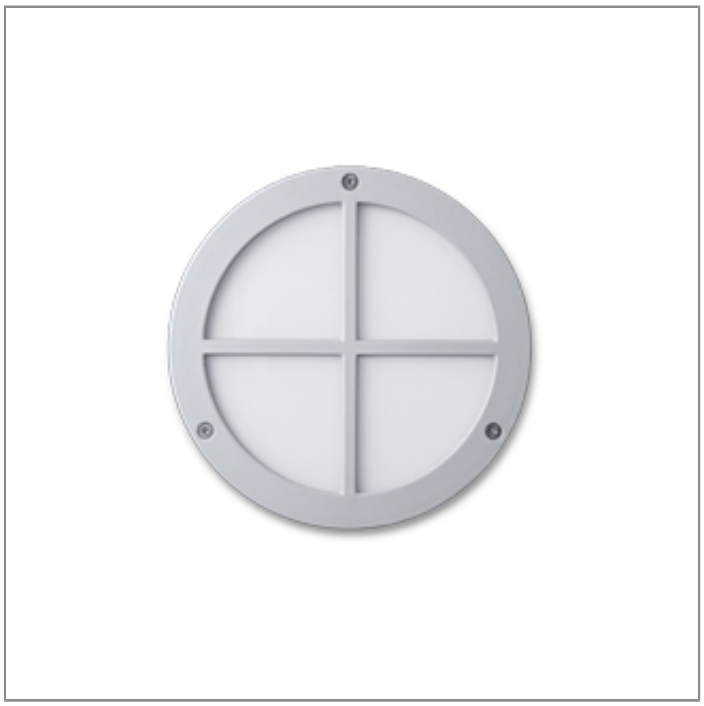
# LUNA

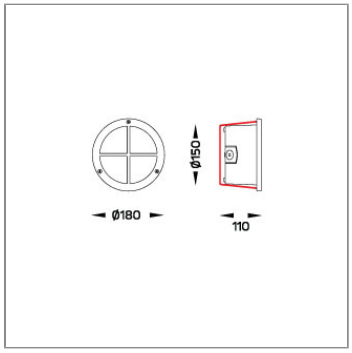
## LUNA CROSS

### STEPLIGHTS & WALL RECESSED LIGHTS

LAST UPDATE: 07-05-2024



LUNA is a range of round-shaped wall recessed luminaires with LED and compact fluorescent light sources. A good glare control allows it to be installed in most places where a comfortable illumination is needed. LUNA is available in four different front cover designs. It has a shallow housing and can be installed in either wall or step that have limited recessing depth. The high quality LED driver is integrated inside the luminaire for ease of installation. LUNA is frequently used to illuminate stairways, pathways and walls where a general or directional light is needed.




## Technical Data

IP65 IK 08 06

| | |
|---|---|
| Ordering Code : | 6009-0-3-869-XX |
| Lamp : | LED |
| CCT : | 3000 K |
| CRI : | CRI >80 |
| SDCM : | SDCM = 3 |
| Lamp Lumen : | 900 lm |
| Luminaire Lumen : | 290 lm |
| Lamp Wattage : | 10 W |
| Luminaire Wattage : | 11 W |
| Efficacy : | 26 lm/W |
| Ambient Temperature : | 50°C |
| Lumen Maintenance | L70B10 >45,000 h |
| Controller : | On-Off (AC LED) |
| Input Voltage : | 220-240Vac 50/60Hz |
| Net Weight : | 1.30 kg. |

### Ordering code guide

B D

XXXX-X-X-XXX-XX

A C E

A Product Code
B Reflector
C Electrical Component
D Lamp
E Color

IK BODY OPTIC Icon definition

*Due to the constancy of product development, we reserve the right to alter all specification without prior notice.

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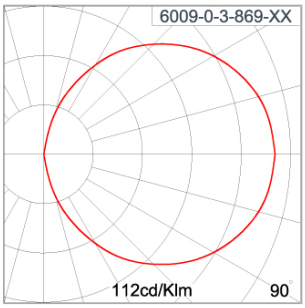
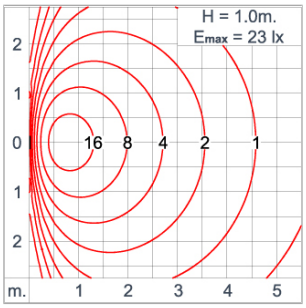
## Specification

| | |
|---|---|
| IEC Standard | IEC 60598-1 General Requirement |
| | IEC 60598-2-2 Recessed Luminaires |
| Protection | IP65 Class I |
| IK Rating | Protection against mechanical impact IK08 on body and IK06 optical part. |
| Luminaires Body Housing | High-pressure die cast aluminum alloy body and components. |
| | Wall recessed housing made of GFR polymer. |
| Coating Process | Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C. |
| Diffuser | Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C. |
| Gasket | Weather resistant silicone gasket. Working temperature -40°C to +200°C. |
| External Screws | External screws are in stainless steel with protection grease. |
| Cable Entry | Cable entry protected by weather proof grommet. To be used with H05RN-F/ H07RN-F cable with 6-13mm. diameter. |
| Led | High quality AC LED module. Conform to safety standard and electromagnetic compatibility standard. |
| Internal Wire | Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C. |
| Terminal Block | Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved. |
| | Class1 luminaire provided with the earth connection. |
| Caution | Installation work has to be carried on according to the enclosed installation manual. |
| Color | Black 01<br>Graphite 02<br>Dark Grey 03<br>Aluminum Silver 04<br>White 06<br>Wooden Brown 07 |

## Light Distribution

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