DOT CR LED EVO 3W 450LM LB IP65/IP20 1H NM AT

DETAILED CARD



TECHNICAL PARAMETERS

Index:	233784
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.

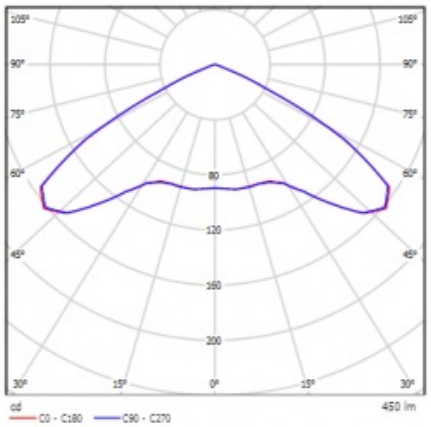
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TECHNICAL PARAMETERS TABLE

Index:	233784	**Dimensions (H/W/T/S) [mm]:**	ø135/30
Light source:	LED module	**Mounting dimensions [mm]:**	ø100
Rated power of the luminaire [W]:	3	**Impact resistance:**	IK07
Supply voltage [V]:	230	**Ingress protection:**	IP20 / IP65
Frequency [Hz]:	50-60	**Mounting version:**	recessed
Luminous flux [lm]:	450	**Working temperature [°C]:**	from +5 to +35
Luminous efficacy [lm/W]:	150	**Emergency lighting [h]:**	1
Electrical protection class:	I	**Net weight [kg]:**	0.430
Colour temperature [K]:	4000	**Category type:**	emergency lighting
LED lifespan L70B50 [h]:	167000	**Autotest:**	yes
Beam angle [°]:	CRLB	**Operating mode:**	NM
Exchangeable source:	yes	**Light distribution type:**	general wide
Battery:	Li-Ion	**LED lifespan L80B10 [h]:**	108000
Battery capacity [mAh]:	2500	**LED lifespan L90B10 [h]:**	108000
Diffuser material:	PMMA	**Warranty [years]:**	5
Diffuser type:	lens	**CE certificate:**	42/2025
Diffuser colour:	transparent	**Environmental Product Declaration (EPD):**	944/2026
Optics material:	PC	**Manual:**	Download PDF
Material of the body:	PC	**ISO Certificates:**	9001:2015, 14001:2015, 45001:2018, 50001:2018
Colour of the body:	white	**Plik LDT:**	Download

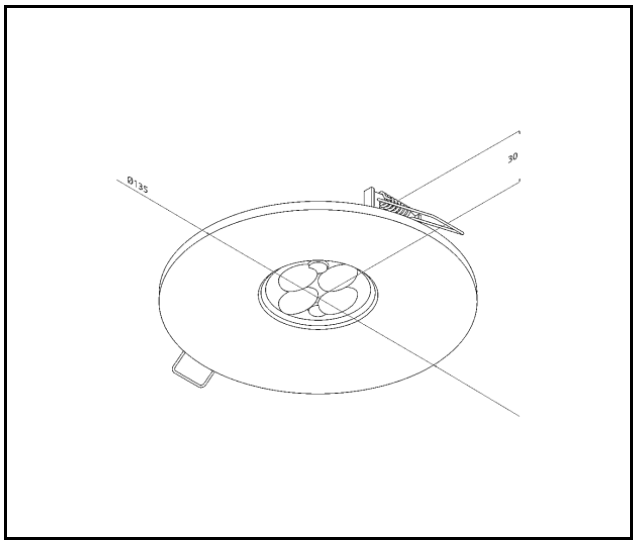
LIGHT CURVES



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TECHNICAL PICTURES



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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