DOT

DOT OPAL ROUND

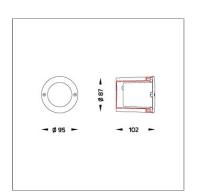
WALL RECESSED LIGHT



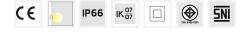
LAST UPDATE: 30-09-2025



DOT family is a range of small recessed wall luminaires with LED light sources. Fitted with world renowned LED manufacturer DOT is highly efficient with low energy consumption. The glare–free cover enables them to be installed where comfortable illumination is required. DOT is available in four different design with interchangeable front covers in both square and round shapes. A very small and shallow housing allows the installation of the fixtures in wall or step that have limited recessing depth. DOT provides directional light for stairways and pathways where comfortable low level of light is preferred.



Technical Data



Ordering Code : 6029-0-3-993-XX

Lamp: LED CCT: Green 102 lm Lamp Lumen: Luminaire Lumen : 51 lm Lamp Wattage: 1 W Luminaire Wattage: 2 W Efficacy: 25 lm/W 30°C Ambient Temperature:

Lumen Maintenance L70B10 >60,000 h

Controller : On-Off

Input Voltage: 220-240Vac 50/60Hz

Net Weight: 0.50 kg.



Icon definition

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Specification

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-2 Recessed Luminaires

Protection IP66 Class II

IK Rating Protection against mechanical impact IKO7 on body and optical part.

Luminaires Body Housing High-pressure die cast aluminum alloy body and components.

Injected PC body component.

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 Self-extinguishing high impact resistant opal polycarbonate diffuser with UV stabilized additive.

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 5-10mm. 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.

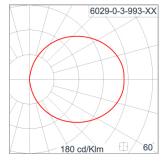
Terminal Block Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.

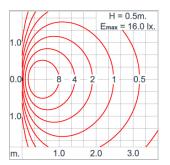
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



Light Distribution





DOT

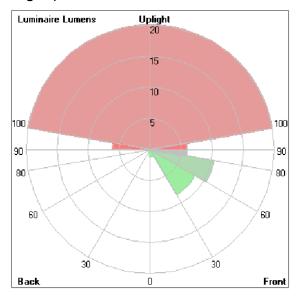
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Bug Report



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	1.2	1.1	2.3
FM	[30-60]	8.2	8.1	16.1
FH	[60-80]	10.2	10.0	20.1
FVH	[80-90]	5.9	5.8	11.5
BL	[0-30]	< 0.05	0.0	0.0
ВМ	[30-60]	< 0.05	0.0	0.0
BH	[60-80]	< 0.05	0.0	0.0
BVH	[80-90]	< 0.05	0.0	0.0
UL	[90-100]	5.9	5.8	11.6
UH	[100-180]	19.6	19.2	38.5
Total		51.0	50.0	100.0
BUG Rating		BO-U2-GO		