

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

LIGHT CURVES

