

# DOT

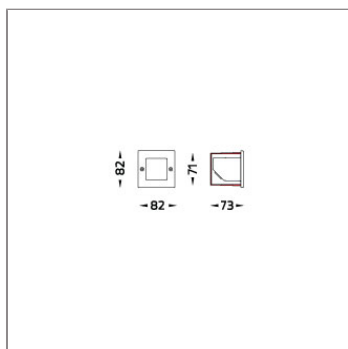
## DOT SQUARE – CV WALL RECESSED LIGHT



LAST UPDATE: 18-08-2025



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 :	6012-O-2-291-XX
Lamp :	Led Retrofit QT9
Socket :	G4
CCT :	2700-6500 K
Lamp Wattage :	2-3 W
Ambient Temperature :	25°C
Controller :	Remote
Input Voltage :	12Vac 50/60Hz
Net Weight :	0.30 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

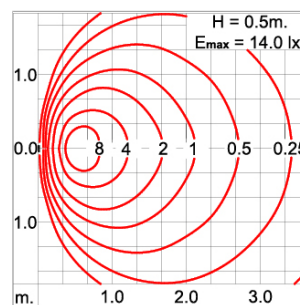
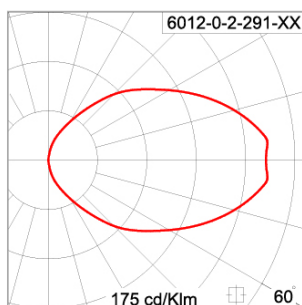
\*Due to the constancy of product development,  
we reserve the right to alter all specification  
without prior notice.

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## 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. 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	Self-extinguishing high impact resistant clear 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.
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	<div> <div>Black O1</div> <div>Graphite O2</div> <div>Dark Grey O3</div> <div>Aluminum Silver O4</div> <div>White O6</div> </div>

## Light Distribution



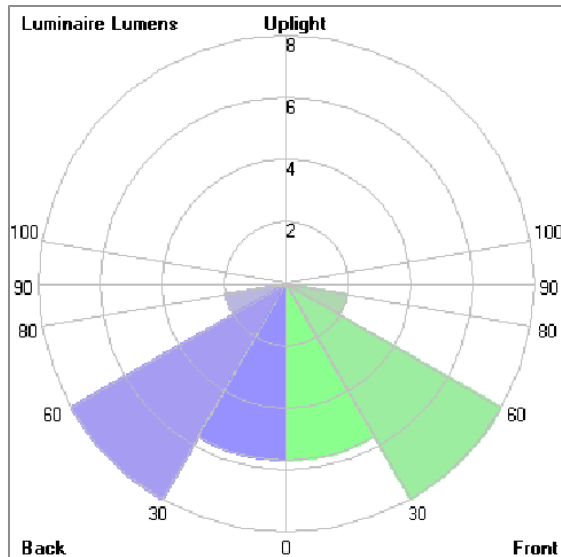
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### Bug Report



#### Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	5.8	4.1	18.0
FM	[30-60]	8.2	5.8	25.4
FH	[60-80]	2.0	1.4	6.3
FVH	[80-90]	0.1	0.1	0.4
BL	[0-30]	5.8	4.1	18.0
BM	[30-60]	8.2	5.8	25.4
BH	[60-80]	2.0	1.4	6.3
BVH	[80-90]	0.1	0.1	0.4
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.0	0.0	0.0
Total		32.2	22.8	100.0
BUG Rating		BO-UO-GO		

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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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