DOT CRO 1W 2H NM AT

DETAILED CARD



TECHNICAL PARAMETERS

Index:	550980
Ingress protection:	IP65/20
Luminous flux [lm]*:	140
Colour temperature [K]:	5000
Material of the body:	PC
Emergency lighting [h]:	2
Battery:	NiMh
Operating mode:	NM
Autotest:	yes
Mounting version:	recessed

CHARACTERISTICS

Recessed mounted autonomous emergency luminaire with integrated, energy-saving LED module. 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

Emergency luminaire, used mainly for illumination of escape routes and fire protection devices after power failure, i.e. in emergency lighting mode. Depending on the optical system used, the luminaire may illuminate: escape routes (in corridor light distribution mode) or be used as anti-panic lighting (in standard light distribution mode or open space light distribution mode). Open Space light distribution mode is dedicated to openoffice space of lesser height.

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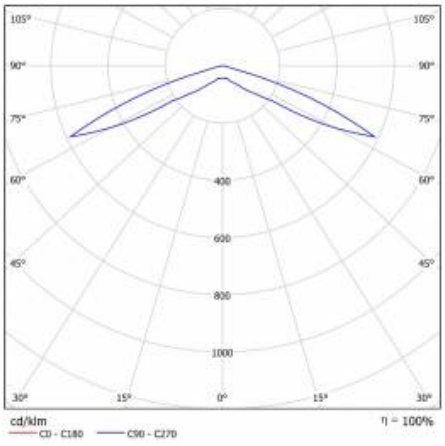
TECHNICAL PARAMETERS TABLE

Index:	550980
EAN:	5905963550980
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:	I
Energy efficiency class:	C
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]:	ø135/30

Mounting dimensions [mm]:	ø100
Ingress protection:	IP65/20
Mounting version:	recessed
Working temperature [°C]:	from +5 to +35
Emergency lighting [h]:	2
Net weight [kg]:	0.430
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
Warranty [years]:	2 / 0.5 (bateria)
Warranty [years]:	2 / 0.5 (battery)
CE certificate:	77/2023
Manual:	Download PDF
Plik LDT:	Download

LIGHT CURVES



Card creation date: 24 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 77/2023

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