

DOT

DOT ROUND

WALL RECESSED LIGHT

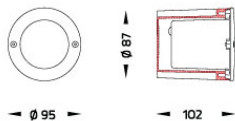


LAST UPDATE: 10-08-2026



INTEGRATED DRIVER

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 :	6084-O-3-302-XX
Lamp :	SMD-H LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	290 lm
Luminaire Lumen :	210 lm
Lamp Wattage :	2 W
Luminaire Wattage :	2.7 W
Efficacy :	77 lm/W
Ambient Temperature :	50°C
Lumen Maintenance	L80B10 >100,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	0.50 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

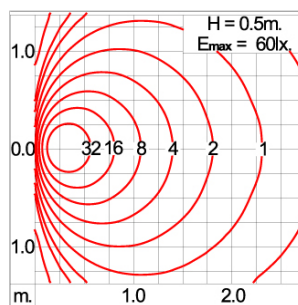
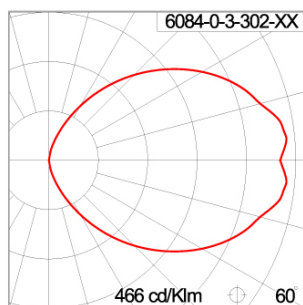
*Due to the constancy of product development,
we reserve the right to alter all specification
without prior notice.

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Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-2 Recessed luminaires and recessed air-handling luminaires
Protection	IP66 Class II
IK Rating	Protection against mechanical impact IK07 on body and optical part.
Luminaires Body Housing	Durable high-pressure die-cast aluminum alloy for excellent mechanical performance. High-strength injected PC housing for superior mechanical properties.
Coating Process	The luminaire undergoes a Nano Ceramic surface conversion, making it highly resistant to corrosive environments. It is primarily coated with a durable epoxy resin and finished with a UV-stabilized polyester powder top coat. The coating process is completed by curing the luminaire in a digitally controlled temperature chamber at 200°C, ensuring exceptional durability and long-lasting protection aga
Diffuser	Advanced clear polycarbonate diffuser with UV and flame resistance.
Gasket	Temperature-resistant silicone gasket engineered for durability in harsh conditions [-40°C to +200°C].
External Screws	Durable stainless steel screws with anti-corrosion grease for extended lifespan.
Cable Entry	Weatherproof grommet for secure cable entry, suitable for 5-10mm H05RN-F/H07RN-F cables.
Led	Premium LED module with top-tier chips, mounted on MCPCB for heat efficiency.
Driver	Certified constant current LED driver meeting all EMC and safety requirements.
Terminal Block	Certified GFR PA6.6 terminal block supporting up to 2.5 sqmm cables.
Caution	Installation must be performed as per the provided installation instructions.
Color	Black O1 Graphite O2 Dark Gray O3 Aluminum Silver O4 White O6 Corten O8

Light Distribution



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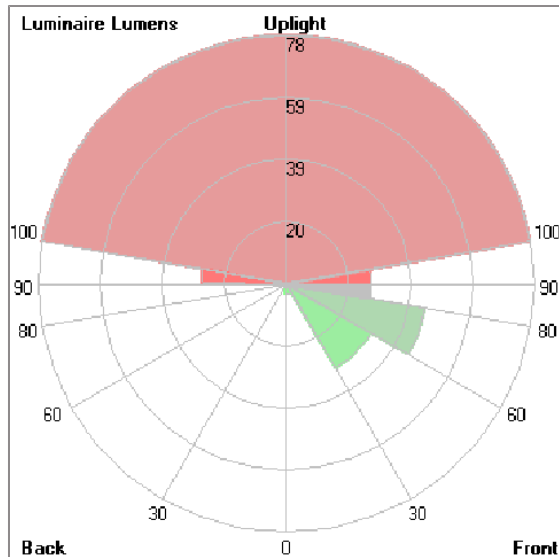
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Bug Report



Lum. Classification System (LCS)

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	3.1	1.5	1.5
FM	[30-60]	30.5	14.5	14.6
FH	[60-80]	44.4	21.1	21.2
FVH	[80-90]	26.6	12.7	12.7
BL	[0-30]	< 0.05	0.0	0.0
BM	[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]	26.6	12.7	12.7
UH	[100-180]	78.1	37.2	37.3
Total		209.3	99.7	100.0
BUG Rating		BO-U3-G1		

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