

# DOT CRO 1W 3H NM AT

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	551048
<b>Ingress protection:</b>	IP65/20
<b>Luminous flux [lm]*:</b>	140
<b>Colour temperature [K]:</b>	5000
<b>Material of the body:</b>	PC
<b>Emergency lighting [h]:</b>	3
<b>Battery:</b>	NiMh
<b>Operating mode:</b>	NM
<b>Autotest:</b>	yes
<b>Mounting version:</b>	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.

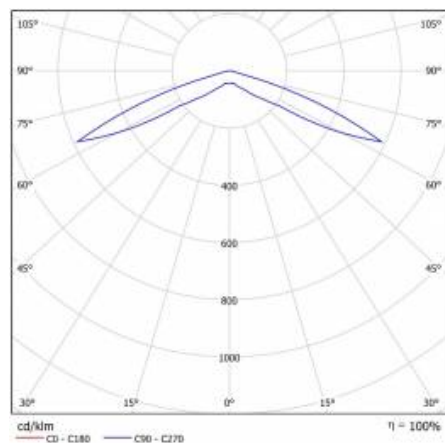
## APPLICATION

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

<b>Index:</b>	551048	<b>Dimensions (H/W/T/S) [mm]:</b>	ø135/30
<b>EAN:</b>	5905963551048	<b>Mounting dimensions [mm]:</b>	ø100
<b>Light source:</b>	LED module	<b>Ingress protection:</b>	IP65/20
<b>Nominal power [W]:</b>	1	<b>Mounting version:</b>	recessed
<b>Rated power of the luminaire [W]:</b>	1	<b>Working temperature [°C]:</b>	from +5 to +35
<b>Supply voltage [V]:</b>	220-240	<b>Emergency lighting [h]:</b>	3
<b>Frequency [Hz]:</b>	50 - 60	<b>Net weight [kg]:</b>	0.430
<b>Luminous flux [lm]:</b>	140	<b>Category type:</b>	emergency lighting
<b>Luminous efficacy [lm/W]:</b>	137	<b>Version:</b>	open space
<b>Electrical protection class:</b>	I	<b>Autotest:</b>	yes
<b>Energy efficiency class:</b>	C	<b>Operating mode:</b>	NM
<b>Colour temperature [K]:</b>	5000	<b>Light distribution type:</b>	open space
<b>Colour rendering index:</b>	>70	<b>ETIM class:</b>	EC001957
<b>LED lifespan L70B50 [h]:</b>	275000	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>Beam angle [°]:</b>	120	<b>Luminaire rated power <math>\Phi_{min}</math> [W]:</b>	1
<b>Battery:</b>	NiMh	<b>Warranty [years]:</b>	2 / 0.5 (bateria)
<b>Diffuser material:</b>	PMMA	<b>Warranty [years]:</b>	2 / 0.5 (battery)
<b>Material of the body:</b>	PC	<b>CE certificate:</b>	<a href="#">77/2023</a>
<b>Colour of the body:</b>	white	<b>Manual:</b>	<a href="#">Download PDF</a>

## 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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