

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:	II
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.

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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	1	Dimensions (H/W/T/S) [mm]:	ø140/40
Light source:	LED module	Mounting dimensions [mm]:	104
Colour temperature [K]:	5000	Ingress protection:	IP65
Luminous flux [lm]:	140	Impact resistance:	IK07
Rated power of the luminaire [W]:	1	Mounting version:	surface
Emergency lighting [h]:	2	Working temperature [°C]:	from +5 to +35
Supply voltage [V]:	220-240	Index:	550447
Operating mode:	NM	EAN:	5905963550447
Frequency [Hz]:	50 - 60	Category type:	emergency lighting
Autotest:	yes	Version:	open space
Luminous efficacy [lm/W]:	137	Light distribution type:	open space
Electrical protection class:	II	ETIM class:	EC001957
Colour rendering index:	>70	Photobiological safety:	RG0 - exempt (no photobiological hazard)
LED lifespan L70B50 [h]:	275000	Luminaire rated power P_{0min} [W]:	1
Beam angle [°]:	120	Energy efficiency class:	C
Battery:	NiMh	Warranty [years]:	2 / 0.5 (bateria)
Diffuser material:	PMMA	CE certificate:	112/2023
Material of the body:	PC	Manual:	Download PDF
Colour of the body:	white	Plik LDT:	

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ACCESSORIES AVAILABLE

index	Name
545672	DOT CS galvanized steel arm
551161	Ceiling spacer DOT white matt



DOT CS galvanized steel arm (545672)



Ceiling spacer DOT white matt (551161)

Card creation date: 09 January 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 112/2023