

**Description**

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens, hinged. Protractor scale for accurate aiming from 0° to 15° above horizontal. Integral EC electronic converter in thermally separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board.

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, hinged  |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Colours              | <table><tr><td><b>RAL9004</b></td><td><b>RAL9006</b></td><td><b>RAL9016</b></td><td><b>RAL7016</b></td></tr><tr><td>Signal black</td><td>White aluminium</td><td>Traffic white</td><td>Anthracite grey</td></tr><tr><td><b>RAL9007</b></td><td></td><td></td><td></td></tr><tr><td>Grey aluminium</td><td></td><td></td><td></td></tr></table> | <b>RAL9004</b> | <b>RAL9006</b>  | <b>RAL9016</b> | <b>RAL7016</b> | Signal black | White aluminium | Traffic white | Anthracite grey | <b>RAL9007</b> |  |  |  | Grey aluminium |  |  |  |
| <b>RAL9004</b>       | <b>RAL9006</b>   | <b>RAL9016</b> | <b>RAL7016</b>  |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Signal black         | White aluminium  | Traffic white  | Anthracite grey |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| <b>RAL9007</b>       |  |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Grey aluminium       |  |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Gasket               | Silicone rubber gasket   |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Ingress protection   | IP66   |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Impact resistance    | IK08   |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |
| Corrosion resistance | 5CE  |                |                 |                |                |              |                 |               |                 |                |  |  |  |                |  |  |  |

### Electrical description


|                   |  |
|-------------------|--|
| Power supply      | 220-240V / 50-60 Hz                    |
| Driver / Ballast  | Integral EC electronic converter. DALI |
| Surge protection  | 6/6 kV (optional SP10)                 |
| Energy efficiency | C-D (Light source)                     |

### Additional information


|          |                        |
|----------|------------------------|
| Windage  | 0.09 m <sup>2</sup>    |
| Lifetime | Ta=25° L90B10 > 90000h |

## Options

### Light distribution

 [S65] asymmetric, side throw

 [R65] rectangular, side throw

 [A60] asymmetric, forward throw

### Colour temperature

 3000K

 4000K

### Nominal Watt



36 W


48 W

54 W

72 W

## Configurations

| Light distribution  | Part ID     | Light source     | Rated lumens | Rated input power | CRI |
|---|-------------|------------------|--------------|-------------------|-----|
|  <p>[A60] asymmetric, forward throw</p> | 147-0713    | LED-18/36W/3000K | 3899.6 lm    | 36 W              | 80  |
|   | 147-0713-70 | LED-18/36W/3000K | 4437.5 lm    | 36 W              | 70  |
|   | 147-0714    | LED-18/36W/4000K | 4168.6 lm    | 36 W              | 80  |
|   | 147-0714-70 | LED-18/36W/4000K | 4706.4 lm    | 36 W              | 70  |
|   | 147-0701    | LED-18/54W/3000K | 5782.2 lm    | 54 W              | 80  |
|   | 147-0701-70 | LED-18/54W/3000K | 6589 lm      | 54 W              | 70  |
|   | 147-0702    | LED-18/54W/4000K | 6051.1 lm    | 54 W              | 80  |
|   | 147-0702-70 | LED-18/54W/4000K | 6857.9 lm    | 54 W              | 70  |
|   | 147-0725    | LED-24/48W/3000K | 5199.5 lm    | 48 W              | 80  |
|   | 147-0725-70 | LED-24/48W/3000K | 5916.7 lm    | 48 W              | 70  |
|   | 147-0726    | LED-24/48W/4000K | 5558.1 lm    | 48 W              | 80  |
|   | 147-0726-70 | LED-24/48W/4000K | 6275.2 lm    | 48 W              | 70  |
|   | 147-0683    | LED-24/72W/3000K | 7709.6 lm    | 72 W              | 80  |
|   | 147-0683-70 | LED-24/72W/3000K | 8785.3 lm    | 72 W              | 70  |
|   | 147-0684    | LED-24/72W/4000K | 8068.2 lm    | 72 W              | 80  |
|   | 147-0684-70 | LED-24/72W/4000K | 9143.9 lm    | 72 W              | 70  |
|  <p>[R65] rectangular, side throw</p> | 147-0711    | LED-18/36W/3000K | 3810.8 lm    | 36 W              | 80  |
|   | 147-0711-70 | LED-18/36W/3000K | 4336.5 lm    | 36 W              | 70  |
|   | 147-0712    | LED-18/36W/4000K | 4073.6 lm    | 36 W              | 80  |
|   | 147-0712-70 | LED-18/36W/4000K | 4599.3 lm    | 36 W              | 70  |
|   | 147-0699    | LED-18/54W/3000K | 5650.5 lm    | 54 W              | 80  |
|   | 147-0699-70 | LED-18/54W/3000K | 6439 lm      | 54 W              | 70  |
|   | 147-0700    | LED-18/54W/4000K | 5913.3 lm    | 54 W              | 80  |
|   | 147-0700-70 | LED-18/54W/4000K | 6701.8 lm    | 54 W              | 70  |
|   | 147-0723    | LED-24/48W/3000K | 5081.1 lm    | 48 W              | 80  |
|   | 147-0723-70 | LED-24/48W/3000K | 5781.9 lm    | 48 W              | 70  |
|   | 147-0724    | LED-24/48W/4000K | 5431.5 lm    | 48 W              | 80  |
|   | 147-0724-70 | LED-24/48W/4000K | 6132.4 lm    | 48 W              | 70  |
|   | 147-0681    | LED-24/72W/3000K | 7534 lm      | 72 W              | 80  |
|   | 147-0681-70 | LED-24/72W/3000K | 8585.3 lm    | 72 W              | 70  |
|   | 147-0682    | LED-24/72W/4000K | 7884.5 lm    | 72 W              | 80  |
|   | 147-0682-70 | LED-24/72W/4000K | 8935.7 lm    | 72 W              | 70  |
|   | 147-0709    | LED-18/36W/3000K | 4182.9 lm    | 36 W              | 80  |
|   | 147-0709-70 | LED-18/36W/3000K | 4759.8 lm    | 36 W              | 70  |

| Light distribution   | Part ID     | Light source     | Rated lumens | Rated input power | CRI |
|--|-------------|------------------|--------------|-------------------|-----|
| <br>[S65] asymmetric, side throw | 147-0710    | LED-18/36W/4000K | 4471.4 lm    | 36 W              | 80  |
|  | 147-0710-70 | LED-18/36W/4000K | 5048.3 lm    | 36 W              | 70  |
|  | 147-0697    | LED-18/54W/3000K | 6202.2 lm    | 54 W              | 80  |
|  | 147-0697-70 | LED-18/54W/3000K | 7067.6 lm    | 54 W              | 70  |
|  | 147-0698    | LED-18/54W/4000K | 6490.7 lm    | 54 W              | 80  |
|  | 147-0698-70 | LED-18/54W/4000K | 7356.1 lm    | 54 W              | 70  |
|  | 147-0721    | LED-24/48W/3000K | 5577.2 lm    | 48 W              | 80  |
|  | 147-0721-70 | LED-24/48W/3000K | 6346.4 lm    | 48 W              | 70  |
|  | 147-0722    | LED-24/48W/4000K | 5961.8 lm    | 48 W              | 80  |
|  | 147-0722-70 | LED-24/48W/4000K | 6731.1 lm    | 48 W              | 70  |
|  | 147-0679    | LED-24/72W/3000K | 8269.6 lm    | 72 W              | 80  |
|  | 147-0679-70 | LED-24/72W/3000K | 9423.5 lm    | 72 W              | 70  |
|  | 147-0680    | LED-24/72W/4000K | 8654.2 lm    | 72 W              | 80  |
|  | 147-0680-70 | LED-24/72W/4000K | 9808.1 lm    | 72 W              | 70  |