

### Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® gasket. Safety glass lens. Two cable entries. 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.

Suitable for mounting up to max. 40 mm ceiling thickness. A pre-installation blackout, proud or flush, is available and recommended for mounting in concrete ceilings. To be ordered separately.

The luminaire is not suitable for chlorine containing environments e.g. swimming pool. Special version suitable for chlorine containing environments, on request. Must be specified at time of ordering.

## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Safety glass lens  |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |

### Electrical description

|                  |   |
|------------------|---|
| Power supply     | 220-240V / 50-60 Hz   |
| Driver / Ballast | Standard. Optional DALI version available. To be specified at time of ordering. |
| Surge protection | 1/2 kV  |








### Additional information

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

**DOC110 LED**  
**Ceiling luminaires**



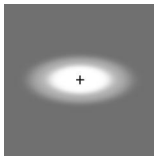
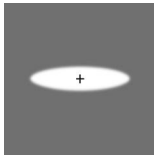
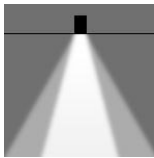
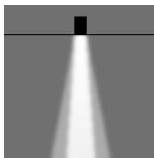
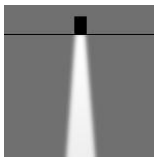
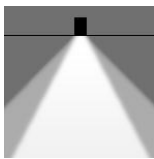

**Options**  
**Light distribution**

-  symmetric, wide beam [B]
-  symmetric, medium beam [M]
-  symmetric, very narrow beam [EE]
-  symmetric, very narrow beam, sharp cut-off [EES]
-  wallwash [A20]
-  linear spread, very narrow beam [EE]
-  linear spread, very narrow beam, sharp cut-off [EES]

**Colour temperature**      **Nominal Watt**

|   |        |       |
|---|--------|-------|
|  | 3000 K | 15 W  |
|   |        | 155 W |
|  | 4000 K |       |
|  | 2700 K |       |

## Configurations

| Light distribution   | Part ID           | Light source                | Rated lumens | Rated input power | CRI | Weight (kg) |
|--|-------------------|-----------------------------|--------------|-------------------|-----|-------------|
| linear spread, very narrow beam [EE]<br>                 | 134-1631+134-1637 | LED-6/12W / 700 mA - 3000 K | 1386.3       | 14.5 W            | 80  | 1.30        |
|  | 134-1632+134-1637 | LED-6/12W / 700 mA - 4000 K | 1481.9       | 14.5 W            | 80  | 1.30        |
| linear spread, very narrow beam, sharp cut-off [EES]<br> | 134-1633+134-1637 | LED-6/12W / 700 mA - 3000 K | 1526.2       | 14.5 W            | 80  | 1.30        |
|  | 134-1634+134-1637 | LED-6/12W / 700 mA - 4000 K | 1631.5       | 14.5 W            | 80  | 1.30        |
| symmetric, medium beam [M]<br>                          | 134-1627          | LED-6/12W / 700 mA - 3000 K | 1511.8       | 14.5 W            | 80  | 1.30        |
|  | 134-1628          | LED-6/12W / 700 mA - 4000 K | 1616.1       | 14.5 W            | 80  | 1.30        |
|  | 134-1908          | LED-6/12W / 700 mA - 2700 K | 1407.5       | 14.5 W            | 80  | 1.30        |
| symmetric, very narrow beam [EE]<br>                   | 134-1631          | LED-6/12W / 700 mA - 3000 K | 1496.5       | 14.5 W            | 80  | 1.30        |
|  | 134-1632          | LED-6/12W / 700 mA - 4000 K | 1599.7       | 14.5 W            | 80  | 1.30        |
|  | 134-1909          | LED-6/12W / 700 mA - 2700 K | 1393.3       | 14.5 W            | 80  | 1.30        |
| symmetric, very narrow beam, sharp cut-off [EES]<br>   | 134-1633          | LED-6/12W / 700 mA - 3000 K | 1610.7       | 14.5 W            | 80  | 1.30        |
|  | 134-1634          | LED-6/12W / 700 mA - 4000 K | 1721.8       | 14.5 W            | 80  | 1.30        |
|  | 134-1910          | LED-6/12W / 700 mA - 2700 K | 1499.6       | 14.5 W            | 80  | 1.30        |
| symmetric, wide beam [B]<br>                           | 134-1625          | LED-6/12W / 700 mA - 3000 K | 1347.1       | 14.5 W            | 80  | 1.30        |
|  | 134-1626          | LED-6/12W / 700 mA - 4000 K | 1440         | 14.5 W            | 80  | 1.30        |
|  | 134-1907          | LED-6/12W / 700 mA - 2700 K | 1254.2       | 14.5 W            | 80  | 1.30        |
| wallwash [A20]<br>                                     | 134-1627+134-1683 | LED-6/12W / 700 mA - 3000 K | 1142.4       | 14.5 W            | 80  | 1.30        |
|  | 134-1628+134-1683 | LED-6/12W / 700 mA - 4000 K | 1221.2       | 14.5 W            | 80  | 1.30        |
|  | 134-1908+134-1683 | LED-6/12W / 700 mA - 2700 K | 1063.6       | 14.5 W            | 80  | 1.30        |

**DOC110 LED**  
**Ceiling luminaires**



**Control**

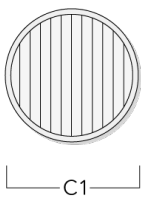
**DALI interface**

| Description    | Part ID  | C  |
|----------------|----------|----|
| DALI interface | 430-0013 | 90 |

Optical Accessories

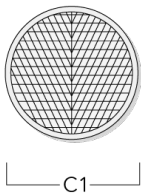
Linear spread lens

| Description       | Part ID  | C1 |
|-------------------|----------|----|
| IO-180-DOC110-LED | 134-1637 | 98 |



Wallwash lens

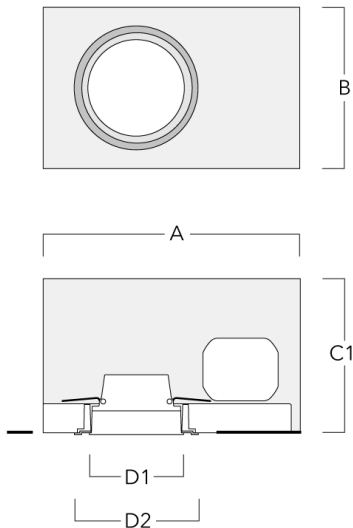
| Description      | Part ID  | C1 |
|------------------|----------|----|
| IO-20-DOC110-LED | 134-1683 | 98 |



Mounting Accessories

Installation blackout, flush with shadow line

| Description                     | Part ID  | A   | B   | C1  | D1  | D2  |
|---------------------------------|----------|-----|-----|-----|-----|-----|
| Installation blackout BDO11-III | 134-1641 | 333 | 232 | 172 | 117 | 148 |



Installation blackout, proud

| Description                   | Part ID  | A   | B   | C1  | D1  |
|-------------------------------|----------|-----|-----|-----|-----|
| Installation blackout BDO11-I | 134-1639 | 333 | 232 | 172 | 117 |

