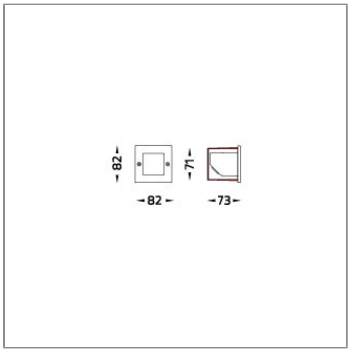
DOT

DOT OPAL SQUARE CC

WALL RECESSED LIGHT

LAST UPDATE: 06-02-2026

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

IP65 IK 07 07

Ordering Code :	6023-0-2-989-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	260 lm
Luminaire Lumen :	70 lm
Lamp Wattage :	2.1 W(700mA)
Luminaire Wattage :	2.1 W
Efficacy :	33 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L80B10 >108,000 h
Controller :	Remote
Input Voltage :	700mA, 2.98Vdc, Uin max 50Vdc
Net Weight :	0.30 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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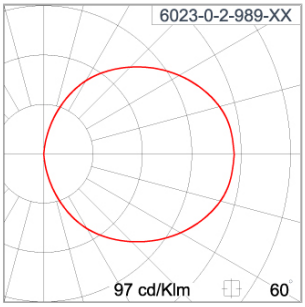
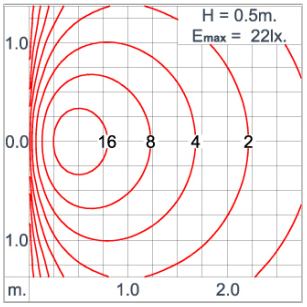
Specification

IEC Standard	IEC 60598-1 General Requirement
	IEC 60598-2-2 Recessed Luminaires
Protection	IP65 Class III
IK Rating	Protection against mechanical impact IK07 on body and optical part.
Luminaires Body Housing	High-pressure die cast aluminum alloy body and components.
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 H05RN-F/ H07RN-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	Driver is not included and has to be ordered separately.
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	Black 01 Graphite 02 Dark Grey 03 Aluminum Silver 04 White 06

Light Distribution





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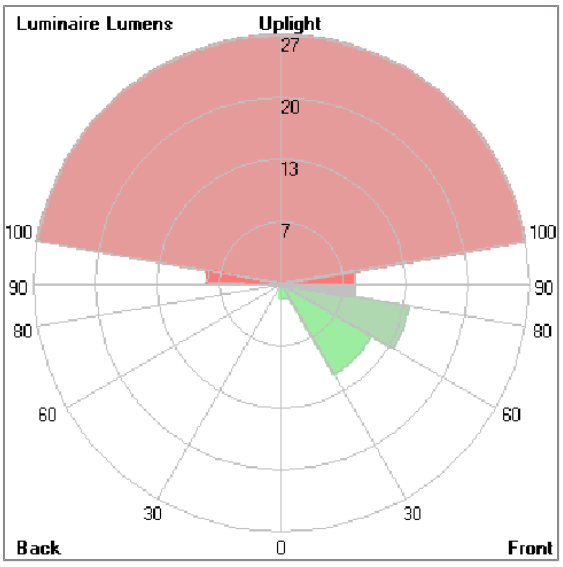
Bug Report



Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	1.6	0.6	2.3
FM	[30-60]	11.3	4.3	16.2
FH	[60-80]	14.0	5.4	20.1
FVH	[80-90]	8.0	3.1	11.5
BL	[0-30]	0.0	0.0	0.0
BM	[30-60]	0.0	0.0	0.0
BH	[60-80]	0.0	0.0	0.0
BVH	[80-90]	0.0	0.0	0.0
UL	[90-100]	8.0	3.1	11.5
UH	[100-180]	26.9	10.4	38.6
Total		69.8	26.9	100.0
BUG Rating		B0-U2-G0		

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Unilamp

Accessories

Ordering Code:
AUN-GOP-0101-01
LED constant current driver, 700mA, 4W, with IP67 GFR polymer enclosure, On-Off

Ordering Code:
AUN-COV-0002-00
LED constant current convertor input 12-24VDC, 700mA, 14W, with IP67 GFR polymer enclosure, DALI

Ordering Code:
AUN-DRG-0012-00
LED constant current driver, 700mA, 20W, with IP67 GFR polymer enclosure, DALI, with IP68 series distribution box for 2-3 luminaires

Ordering Code:
AUN-CON-0007-00
IP68 distribution box, series wiring , for 1-3 luminaires

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