



### Description

IP68 (up to 10m), 12V/Class III. IK09. Stainless steel construction including PCS hardware. Silicone rubber gasket. Safety glass lens. Luminaire can be driven over at low speed. Factory-sealed termination chamber complete with cable gland and 1.5 m of flexible PVC free cable. IP68 in-line connector facilitates easy removal for off-site lamp replacement.

Factory installed circuit board in either white, red, green, blue or RGB. LED boards can be easily removed for upgrading.

Luminaire requires installation blockout. To be ordered separately.

Use in freshwater is allowed. The use in contaminated water, salt water/sea water or swimming pools is not permitted.

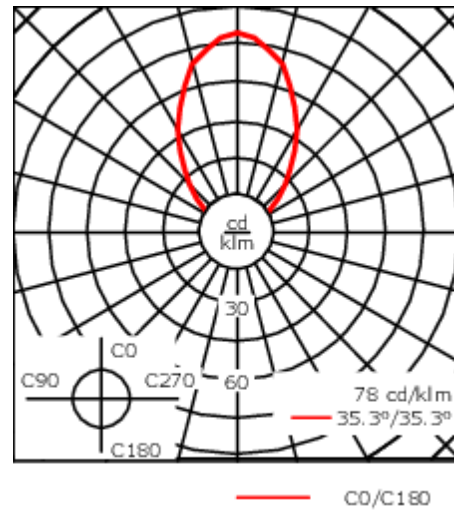
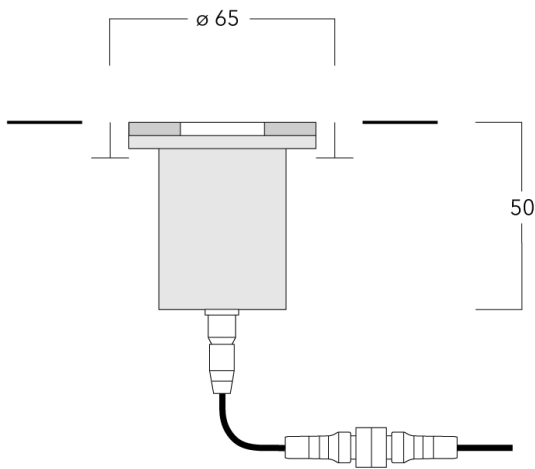
|                    |                                  |
|--------------------|----------------------------------|
| Weight             | 0.50 kg                          |
| Light distribution | symmetric, diffused distribution |
| Light source       | LED-4/0,5W - green               |
| CRI                | 22                               |
| LEDs               | 4                                |
| Rated input power  | 0.8 W                            |

### Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 4    |
| Total Lumen | 15.9 |
| Tj          | 25   |


### Rated lumens (lm)

|             |     |
|-------------|-----|
| LED Lumen   | 0.5 |
| Total Lumen | 2   |
| Ta          | 25  |



## Specifications

### Material description

|                    |   |
|--------------------|---|
| Body               | Stainless steel construction  |
| Lens               | Safety glass lens; max. load 5 tonnes   |
| Colours            |  Stainless Steel |
| Gasket             | Silicone rubber gasket  |
| Fasteners          | PCS polymer coated stainless steel  |
| Ingress protection | IP68 up to 10 m   |
| Impact resistance  | IK09  |

### Electrical description

|                  |   |
|------------------|---|
| Driver / Ballast | EC electronic converter required. To be ordered separately. |
| Surge protection | 1/2 kV (optional SP10)                                      |

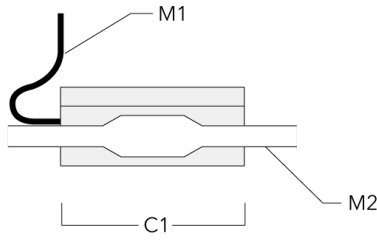
### Additional information

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

**Electrical Accessories**

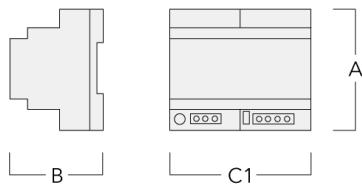
**Sealable junction box**

| Description                  | Part ID  | C1  | M1   | M2        |
|------------------------------|----------|-----|------|-----------|
| Sealable junction box SJB130 | 185-1624 | 146 | Ø 10 | Ø 12 - 19 |



**Main converter**

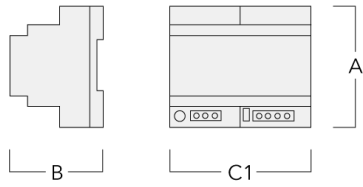
| Description              | Part ID  | A  | B  | C1 |
|--------------------------|----------|----|----|----|
| Transformer DC 12 V/12 W | 400-0302 | 89 | 59 | 54 |



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| Description              | Part ID  | A  | B  | C1 |
|--------------------------|----------|----|----|----|
| Transformer DC 12 V/48 W | 400-0309 | 89 | 59 | 72 |

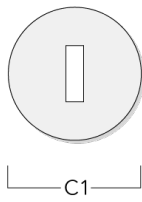
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**Mounting Accessories**

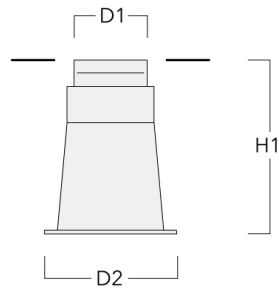
**Installation cover**

| Description           | Part ID  | C1 |
|-----------------------|----------|----|
| Installation cover BE | 185-1850 | 65 |



**Installation blackout**

| Description       | Part ID  | D1 | D2 | H1  | Weight (kg) | D     | H   |
|-------------------|----------|----|----|-----|-------------|-------|-----|
| Blockout, Plastic | 185-1855 | 65 | 95 | 120 | 0.30        | 65/95 | 120 |



**185-1559**

**ETC109 LED**

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Subject to technical changes and errors.

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