DOT CS LED EVO 3W 450LM HB IP65 1H NM AT

DETAILED CARD



TECHNICAL PARAMETERS

Index:	233739
Ingress protection:	IP65
Impact resistance:	IK07
Rated power of the luminaire [W]*:	3
Luminous flux [lm]*:	450
Colour temperature [K]:	4000
Material of the body:	PC
Diffuser material:	PMMA
Diffuser type:	lens
Optics material:	PC

CHARACTERISTICS

Surface-mounted 3W standalone emergency luminaire with an integrated, energy-efficient LED light module with 450lm light output. Body made of polycarbonate (PC). Optics available in 4 variants: general wide, general narrow, corridor wide, corridor narrow. DOT LED EVO has a built-in Li-ion battery, with an emergency operating time of 1h or 3h. The luminaire is available in an autotest (AT) version. Available in white or black.

APPLICATION

A self-contained emergency luminaire whose main use is to illuminate escape routes and fire protection equipment following a mains power failure. Particularly recommended where it is necessary to install emergency lighting as part of the modernisation of an existing installation. It successfully replaces lamps with a built-in emergency module. Thanks to additional sealing, the luminaire achieves IP65 sealing and can be used in areas with increased humidity or outdoors under cover.

DOT CS LED EVO 3W 450LM HB IP65 1H NM AT

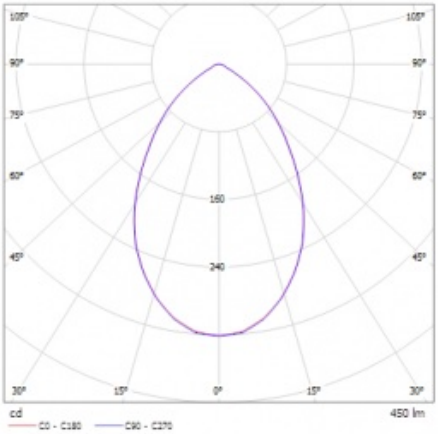
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	233739
Light source:	LED module
Rated power of the luminaire [W]:	3
Supply voltage [V]:	230
Frequency [Hz]:	50-60
Luminous flux [lm]:	450
Luminous efficacy [lm/W]:	150
Electrical protection class:	II
Colour temperature [K]:	4000
LED lifespan L70B50 [h]:	167000
Beam angle [°]:	CSHB
Exchangeable source:	yes
Battery:	Li-Ion
Battery capacity [mAh]:	2500
Diffuser material:	PMMA
Diffuser type:	lens
Diffuser colour:	transparent
Optics material:	PC
Material of the body:	PC
Colour of the body:	white

Dimensions (H/W/T/S) [mm]:	ø140/40
Mounting dimensions [mm]:	104
Impact resistance:	IK07
Ingress protection:	IP65
Mounting version:	surface
Working temperature [°C]:	from +5 to +35
Emergency lighting [h]:	1
Net weight [kg]:	0.250
Category type:	emergency lighting
Autotest:	yes
Operating mode:	NM
LED lifespan L80B10 [h]:	108000
LED lifespan L90B10 [h]:	108000
Light distribution type:	general narrow
Warranty [years]:	5
CE certificate:	41/2025
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

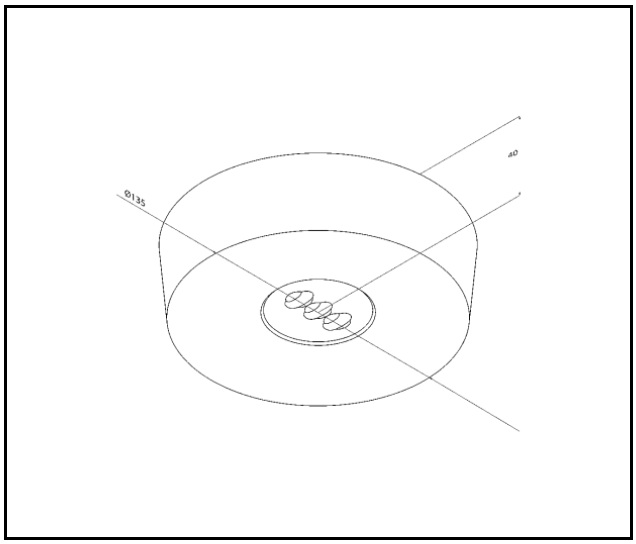
LIGHT CURVES



DOT CS LED EVO 3W 450LM HB IP65 1H NM AT

DETAILED CARD

TECHNICAL PICTURES



DOT CS LED EVO 3W 450LM HB IP65 1H NM AT

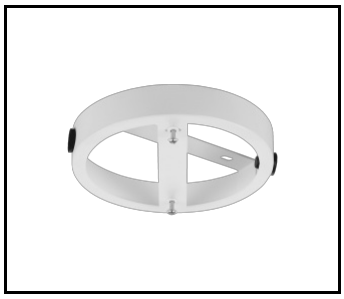
DETAILED CARD

ACCESSORIES AVAILABLE

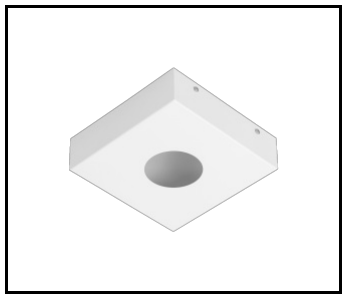
index	Name
545672	DOT CS galvanized steel arm
551161	Ceiling spacer DOT white matt
997570	DOT square frame. white matt texture
997587	DOT square frame black matt texture
545665	DOT – white protective net 150x150x80



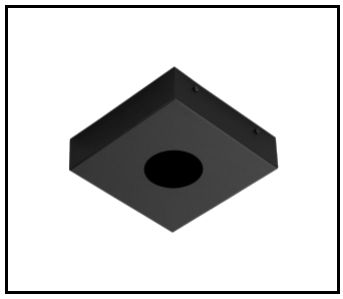
DOT CS galvanized steel arm (545672)



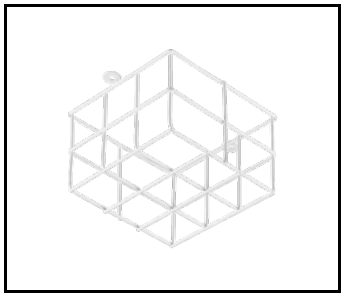
Ceiling spacer DOT white matt (551161)



DOT square frame. white matt texture (997570)



DOT square frame black matt texture (997587)



DOT – white protective net 150x150x80 (545665)

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 41/2025

LENA LIGHTING

Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl