# DOT CR LED EVO 3W 450LM LB IP65/IP20 3H NM AT RAL9005

**DETAILED CARD** 



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## **TECHNICAL PARAMETERS**

**Index:** 236433

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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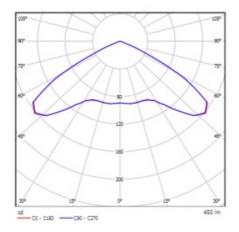
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

Index:	236433
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:	1
Colour temperature [K]:	4000
LED lifespan L70B50 [h]:	167000
Beam angle [°]:	CRLB
Exchangeable source:	yes
Battery:	Li-lon
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:	black
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 L80B20 [h]:	101000
LED lifespan L90B10 [h]:	49500
Warranty [years]:	5
CE certificate:	42/2025
Manual:	Download PDF
Plik LDT:	Download

### **LIGHT CURVES**



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%

