

# LUNA

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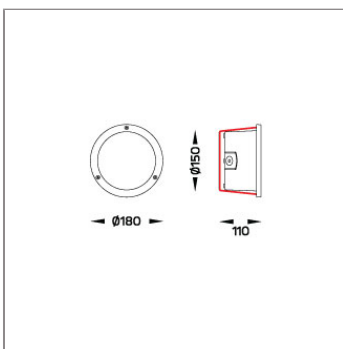
### WALL RECESSED



LAST UPDATE: 18-06-2024



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



Ordering Code :	6008-0-3-921-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 5
Lamp Lumen :	750 lm
Luminaire Lumen :	240 lm
Lamp Wattage :	5.2 W
Luminaire Wattage :	7.2 W
Efficacy :	33 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	1.20 kg.

### Ordering code guide

XXXX-X-X-XXX-XX  
A B C D E

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



Icon definition

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

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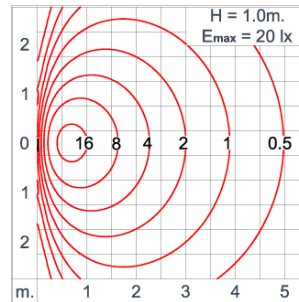
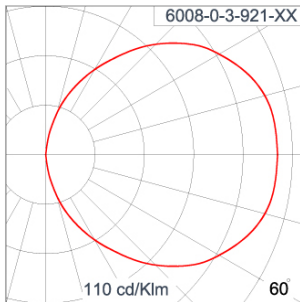


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#### Specification

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. Luminaire 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 HO5RN-F/ HO7RN-F cable with 6-13mm. diameter.												
Led	High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material.												
Driver	High quality constant current LED driver. 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	<table><tr><td></td><td>Black O1</td></tr><tr><td></td><td>Graphite O2</td></tr><tr><td></td><td>Dark Grey O3</td></tr><tr><td></td><td>Aluminum Silver O4</td></tr><tr><td></td><td>White O6</td></tr><tr><td></td><td>Wooden Brown O7</td></tr></table>		Black O1		Graphite O2		Dark Grey O3		Aluminum Silver O4		White O6		Wooden Brown O7
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#### Light Distribution



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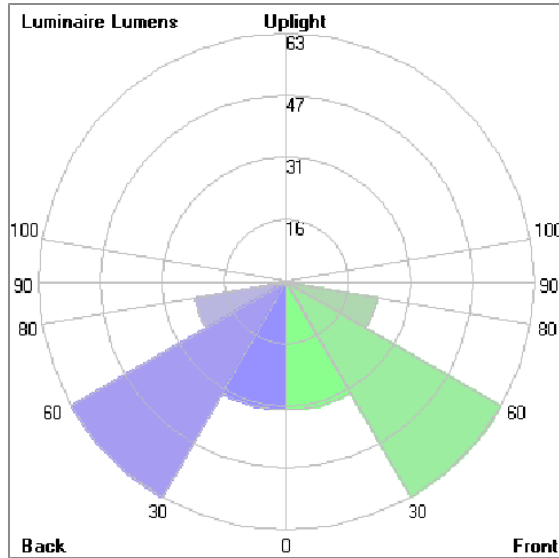
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## Bug Report



### Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	32.3	4.3	13.4
FM	[30-60]	62.5	8.3	26.0
FH	[60-80]	23.3	3.1	9.7
FVH	[80-90]	1.9	0.3	0.8
BL	[0-30]	32.3	4.3	13.4
BM	[30-60]	62.5	8.3	26.0
BH	[60-80]	23.3	3.1	9.7
BVH	[80-90]	1.9	0.3	0.8
UL	[90-100]	0.1	0.0	0.0
UH	[100-180]	0.0	0.0	0.0
Total		240.1	32.0	100.0
BUG Rating		BO-U1-GO		

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