DOT CSO 1W 2H NM AT

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection: IP65

Nominal power [W]: 1

Luminous flux [lm]*: 140

Colour temperature [K]: 5000

Electrical protection class:

Material of the body: PC

Mounting version: surface

CNBOP certificate: 4958/2023

Warranty [years]: 2 / 0.5 (bateria)

Energy efficiency class: C



CHARACTERISTICS

Surface-mounted autonomous emergency luminaire with integrated, energy-saving LED light panel. Body made of polycarbonate (PC). Optical system available in 3 variants: basic, corridor, open space. Luminaire is fitted with batteries with 1h, 2h or 3h emergency operation time. The luminaire is using Ni-Mh or Ni-Cd battery with voltage of 3.6V and 24 hours of full charge with manual or automatic test function (AT).

APPLICATION

Autonomous emergency luminaire is mainly used for illumination of escape routes and fire protection devices after power failure, i.e. in emergency mode. Especially recommended everywhere, where it is necessary to install emergency lighting within the scope of modernization of existing system. Successfully replaces luminaires with embedded emergency module. Due to additional sealing, the luminaire achieves IP65 tightness and may be used in places with increased humidity or outdoors under the roofing.

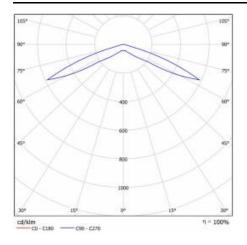


TECHNICAL PARAMETERS TABLE

Light source:	LED module
Nominal power [W]:	1
Rated power of the luminaire [W]:	1
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	140
Luminous efficacy [lm/W]:	137
Electrical protection class:	II
Colour temperature [K]:	5000
Color rendering index (Ra) >:	70
LED lifespan L70B50 [h]:	275000
Beam angle [°]:	120
Battery:	NiMh
Diffuser material:	PMMA
Material of the body:	PC
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	ø140/40
Mounting dimensions [mm]:	104
Ingress protection:	IP65

Impact resistance:	IK07
Mounting version:	surface
Working temperature [°C]:	from +5 to +35
Emergency lighting [h]:	2
Index:	550447
EAN:	5905963550447
Category type:	emergency lighting
Version:	open space
Autotest:	yes
Operating mode:	NM
Light distribution type:	open space
ETIM class:	EC001957
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Luminaire rated power 0min [W]:	1
Energy efficiency class:	С
Warranty [years]:	2 / 0.5 (bateria)
CE certificate:	112/2023
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES

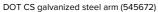




ACCESSORIES AVAILABLE

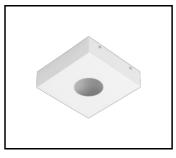
index Name	
index	Name
545672	DOT CS galvanized steel arm
551161	Ceiling spacer DOT white matt
997570	DOT square frame. white matt texture
997587	DOT square frame black matt texture



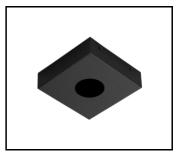




Ceiling spacer DOT white matt (551161)



DOT square frame. white matt texture (997570)



DOT square frame black matt texture (997587)

Card creation date: 27 October 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%

