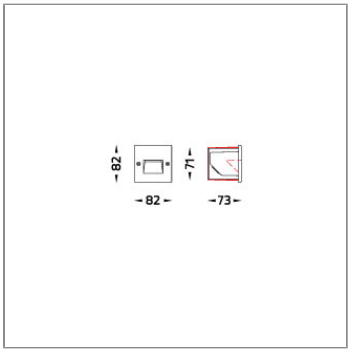
DOT

DOT SQUARE RAMP – CV

WALL RECESSED

LAST UPDATE: 18-06-2024

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 :	6051-0-2-291-XX
Lamp :	QT9
Socket	G4
CCT :	3000 K
Lamp Lumen :	140 lm
Luminaire Lumen :	140 lm
Lamp Wattage :	10 W
Luminaire Wattage :	10 W
Ambient Temperature :	25°C
Controller :	Remote
Input Voltage :	12Vac 50/60Hz
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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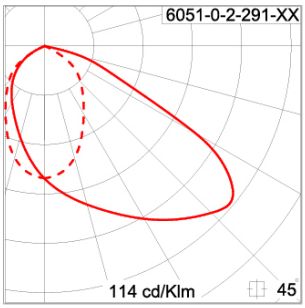
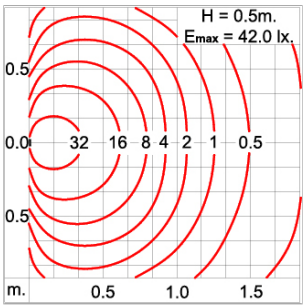
Specification

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	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 5-10mm. diameter.
Lamp Holder	G4 lampholder in PPS body. VDE/ ENEC approved.
Ballast	Control gear 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 Wooden Brown 07

Light Distribution





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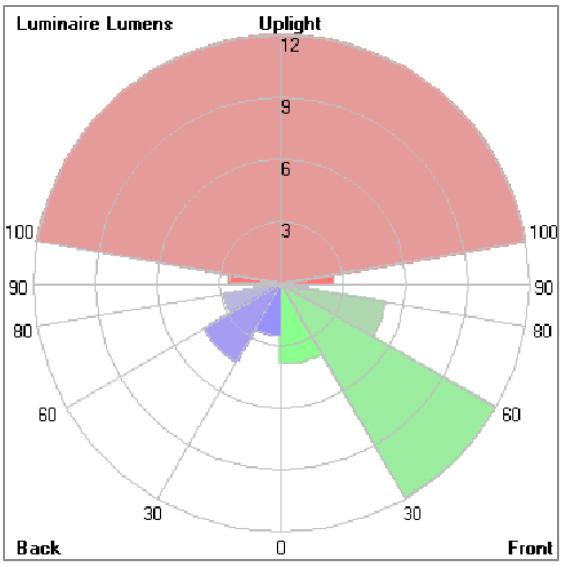
Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	3.7	2.7	8.1
FM	[30-60]	11.5	8.2	25.0
FH	[60-80]	4.9	3.5	10.7
FVH	[80-90]	1.3	0.9	2.8
BL	[0-30]	2.4	1.7	5.3
BM	[30-60]	4.2	3.0	9.1
BH	[60-80]	2.7	1.9	5.9
BVH	[80-90]	1.2	0.9	2.7
UL	[90-100]	2.4	1.7	5.3
UH	[100-180]	11.6	8.3	25.2
Total		45.9	32.8	100.0
BUG Rating		B0-U2-G0		

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Accessories

Ordering Code:
AUN-DRG-0115-01
Electronic Transformer,
12V, 20-60W, with IP67
GFR polymer enclosure

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