DOT CR LED EVO 3W 450LM LB IP65/IP20 3H NM AT

DETAILED CARD



TECHNICAL PARAMETERS

Index:	233821
Ingress protection:	IP20 / 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

Recessed 3W standalone emergency luminaire with 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 the existing installation. Depending on the optics used, the luminaire can illuminate: escape routes (with corridor distribution) or be used as panic lighting with standard general distribution.

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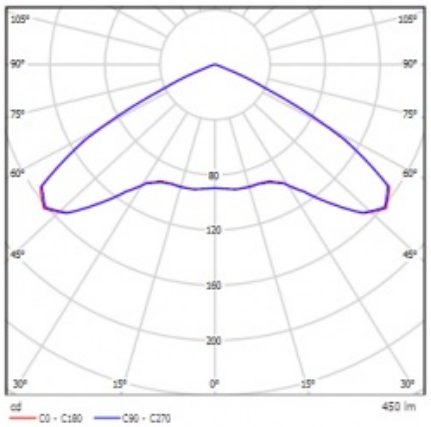
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	233821
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:	I
Colour temperature [K]:	4000
LED lifespan L70B50 [h]:	167000
Beam angle [°]:	CRLB
Exchangeable source:	yes
Battery:	Li-Ion
Battery capacity [mAh]:	4000
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]:	ø135/30
Mounting dimensions [mm]:	ø100
Impact resistance:	IK07
Ingress protection:	IP20 / IP65
Mounting version:	recessed
Working temperature [°C]:	from +5 to +35
Emergency lighting [h]:	3
Net weight [kg]:	0.430
Category type:	emergency lighting
Autotest:	yes
Operating mode:	NM
Light distribution type:	general wide
LED lifespan L80B10 [h]:	108000
LED lifespan L90B10 [h]:	108000
Warranty [years]:	5
CE certificate:	42/2025
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

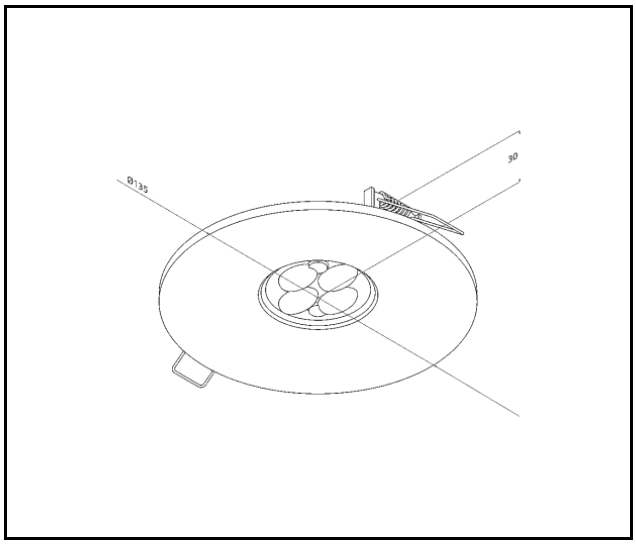
LIGHT CURVES



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DETAILED CARD

TECHNICAL PICTURES



Card creation date: 20 May 2025

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: 42/2025

LENA LIGHTING

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