






Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during the installation.

Optional 2200 K version available. To be specified at time of ordering.

Specifications**Material description**

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colours |  RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white |
| Gasket | Silicone rubber gaskets |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |
| Windage | 0.041 m ² |

Electrical description

| | |
|------------------|---|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |
| Surge protection | 1/2 kV |

Additional information

| | |
|-------------------------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
| Energy efficiency class | C-D (Light source) |

Options

Light distribution



symmetric, medium beam [M]



symmetric, very narrow beam, sharp cut-off [EES]



linear spread, very narrow beam, sharp cut-off [EES]



symmetric, wide beam [B]



symmetric, very narrow beam [EE]



linear spread, very narrow beam [EE]



wallwash

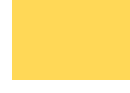
Colour temperature



3000 K



4000 K

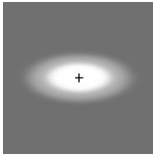
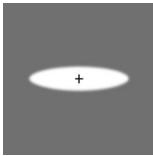
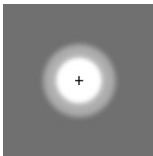

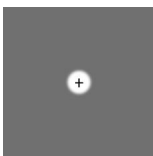
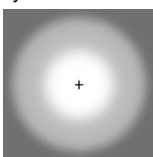



2700 K

Nominal Watt

3 W

Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|-------------------|------------------------------|--------------|-------------------|-----|-------------|
| linear spread, very narrow beam [EE]  | 146-0497+146-0418 | LED-12/24W / 700 mA - 3000 K | 2744.2 | 27 W | 80 | 2.50 |
| | 146-0498+146-0418 | LED-12/24W / 700 mA - 4000 K | 2933.4 | 27 W | 80 | 2.50 |
| | 146-0951+146-0418 | LED-12/24W / 700 mA - 2700 K | 2554.9 | 27 W | 80 | 2.50 |
| linear spread, very narrow beam, sharp cut-off [EES]  | 146-0402+146-0418 | LED-12/24W / 700 mA - 3000 K | 2865.9 | 27 W | 80 | 2.50 |
| | 146-0403+146-0418 | LED-12/24W / 700 mA - 4000 K | 3063.5 | 27 W | 80 | 2.50 |
| | 146-0971+146-0418 | LED-12/24W / 700 mA - 2700 K | 2668.2 | 27 W | 80 | 2.50 |
| symmetric, medium beam [M]  | 146-0399 | LED-12/24W / 700 mA - 3000 K | 2998.6 | 27 W | 80 | 2.50 |
| | 146-0400 | LED-12/24W / 700 mA - 4000 K | 3205.4 | 27 W | 80 | 2.50 |
| | 146-0922 | LED-12/24W / 700 mA - 2700 K | 2791.8 | 27 W | 80 | 2.50 |
| symmetric, very narrow beam [EE]  | 146-0497 | LED-12/24W / 700 mA - 3000 K | 2883.7 | 27 W | 80 | 2.50 |
| | 146-0498 | LED-12/24W / 700 mA - 4000 K | 3082.5 | 27 W | 80 | 2.50 |
| | 146-0951 | LED-12/24W / 700 mA - 2700 K | 2684.8 | 27 W | 80 | 2.50 |
| symmetric, very narrow beam, sharp cut-off [EES]  | 146-0402 | LED-12/24W / 700 mA - 3000 K | 3077.9 | 27 W | 80 | 2.50 |
| | 146-0403 | LED-12/24W / 700 mA - 4000 K | 3290.2 | 27 W | 80 | 2.50 |
| | 146-0971 | LED-12/24W / 700 mA - 2700 K | 2865.6 | 27 W | 80 | 2.50 |
| symmetric, wide beam [B]  | 146-0494 | LED-12/24W / 700 mA - 3000 K | 2709.2 | 27 W | 80 | 2.50 |
| | 146-0495 | LED-12/24W / 700 mA - 4000 K | 2896 | 27 W | 80 | 2.50 |
| | 146-0796 | LED-12/24W / 700 mA - 2700 K | 2522.3 | 27 W | 80 | 2.50 |
| wallwash  | 146-0399+146-0645 | LED-12/24W / 700 mA - 3000 K | 2405.6 | 27 W | 80 | 2.50 |
| | 146-0400+146-0645 | LED-12/24W / 700 mA - 4000 K | 2571.5 | 27 W | 80 | 2.50 |
| | 146-0922+146-0645 | LED-12/24W / 700 mA - 2700 K | 2239.7 | 27 W | 80 | 2.50 |

Optical Accessories

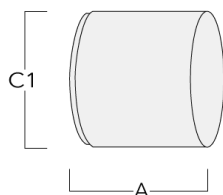
Glare shield

| Description | Part ID | A | C1 |
|-----------------|----------|-----|-----|
| Glare shield ES | 146-0156 | 110 | 100 |



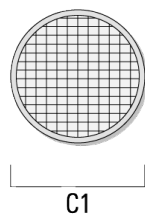
Snoot

| Description | Part ID | A | C1 |
|-------------|----------|------|-----|
| Snoot ET | 146-0397 | 95,5 | 126 |

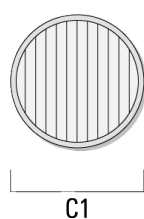


Flood lens

| Description | Part ID | C1 |
|-------------|----------|-----|
| IO-360 | 146-0623 | 110 |

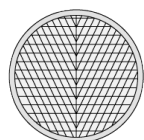
**Linear spread lens**

| Description | Part ID | C1 |
|-------------------|----------|--------|
| IO-180-FLC131-LED | 146-0418 | 110.00 |



Wallwash lens

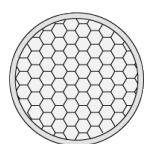
| Description | Part ID | C1 |
|---------------------|----------|-----|
| IO-20-WW-FLC131-LED | 146-0645 | 110 |



C1

Honeycomb louvre

| Description | Part ID | C1 |
|---------------------------|----------|-----|
| IW-FLC131-LED - [EE][EES] | 146-0625 | 110 |

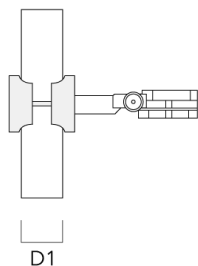


C1

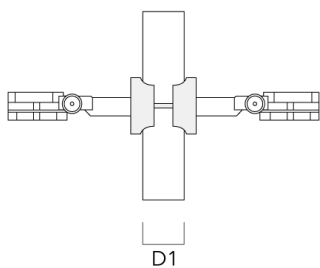
Mounting Accessories

Pipe clamp SP

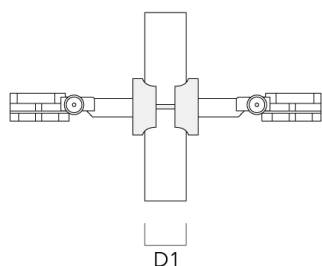
| Description | Part ID | D1 | Weight (kg) | D |
|---------------------------------------|----------|-------|-------------|-------|
| SP1-2/M8 Pole clamp, single (Ø 76-89) | 146-0246 | 76-89 | 1.20 | 76-89 |



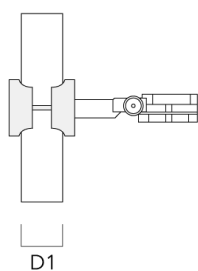
| | | | | |
|---------------------------------------|----------|-------|---|-------|
| SP2-2/M8 Pole clamp, double (Ø 38-60) | 146-0247 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|



| Description | Part ID | D1 | Weight (kg) | D |
|---------------------------------------|----------|-------|-------------|-------|
| SP2-2/M8 Pole clamp, double (Ø 76-89) | 146-0248 | 76-89 | 1.20 | 76-89 |

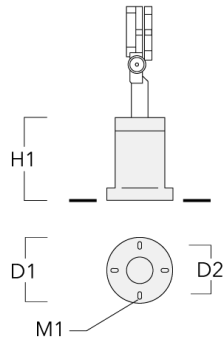


| | | | | |
|---------------------------------------|----------|-------|---|-------|
| SP1-2/M8 Pole clamp, single (Ø 38-60) | 146-0245 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|



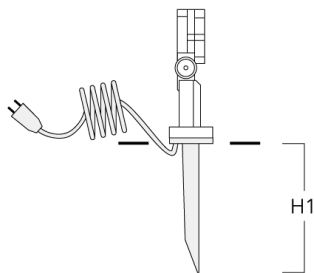
Short post EM

| Description | Part ID | D1 | D2 | H1 | M1 | Weight (kg) |
|-------------|----------|-----|-----|-----|----|-------------|
| EM1-2/M8 | 146-0253 | 160 | 130 | 200 | 9 | 1.10 |



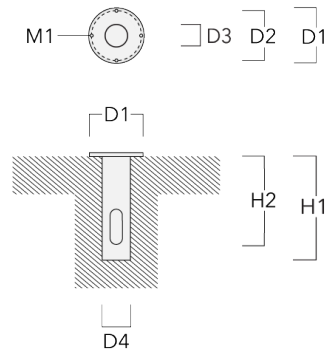
Ground spike EF

| Description | Part ID | H1 | Weight (kg) |
|-----------------------|----------|-----|-------------|
| Ground spike EF1-2/M8 | 146-0251 | 270 | 0.40 |



Planted root

| Description | Part ID | D1 | D2 | D3 | D4 | H1 | H2 | M1 | Weight(kg) |
|-------------------|----------|-----|-----|-----|-----|-----|-----|----|------------|
| Planted root ESV4 | 300-0461 | 145 | 130 | 102 | 108 | 400 | 350 | 8 | 7.85 |



Junction box JB1

| Description | Part ID | D1 | D2 | M1 | Weight(kg) |
|------------------|----------|-----|----|----|------------|
| JB1 Junction box | 310-9000 | 135 | 67 | 9 | 1.6 |

