

# DOT CSO 1W 1H M

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).

Available versions:  
M – maintained,  
NM- non-maintained,  
AT – autotest.

## 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.

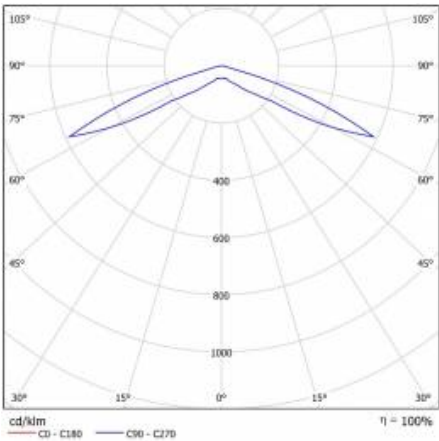
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### TECHNICAL PARAMETERS TABLE

Light source:	LED module	Ingress protection:	IP65
Nominal power [W]:	1	Mounting version:	surface
Rated power of the luminaire [W]:	1	Working temperature [°C]:	from +5 to +35
Supply voltage [V]:	220-240	Emergency lighting [h]:	1
Frequency [Hz]:	50 - 60	Index:	550409
Luminous flux [lm]:	140	EAN:	5905963550409
Luminous efficacy [lm/W]:	137	Category type:	emergency lighting
Electrical protection class:	II	Version:	open space
Colour temperature [K]:	5000	Operating mode:	M
Colour rendering index:	>70	Light distribution type:	open space
LED lifespan L70B50 [h]:	275000	ETIM class:	EC001957
Beam angle [°]:	120	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Battery:	NiMh	Luminaire rated power 0min [W]:	1
Diffuser material:	PMMA	Energy efficiency class:	C
Material of the body:	PC	Warranty [years]:	2 / 0.5 (bateria)
Colour of the body:	white	CE certificate:	<a href="#">112/2023</a>
Dimensions (H/W/T/S) [mm]:	ø140/40	Manual:	<a href="#">Download PDF</a>
Mounting dimensions [mm]:	104		

### LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
545672	DOT CS galvanized steel arm



DOT CS galvanized steel arm (545672)

Card creation date:13 March 2024

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: 112/2023