## DOT SQUARE GRILL - CC

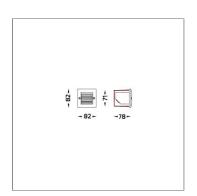
WALL RECESSED LIGHT



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 : 6055-0-2-525-XX

 Lamp:
 LED

 CCT:
 2700 K

 CRI:
 CRI >80

 SDCM:
 SDCM = 3

 Lamp Lumen:
 260 lm

 Luminaire Lumen:
 23 lm

Lamp Wattage : 2.1 W[700mA]

Luminaire Wattage : 2.1 W
Efficacy : 10 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



Icon definition

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#### Specification

External Screws

IEC Standard IEC 60598-1 General Requirement

IEC 60598-2-2 Recessed Luminaires

Protection IP65 Class III

IK Rating Protection against mechanical impact IKO7 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.

External screws are in stainless steel with protection grease.

Gasket Weather resistant silicone gasket. Working temperature -40°C to +200°C.

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

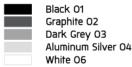
conductive material.

Driver Driver is not included and has to be ordered separately.

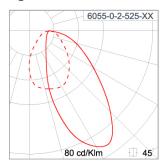
Terminal Block Terminal block in GFR PA6.6 for cable with cross section up to 2.5 sqmm. VDE approved.

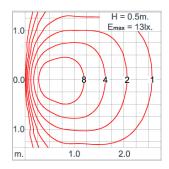
Caution Installation work has to be carried on according to the enclosed installation manual.

Color



#### **Light Distribution**





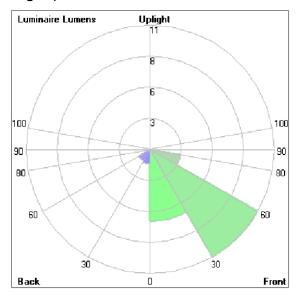
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### **Bug Report**



Lum. Classification System (LCS)				
LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	6.4	2.5	27.8
FM	[30-60]	11.0	4.2	47.9
FH	[60-80]	2.7	1.0	11.8
FVH	[80-90]	0.1	0.1	0.6
BL	[0-30]	1.3	0.5	5.7
ВМ	[30-60]	1.2	0.4	5.0
ВН	[60-80]	0.3	0.1	1.2
BVH	[80-90]	< 0.05	0.0	0.0
UL	[90-100]	0.0	0.0	0.0
UH	[100-180]	0.0	0.0	0.0
Total		23.0	8.8	100.0
BUG Rating		BO-UO-GO		

## DOT SQUARE GRILL - CC

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**⊕** Unilamp

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#### 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