 | CAM09763 | 159 | CU30503 | 159 | S-551007 | 158 |
| 502-000836603 | 154 | CAM09764 | 159 | ● CU30603 | 159 | S-551008 | 157 |
| 502-000836604 | 154 | CAM09883 | 159 | CU35503 | 159 | S-551056 | 160 |
| 900-000186000 | 46 | CAM09884 | 159 | ● CU35603 | 159 | S-551056 | 161 |
| 900-000219000 | 46 | ● CAM10603 | 159 | CU39503 | 159 | S-551106 | 158 |
| 900-000371000 | 46 | CAM10604 | 159 | ● CU39603 | 159 | S-551106 | 158 |
| 900-000375000 | 46 | CAM10763 | 159 | ● D-480036 | 156 | S-551106 | 162 |
| 900-000378000 | 46 | CAM10764 | 159 | ● D-480039 | 156 | S-551107 | 158 |
| 901-000219013 | 47 | CAM10883 | 159 | N-469350 | 32 | S-551156 | 160 |
| 901-000375013 | 47 | CAM10884 | 159 | N-486300 | 32 | S-551156 | 161 |
| 901-000379013 | 47 | CAM12604 | 159 | S-473208 | 161 | S-551156 | 162 |
| 902-000186000 | 48 | CAM12764 | 159 | S-473209 | 161 | S-551206 | 157 |
| 902-000219000 | 48 | CAM12764M60 | 159 | S-473210 | 161 | S-551206 | 158 |
| 902-000371000 | 48 | CAM12884 | 159 | S-473211 | 161 | S-551206 | 158 |
| 902-000375000 | 48 | ● CEU04603 | 158 | S-473308 | 161 | S-551207 | 157 |
| 902-000378000 | 48 | ● CEU05603 | 158 | S-473309 | 161 | S-551207 | 157 |
| 903-000186000 | 49 | ● CEU06603 | 158 | S-473310 | 161 | S-551207 | 158 |
| 903-000219000 | 49 | ● CEU07603 | 158 | S-473311 | 161 | S-551207 | 158 |
| 903-000371000 | 49 | ● CEU08603 | 158 | S-480936 | 156 | S-551208 | 157 |
| 903-000375000 | 49 | ● CEU08604 | 158 | S-480939 | 156 | S-551266 | 160 |
| 903-000378000 | 49 | ● CEU09603 | 158 | S-550356 | 157 | S-553304 | 157 |
| 905-000219000 | 50 | ● CEU09604 | 158 | S-550406 | 157 | S-553305 | 157 |
| 905-000379000 | 50 | ● CEU10603 | 158 | S-550406 | 158 | S-553306 | 157 |
| BAM06103 | 162 | ● CEU10604 | 158 | S-550406 | 158 | S-553307 | 157 |
| BAM06153 | 162 | ● CEU12604 | 158 | S-550507 | 157 | S-553308 | 157 |
| BAM07103 | 162 | ● CEU12764 | 158 | S-550507 | 158 | S-553309 | 157 |
| BAM07153 | 162 | CIL30100 | 160 | S-550507 | 158 | S-553335 | 157 |
| BAM07153P50 | 162 | CIL35100 | 160 | S-550606 | 157 | S-553410 | 157 |
| BAM08103 | 162 | CIL40100 | 160 | S-550606 | 158 | S-553412 | 157 |
| BAM08153 | 162 | CIL50100 | 160 | S-550606 | 158 | S-554308 | 157 |
| BAM09153 | 162 | CIL60127 | 160 | S-550706 | 162 | S-554409 | 157 |
| BAM09153P50 | 162 | CIL70127 | 160 | S-550756 | 158 | S-554410 | 157 |
| BAM09203 | 162 | CR160601000 | 166 | S-550756 | 158 | S-554412 | 157 |
| BAM10153 | 162 | CR160601500 | 166 | S-550806 | 157 | S-555410 | 157 |
| BAM10203 | 162 | CR16060500 | 166 | S-550806 | 158 | S-555412 | 157 |
| BAM12154 | 162 | CR16060700 | 166 | S-550806 | 158 | S-577257 | 168 |
| BAM12204 | 162 | CR176601000 | 166 | S-550806 | 160 | S-577258 | 168 |
| BEU06153 | 162 | CR176601500 | 166 | S-550806 | 161 | S-577259 | 168 |
| ● BEU07153 | 162 | CR17660500 | 166 | S-550806 | 162 | S-577260 | 168 |
| ● BEU08153 | 162 | CR17660700 | 166 | S-550807 | 157 | S-577261 | 168 |
| ● BEU09153 | 162 | CR260601000 | 166 | S-550846 | 160 | S-577262 | 168 |
| BEU10153 | 162 | CR260601500 | 166 | S-550846 | 161 | S-577263 | 168 |
| BEU10203 | 162 | CR26060500 | 166 | S-550906 | 157 | S-577264 | 168 |
| BEU12154 | 162 | CR26060700 | 166 | S-550906 | 158 | S-577265 | 168 |
| BEU12204 | 162 | CR276601000 | 166 | S-550906 | 160 | S-577266 | 168 |
| ● CAM04603 | 159 | CR276601500 | 166 | S-550906 | 161 | S-577267 | 168 |
| ● CAM04763M60 | 159 | CR27660500 | 166 | S-550906 | 162 | S-577268 | 168 |
| ● CAM05603 | 159 | CR27660700 | 166 | S-550907 | 157 | S-577269 | 168 |
| CAM05763M60 | 159 | CR360601000 | 166 | S-550907 | 157 | S-577270 | 168 |
| ● CAM06603 | 159 | CR360601500 | 166 | S-550907 | 158 | S-577272 | 168 |
| CAM06603P50 | 159 | CR36060500 | 166 | S-550946 | 160 | S-577273 | 168 |
| CAM06763M60 | 159 | CR36060700 | 166 | S-550946 | 161 | S-577275 | 168 |
| ● CAM07603 | 159 | CR376601000 | 166 | S-551006 | 157 | S-577275 | 168 |
| ● CAM08603 | 159 | CR376601500 | 166 | S-551006 | 158 | S-577276 | 168 |
| CAM08604 | 159 | CR37660500 | 166 | S-551006 | 160 | S-577276 | 168 |
| CAM08763 | 159 | CR37660700 | 166 | S-551006 | 161 | S-577277 | 168 |
| CAM08764 | 159 | CR46060500 | 166 | S-551006 | 162 | S-577278 | 167 |
| ● CAM09603 | 159 | CR46060700 | 166 | S-551007 | 157 | S-577279 | 167 |

INDEX OF REFERENCES

| CODE | PAGE |
|----------|------|
| S-577280 | 167 |
| S-577281 | 167 |
| S-581509 | 161 |
| S-581575 | 161 |
| S-581608 | 160 |
| S-581609 | 160 |
| S-581610 | 160 |
| S-581611 | 160 |
| S-581708 | 160 |
| S-581709 | 160 |
| S-581710 | 160 |
| S-581711 | 160 |
| S-581809 | 160 |
| S-581810 | 160 |
| S-581811 | 160 |
| S-583005 | 158 |
| S-583006 | 158 |
| S-583007 | 158 |
| S-583008 | 158 |
| S-583009 | 158 |
| S-583010 | 158 |
| S-583011 | 158 |
| S-583012 | 158 |
| S-583075 | 158 |
| S-584009 | 158 |
| S-584010 | 158 |
| S-584011 | 158 |
| S-584012 | 158 |
| S-585409 | 157 |
| S-585410 | 157 |
| S-585412 | 157 |
| S-585509 | 157 |
| S-585510 | 157 |
| S-585512 | 157 |
| S-586208 | 161 |
| S-586209 | 161 |
| S-586210 | 161 |
| S-586211 | 161 |
| S-586308 | 161 |
| S-586309 | 161 |
| S-586310 | 161 |
| S-586311 | 161 |



STANDARDISED LUMINAIRE DESCRIPTION

Standardised luminaire model block description (characters 1 to 10)

| Luminaire model | | | | | | | | | | Istanium® LED Lighting Engine | | | | | | | | | | | | | | Finish | | | | | | | | | | | | | | | |
|-----------------|------|---------------|-------|------------|------------|------------|--------------|--------|--------------------|-------------------------------|--------------------|-----------------|---|---------|-----------------------|---------|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Range | Size | Fixing System | Cover | Diffuser 1 | Diffuser 2 | Diffuser 3 | Wired Length | Optics | Colour Temperature | Power | LED supply current | LED module type | Luminaire / control gear supply voltage | Dimming | Electrical protection | Finish* | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| N | A | T | M | X | F | G | T | F | O | R | F | _ | W | D | L | _ | 2 | 0 | W | 5 | 3 | 0 | I | A | 2 | 3 | _ | 2 | N | + | _ | C | 2 | G | Y | T | E | C | H |

| Luminaire model | | |
|----------------------------------|---|------------------------------------|
| Range (characters 1 to 3) | Model (characters 4 to 6) | Diffuser 1 (character 7) |
| KUM Kuma | LAF L size, fixing by wall arm, flat cover | M PMMA |
| NAT Nath | LAS L size, lateral Ø 60 mm fixing, spherical cover | A High Impact Resistance PMMA |
| MIZ Mizar | LBF L size, fixing using adjustable bracket, flat cover | P Polycarbonate |
| ALY Alya | LCS L size, catenary fixing, spherical cover | G Tempered Glass |
| ATK Atik | LHF L size, fixing by hanging bracket for tunnels, flat cover | E Polyethylene |
| HYD Hydra | LHS Size L, suspended 3/4" G fixing, spherical cover | |
| BOR Bora | LXF L size, lateral / post-top Ø 60 mm fixing, flat cover | Diffuser 2 (character 8) |
| BER Berlin | MAF M size, lateral 3/4" G fixing, flat cover | T Transparent |
| PRG Praga | MCC M size, catenary fixing, conical cover | P Prismatic |
| VIE Viena | MHC M size, suspended fixing, conical cover | E Engraved |
| ETN Etna | MPB M size, Ø 60 mm post-top fixing, beret cover | S Sanded |
| DEM Demon | MPC M size, Ø 60 mm post-top fixing, conical cover | O Opal |
| MIL Milos | MPF M size, Ø 60 mm post-top fixing, flat cover | |
| FOG Fogo | MPS M size, Ø 60 mm post-top fixing, spherical cover | Diffuser 3 (character 9) |
| LOR Lore | MXF M size, bracket / post-top and lateral Ø 60 mm fixing, flat cover | F Flat |
| | SHF S size, fixing using suspended bracket, flat cover | C Cylindrical |
| | SPF Fixing plate, SP Spanish door, flat cover | S Spherical |
| | SXF S size, bracket fixing, flat cover | B Curved |
| | | T 4-sided box |
| | | H With louvre grid at 180° (KUMA) |
| | | L Lenticular |
| | | Cable length (character 10) |
| | | 5 Pre-wired 5 metres |
| | | 0 No pre-wiring (0 metres) |

Standardised Istanium® LED lighting engine block description (characters 11 to 34)

| Luminaire model | | | | | | | | | | Istanium® LED Lighting Engine | | | | | | | | | | | | | | Finish | | | | | | | | | | | | | | | |
|-----------------|------|---------------|-------|------------|------------|------------|--------------|--------|--------------------|-------------------------------|--------------------|-----------------|---|---------|-----------------------|---------|----|----|----|----|----|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Range | Size | Fixing System | Cover | Diffuser 1 | Diffuser 2 | Diffuser 3 | Wired Length | Optics | Colour Temperature | Power | LED supply current | LED module type | Luminaire / control gear supply voltage | Dimming | Electrical protection | Finish* | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| N | A | T | M | X | F | G | T | F | O | R | F | _ | W | D | L | _ | 2 | 0 | W | 5 | 3 | 0 | I | A | 2 | 3 | _ | 2 | N | + | _ | C | 2 | G | Y | T | E | C | H |

| Istanium® LED Lighting Engine | | |
|-------------------------------------|---|--|
| Optics (characters 11 to 13) | LED power and supply (characters 14 to 25) | Luminaire / gear power supply (characters 26 to 28) |
| AE_ Asymmetric type E | 269W700 269 W 700 mA 128 LED | 23_ 230 V ac/50 Hz Input |
| AG_ Asymmetric type G | 134W700 134 W 700 mA 64 LED | 12_ 12/24 V dc Input |
| RE_ Road Extended Light | _84W700 _84 W 700 mA 40 LED | |
| RF_ Road Frontal Light | _81W700 _81 W 700 mA 36 LED | Dimming (characters 29 to 32) |
| RJ_ Road Frontal Type J | _54W700 _54 W 700 mA 24 LED | 2N_ Double level without control line |
| RW_ Road Wide Light | _34W700 _34 W 700 mA 16 LED | 2N+ Double level with control line |
| SRF Symmetrical Road Frontal Light | _27W700 _27 W 700 mA 12 LED | 1N_ No dimming |
| CIN Intensive Conical | 116W530 116 W 530 mA 72 LED | CAD Cabinet Amplitude Dimming |
| CME Medium Conical | _96W530 _96 W 530 mA 60 LED | 1-10 Dimming protocol 1..10 V |
| EW_ Wide Elliptical | _77W530 _77 W 530 mA 48 LED | DALI dimming via DALI bus |
| | _64W530 _64 W 530 mA 40 LED | MOV_ With movement detector |
| | _58W530 _58 W 530 mA 36 LED | |
| | _39W530 _39 W 530 mA 24 LED | Electrical protection (characters 33 to 34) |
| | _24W530 _24 W 530 mA 16 LED | C1 Class I |
| | _20W530 _20 W 530 mA 12 LED | C2 Class II |
| | _99W350 _99 W 350 mA 96 LED | C3 Class III |
| | _86W350 _86 W 350 mA 84 LED | |
| | _74W350 _74 W 350 mA 72 LED | |
| | _61W350 _61 W 350 mA 60 LED | |
| | _49W350 _49 W 350 mA 48 LED | |
| | _42W350 _42 W 350 mA 40 LED | |
| | _37W350 _37 W 350 mA 36 LED | |
| | _25W350 _25 W 350 mA 24 LED | |
| | _17W350 _17 W 350 mA 16 LED | |
| | _13W350 _13 W 350 mA 12 LED | |
| | LED module type | |
| | IA Istanium® LED | |

Standardised HID lighting engine block description (characters 11 to 34)

| Luminaire model | | | | | | | | | | HID Lighting Engine | | | | | | | | | | | | | | Finish | | | | | | | | | | | | | | | |
|-----------------|---|------|---------------|-------|------------|------------|------------|--------------|-----------|---------------------|---------------------|----|----|----|--------------------|----|----|----|---|----|---------|----|-----------------------|--------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Range | | Size | Fixing System | Cover | Diffuser 1 | Diffuser 2 | Diffuser 3 | Wired Length | Reflector | Number of lamps | Lamp type and power | | | | Lamp holder socket | | | | Luminaire / control gear supply voltage | | Dimming | | Electrical protection | | Finish* | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| M | I | Z | M | A | F | G | T | F | 0 | A | 3 | 0 | - | 1 | S | T | 1 | 5 | 0 | E | 2 | 7 | - | - | E | M | - | 2 | N | P | 2 | C | 1 | W | H | 9 | 0 | 0 | 3 |

| HID Lighting Engine | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|--|--|--|--|
| Reflector (characters 11 to 14) | | | | | | | Lamp type (characters 16 to 17) | | | | | | | Socket (characters 21 to 25) | | | | | | |
| AS_ | Asymmetrical | | | | | | SM | For High Pressure Sodium and Metal Halides | | | | | | E27_ | | | | | | |
| A30_ | Asymmetrical 30° | | | | | | SO | For High Pressure Sodium | | | | | | E40_ | | | | | | |
| S20_ | Symmetrical 20° | | | | | | MH | For Metal Halides | | | | | | G12_ | | | | | | |
| S30_ | Symmetrical 30° | | | | | | ST | Including Tubular Sodium lamp | | | | | | RX7s_ | | | | | | |
| S60_ | Symmetrical 60° | | | | | | MT | Including Tubular Metal Halide lamp | | | | | | K12_ | | | | | | |
| S80_ | Symmetrical 80° | | | | | | FSD | Fluorescent | | | | | | G13_ | | | | | | |
| S90_ | Symmetrical 90° | | | | | | QE | Ovoid Mercury Vapour | | | | | | 2G11_ | | | | | | |
| CON_ | Conical | | | | | | Power (characters 18 to 20) | | | | | | | FC2_ | | | | | | |
| C30_ | Conical 30° | | | | | | _35 | 35 W | | | | | | Luminaire and gear power supply (characters 26 to 28) | | | | | | |
| L16N | 16 black slats | | | | | | _50 | 50 W | | | | | | EM_ | Electromagnetic control gear, 230 V 50 Hz | | | | | |
| L21_ | 21 slats | | | | | | _70 | 70 W | | | | | | EG_ | Electromagnetic control gear, 230 V 60 Hz | | | | | |
| L16_ | 16 slats | | | | | | 100 | 100 W | | | | | | EL_ | Electronic control gear, 230 V 50/60 Hz | | | | | |
| L21N | 21 black slats | | | | | | 150 | 150 W | | | | | | Dimming (characters 29 to 32) | | | | | | |
| LAR_ | Anti Reflective slats | | | | | | 250 | 250 W | | | | | | 2N_ | Double level without control line | | | | | |
| LBAR | Basic Anti Reflective slats | | | | | | 400 | 400 W | | | | | | 2N+ | Double level with control line | | | | | |
| RD_ | Road | | | | | | 600 | 600 W | | | | | | 1N_ | No dimming | | | | | |
| CT_ | City | | | | | | 1K_ | 1000 W | | | | | | CAD | Cabinet Amplitude Dimming | | | | | |
| WB_ | Extensive (Wide Beam) | | | | | | 2K_ | 2000 W | | | | | | 1-10 | Dimming protocol 1..10 V | | | | | |
| SRD_ | Road Micro-reflector | | | | | | _18 | 18 W | | | | | | DALI | dimming via DALI bus | | | | | |
| AAR_ | Anti Reflective rings | | | | | | _36 | 36 W | | | | | | Dimming (characters 33 to 34) | | | | | | |
| Number of lamps (character 15) | | | | | | | | | | | | | | C1 | Class I | | | | | |
| 1 | 1 lamp | | | | | | | | | | | | | C2 | Class II | | | | | |
| 2 | 2 lamps | | | | | | | | | | | | | | | | | | | |
| 4 | 4 lamps | | | | | | | | | | | | | | | | | | | |

Standardised Finish block description (characters 35 to 40)

| Luminaire model | | | | | | | | | | HID Lighting Engine | | | | | | | | | | | | | | Finish | | | | | | | | | | | | | | | |
|-----------------|---|------|---------------|-------|------------|------------|------------|--------------|-----------|---------------------|---------------------|----|----|----|--------------------|----|----|----|---|----|---------|----|-----------------------|--------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Range | | Size | Fixing System | Cover | Diffuser 1 | Diffuser 2 | Diffuser 3 | Wired Length | Reflector | Number of lamps | Lamp type and power | | | | Lamp holder socket | | | | Luminaire / control gear supply voltage | | Dimming | | Electrical protection | | Finish* | | | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| M | I | Z | M | A | F | G | T | F | 0 | A | 3 | 0 | - | 1 | S | T | 1 | 5 | 0 | E | 2 | 7 | - | - | E | M | - | 2 | N | P | 2 | C | 1 | W | H | 9 | 0 | 0 | 3 |

| Finish | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|---|---|---|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Finish (characters 35 to 40) | | | | | | | | | | | | | | | | | | | |
| B | K | T | E | C | H | Simon Lighting BKTECH Colour | | | | | | | | | | | | | |
| G | Y | D | E | C | O | Simon Lighting BKTECH Colour | | | | | | | | | | | | | |
| O | X | I | C | O | R | Simon Lighting BKTECH Colour | | | | | | | | | | | | | |
| G | Y | 9 | 0 | 0 | 7 | RAL 9007 Grey Colour | | | | | | | | | | | | | |
| R | L | x | x | x | x | RAL number XXXX Colour (RAL CLASSIC Chart) | | | | | | | | | | | | | |
| S | S | - | - | - | - | Stainless steel | | | | | | | | | | | | | |
| A | S | - | - | - | - | Extruded Aluminium | | | | | | | | | | | | | |

STANDARDISED ARM DESCRIPTION

| Range | | | WALL IDENTITY | | | Length | | | Luminaire Fixing | | | Diameter | | | Special characteristics | | | Tailor made | | | Finish | | | | | | | | | | | | | | | | | | |
|-------|---|---|---------------|---|---|--------|---|---|------------------|----|----|----------|----|----|-------------------------|----|----|-------------|----|----|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| B | M | 1 | - | W | - | 2 | 7 | 0 | - | P | - | - | - | - | 1 | G | - | A | L | - | - | - | - | P | C | F | - | - | - | - | - | - | B | E | 1 | 0 | 1 | 5 | |

| Arm Model | | | | | |
|-----------|--|-----------------|--|-------------------------|--|
| Range | | Fixing | | Special Characteristics | |
| BM1_ | BM1 wall arm - banderole, Evolution to BAN_W | P_ | Post-top | B110_ | BM2 plate drilled hole distance |
| BM2_ | BM2 wall arm | H_ | Hanging | B90_ | BM2 plate drilled hole distance |
| BM5_ | BM5 wall arm | L00 | Lateral at 0° | T1_ | BM10 Type 1 wall arm |
| BM9_ | BM9 wall arm | L05 | Lateral at 5° | T2_ | BM10 Type 2 wall arm |
| BM10 | BM10 wall arm | L10 | Lateral at 10° | WG_ | BM1 wall arm with gear holder |
| BM11 | BM11 wall arm | L15 | Lateral at 15° | WLO | Lima wall arm with Hydra MPB luminaire |
| BM13 | BM13 wall arm | | | WL1 | Lima wall arm with Hydra MHF luminaire |
| STL_ | Stick wall arm | Diameter | | Tailor made | |
| LIM_ | Lima wall arm | _1G | Ø1 inch | PCF_ | Basic product |
| ARE_ | Areca wall arm | _D33 | Ø33 | TAM_ | Configured product or pam |
| LIBP | Arm to Libra Post-Top pole | _D42 | Ø42 | | |
| LIB_ | Libra wall arm | _D48 | Ø48 | | |
| ESB_ | Slender wall arm | _D60 | Ø60 | | |
| ANC_ | Anchor wall arm | _D76 | Ø76 | | |
| ESC_ | Ladder wall arm | 3/4G | Ø3/4 inch | | |
| LNK_ | Link wall arm | 3D58 | Ø58 with 3 M6 hex-head screws (for Navi) | | |

GENERAL CONDITIONS OF SALE AND SUPPLY

GENERAL

Acceptance of an order by SIMON LIGHTING, S.A. means, in any case, that the purchaser accepts the following general conditions of sale and supply.

LEAD TIMES

The lead times given by SIMON LIGHTING, S.A. are purely informative in nature. These will be confirmed when processing the order by means of the ORDER CONFIRMATION document and will always be for information purposes, hence the delays that may occur will not involve cancellation of the order or the attribution of penalties or compensation.

ORDER CONFIRMATION

If, within 48 hours of receipt of our "Confirmation of order receipt" document, no disagreement with it is notified, the order will be considered to be accepted in all its terms. Any disagreement will be made based on our "Confirmation of order receipt".

ORDER CANCELLATION

Basic Programme (PB) products are those the code and RSP of which are to be found in the current catalogue price list. Orders for these products can be cancelled with no surcharge. The rest of SIMON LIGHTING, S.A.'s products are part of its **Customized Programme (PP)** and are manufactured to order. In case of cancellation of orders for products from the Customized Programme, once 48 hours have passed from confirmation of the order, a charge of 50% of the net value of the items cancelled in the order will be applied.

RETURNS

No returns will be accepted unless previously authorised by SIMON LIGHTING, S.A., by means of the forms for such cases.

The return of **Customized Programme (PP)** products will not be accepted as these are manufactured to order.

Only requests for product returns from the **Basic Programme (PB)** will be accepted, provided that not more than 18 months have passed since the delivery of the products, they are in perfect condition and come with their original packing, label and seal. Payment will only be made for returns once the equipment has arrived in SIMON LIGHTING, S.A.'s warehouse and it has been confirmed that the above conditions are met. These returns will need to be sent carriage paid by the purchaser, with a minimum depreciation of 25% on their current purchase value allowing for costs of administration, checking, tuning and handling of the equipment.

If the return was caused by an error by SIMON LIGHTING, S.A., the quality incident criteria will be applied.

CLAIMS

After 8 days after delivery of the merchandise, SIMON LIGHTING, S.A. will not accept any kind of claim.

TRANSPORT AND SUPPLY

All shipping will be at the purchaser's cost and risk, except in case of prior agreement of "carriage paid" shipping. Delivery will be made to the address indicated in the order. Costs resulting from a request to deliver to a new address for partial shipments will be at the client's expense.

For orders for luminaires, their accessories and arms, carriage paid will apply if the minimum net amount per order and delivery point is over €900.

For orders for curved poles and poles, freight C.O.D will always apply unless the policy on transport, unloading of equipment and freight stated in SIMON LIGHTING, S.A.'s commercial offer document indicates otherwise.

The purchaser is obliged to check the merchandise on delivery and to endorse the carrier's delivery note with its company seal and the date of receipt. If the company has no seal, the person receiving shall write his or her name and tax identification number (NIF), as well as the date.

If the product shows damage, breakage, faults or has been stolen or mislaid, the party receiving the merchandise shall claim from the Transport Agency or directly from the Sales Management Department (in writing) in the maximum period of 24 hours following receipt of the merchandise. After this time, SIMON LIGHTING, S.A. will be exempt from all liability.

In case of shipment by means of an agency selected by the client, SIMON LIGHTING, S.A. will be exempt from all liability.

Unless previously agreed to the contrary, SIMON LIGHTING, S.A. reserves the right to make partial shipments and, consequently, partial invoicing of the total.

PACKAGING

All shipments include in the price the packing each product has by default.

Any special or additional packing will be at the client's expense.

Returns of packing are not accepted.

SAMPLES

Samples are at the client's expense.

PAYMENTS

Our general charging conditions are made by means of an accepted instrument placed at 30 days from the invoice date.

All costs originating as a result of the return of instruments will be at the purchaser's expense, as will the costs of renewal or deferment.

SIMON LIGHTING, S.A. reserves the right to set a limit or maximum amount of credit to be granted to any client, as well as to suspend supplies if the client is in arrears on payments.

JURISDICTION

For all disagreements deriving from this transaction, the purchaser and vendor expressly submit themselves to the competence of the judges and courts of Barcelona.

PRICES

The prices appearing in this price list annul all previous prices as from its effective date and SIMON LIGHTING, S.A. reserves the right to modify them without prior notice. If possible, this variation will be communicated as early as possible. Prices for special products or products not included in this document shall be consulted and their evaluation at the time of the request will not necessarily relate to quotations or payments made for these products previously.

The prices indicated are recommended prices and the V.A.T. or any other tax to which free trade and traffic of products between the purchaser and vendor may be subject are at the purchaser's cost.

The taxes imposed on the invoices generated will in all cases be at the client's cost.

ELECTRONET

The prices are loaded in the Electronet database, with this being the valid reference source. The price list document is purely for information.

www.plataformaelectronet.es

ENTRY INTO FORCE

1 May 2016.

IMPORTANT

SIMON LIGHTING, S.A. reserves the right to make any modification it considers necessary to this price list.

FAMILIES OF PRODUCTS

BLUE

Project products

VIOLET

Standard support products

ORANGE

Shelf products

SIMON LIGHTING PRODUCT QUALITY POLICY AND WARRANTIES

SIMON LIGHTING, S.A., a company certified to ISO 9001, endorses the quality of its products by means of the control and monitoring of its standards in its production procedures and quality control.

All the products in this price list comply with the Domestic Regulations and European Directives which apply in each case.



WARRANTY PERIOD

SIMON LIGHTING, S.A. warranties, for a period of 2 years from the invoice date, that its products are free from any defect in materials or manufacturing which prevent their normal operation under proper conditions of use, installation and maintenance.

In the case of luminaires, the warranty period covers use in accordance with the switching cycles laid down by the IEC standard.

WARRANTY EXTENSION

SIMON LIGHTING, S.A. may issue, on request, the following extended warranty certificates:

- Corrosion of Galvanised Products: 10 years
- Corrosion in Aluminium Parts: 10 years
- Paint Adherence to Aluminium Parts: 3 years
- Luminaires with LED technology for public lighting, total flux will not undergo a drop of over 30% in the first 5 years.

To obtain this warranty extension, notify SIMON LIGHTING, S.A. of the:

- Installation place and address.
- Data of the company requesting the extended warranty (name, address, telephone/fax, trade name and company tax code (CIF)) and of the contact person (name and surname(s), post in the company, ID card, telephone and e-mail address).
- A copy of the order for all the equipment for which it is wished to obtain the extended warranty.

WARRANTY SCOPE

The warranty includes solely the materials deriving from the replacement, change of product and/or components, as well as the resulting transport costs, for those products which show damage or malfunction during normal use, in accordance with the instructions detailed in the technical installation and maintenance manuals, that there are no modifications to the lighting project associated with the work, the usage limits in the technical data sheets have not been exceeded and the purpose for which the equipment was designed has not been changed.

Expressly excluded from the scope of this warranty are works to install or uninstall products, normal wear and tear, equipment maintenance, replacement of batteries and consumables and, in general, any other service not included and detailed in the above paragraph.

In the case of poles and brackets, SIMON LIGHTING, S.A. reserves the right to repair the product in Simon Lighting's facilities, in the client's facilities or in their final location, based on SIMON LIGHTING, S.A.'s technical/economic criteria.

Parts and components from other manufacturers incorporated in SIMON LIGHTING, S.A.'s products, such as ballasts, power supplies, compensation capacitors, controllers and other electronic gear, for example, are subject to the scope of the original manufacturer's warranty.

PROTOCOL FOR ACTION

It is the client's responsibility to inspect the condition of the goods and check good operation of equipment before installation.

The client must contact its Commercial Office or our Customer Service Centre (Tel. +34 902 44 77 74), indicating the details of the incident and providing the details of the purchase invoice for the products subject to claim.

WARRANTY VOIDANCE

The warranty will be invalidated in case of: misuse, inappropriate use of the product, undue handling of its by unauthorised persons, due to damage to the product due to external agents such as lime or other harmful, chemical, obstructive or corrosive products, due to inadequate maintenance, lack of cleaning or the use of non-original-brand spare parts. Similarly not covered by the warranty will be breakdowns or malfunction produced by incorrect voltages, frequencies and electrical installations, acts of vandalism or damage or incidents caused by force majeure (e.g. wars, earthquakes, fires, floods, etc.).

LIMITATION OF LIABILITY

The replacement of defective parts by SIMON LIGHTING, S.A. will not give the Client any right to compensation for damages.

In no case will SIMON LIGHTING, S.A. accept liability for any damage occurring as a consequence of the installation of damaged goods.

WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT DIRECTIVE WEEE

The European Community enacted WEEE directive 2002/96/EC which deals with waste electrical and electronic equipment and has been transposed into Spanish law by Royal Decree 208/2005 of 25 February.

Entry into force, anticipated for 13 August 2005, was postponed until 1 April 2006.

WHAT IS ECOWEEE?

It is a cost intended to cover waste management and will be shown to consumers as a separate item on invoices at the time of sale.

OBJECTIVES OF THE WEEE DIRECTIVE

Prevent the generation of Waste Electrical and Electronic Equipment (WEEE) and the reuse, recycling and other forms of recovery of such wastes so as to reduce the disposal and improve the environmental performance of all operators involved in the life cycle.

PRODUCTS AFFECTED

Products covered by the WEEE Directive are included in Category 5 of Annex I of Royal Decree 208/2005.

LUMINAIRES

- Any luminaire
- Luminaires for fluorescent and other discharge lamps not from private households (professional users)
- Other lighting or equipment materials intended to define or control the light

LAMPS

- Straight fluorescent lamps
- Compact fluorescent lamps
- High pressure discharge lamps
- Low pressure sodium lamps

SCOPE OF APPLICATION

Producers selling CE luminaires in the market are required to include the ECORAEE in their invoices.

Producers are defined as any person or legal entity who, irrespective of the selling technique used:

- Manufactures and sells electrical and electronic equipment under an own brand.
- Places in the Spanish market lighting equipment made by others, under an own brand.
- Is professionally involved in the import or export of electrical and electronic equipment from or to a member state.

COST OF ECOWEEE

LUMINAIRES

The amount of WEEE applied to luminaires is dependent on their weight.

CONVENTIONAL LUMINAIRES:

| | |
|----------------------|--------|
| Cat A: <750 g | 0.25 € |
| Cat B: 750 g to 5 kg | 0.50 € |
| Cat C: >5 kg | 0.70 € |

The weight of the luminaire will include all components except for the lamp.

LED LUMINAIRES:

| | |
|----------------------|--------|
| LED A: <750 g | 0.25 € |
| LED B: 750 g to 5 kg | 0.50 € |
| LED C: >5 kg | 0.70 € |

Components and parts are not affected by the ECOWEEE, since the Directive applies to complete products, in this case the luminaire.

LAMPS

COD-62 High Pressure Discharge Lamps, including High Pressure Sodium Lamps and Metal Halide Lamps, €0.30 per lamp.

ECOLUM

ECOLUM is a not-for-profit foundation created by ANFALUM (the Spanish National Association of Luminaire Manufacturers) and authorised in the country as an Integrated Management System (SIG).

The main purpose of ECOLUM is to protect the environment by establishing complete waste management systems which manufacturers, distributors, importers and other economic agents that put products on the market can join.

SIMON LIGHTING, S.A. is a member of the ECOLUM SIG and is also registered as a producer of Electrical and Electronic Apparatus Wastes within ECOLUM under number 001504.

For further information contact www.ecolum.es and refer to Royal Decree 208/2005 of 25 February.

ECOLUM[®]

ECOWEEE rate symbol



SIMON LIGHTING COLOUR CHART



BKCLAS
Sanded Black



GYDECO
Decorative Grey



OXICOR
Corten Oxide
Old OXCL



DGCLAS
Sanded dark grey



GY7043
Grey 7043



BE1015
Beige 1015



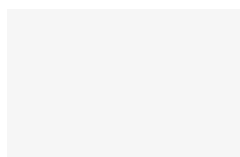
CGCLAS
Sanded light grey



GY7016
Grey 7016



BL5003
Blue 5003



WH9003
White 9003



BK9005
Black 9005



BL5015
Blue 5015



WH9010
White 9010



BKTECH
Technical Black



BL5024
Blue 5024



GY7035
Grey 7035



RD3005
Red 3005



GN6009
Green 6009



GY9006
Grey 9006



RD3011
Red 3011



GN6005
Green 6005



GYTECH
Technical Grey



RD3000
Red 3000



GN6025
Green 6025



GY9007
Grey 9007



BW8017
Brown 8017

Other RAL colours on demand.

The tonal brightness is not guaranteed for this type of chart. This can vary due to the calibration of your monitor or printer. This chart is useful to give a general idea of the RAL chart.

simon

www.simonlighting.com

Barcelona · Belo Horizonte · Buenos Aires · Casablanca · Hanoi
Istanbul · Kiev · Lima · Lisbon · Madrid · Mexico City · Moscow
New Delhi · San Salvador · Sao Paulo · Shanghai · Turin · Warsaw

SIMON LIGHTING, SAU

Diputación, 390-392
08013 Barcelona, Spain
www.simonlighting.com

Customer Technical Service

Tel. +34 902 109 700
E-mail: sat@simon.es

Sales

Tel. 902 44 77 74
Fax +34 902 22 22 47
gventas@simonlighting.es

If you wish to receive a hard copy version of this document, please send your contact information to the email address: catalogatsimonlighting.es, indicating ref. 205552-06/16



PEFC™
PEFC/05-37-113