

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).

Available versions:

M – maintained,
NM- non-maintained,
AT – autotest.

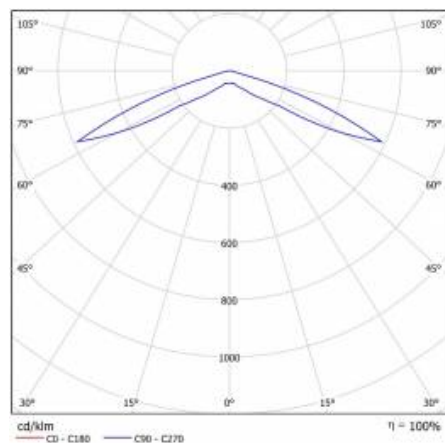
APPLICATION

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.

TECHNICAL PARAMETERS TABLE

Index:	550980	Dimensions (H/W/T/S) [mm]:	ø135/30
EAN:	5905963550980	Mounting dimensions [mm]:	ø100
Light source:	LED module	Ingress protection:	IP65/20
Nominal power [W]:	1	Mounting version:	recessed
Rated power of the luminaire [W]:	1	Working temperature [°C]:	from +5 to +35
Supply voltage [V]:	220-240	Emergency lighting [h]:	2
Frequency [Hz]:	50 - 60	Net weight [kg]:	0.430
Luminous flux [lm]:	140	Category type:	emergency lighting
Luminous efficacy [lm/W]:	137	Version:	open space
Electrical protection class:	I	Autotest:	yes
Energy efficiency class:	C	Operating mode:	NM
Colour temperature [K]:	5000	Light distribution type:	open space
Colour rendering index:	>70	ETIM class:	EC001957
LED lifespan L70B50 [h]:	275000	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Beam angle [°]:	120	Luminaire rated power 0_{min} [W]:	1
Battery:	NiMh	Warranty [years]:	2 / 0.5 (bateria)
Diffuser material:	PMMA	Warranty [years]:	2 / 0.5 (battery)
Material of the body:	PC	CE certificate:	77/2023
Colour of the body:	white	Manual:	Download PDF

LIGHT CURVES



Card creation date: 19 August 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 77/2023



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