

# DOT CR 1W 1H NM AT

## EMERGENCY LIGHTING



220-240 V  
50-60 Hz

LED



IP20

IP65

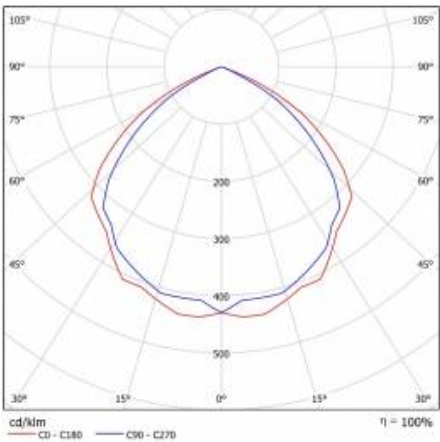


### TECHNICAL PARAMETERS

Index:	550560
Ingress protection:	IP65/20
Luminous flux [lm]*:	130
Colour temperature [K]:	5000
Material of the body:	PC
Emergency lighting [h]:	1
Battery:	NiMh
Operating mode:	NM
Autotest:	yes
Mounting version:	recessed

\*Tolerance +/- 10%

### LIGHT CURVES



### 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.

# DOT CR 1W 1H NM AT

## EMERGENCY LIGHTING

### TECHNICAL PARAMETERS TABLE

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]:	1
Supply voltage [V]:	220-240	Net weight of the luminaire [kg]:	0.430
Frequency [Hz]:	50 - 60	CE certificate:	<a href="#">97/2019</a>
Luminous flux [lm]:	130	Index:	550560
Luminous efficacy [lm/W]:	134	EAN:	5905963550560
Electrical protection class:	I	Category type:	emergency lighting
Colour temperature [K]:	5000	Version:	general
Colour rendering index:	>70	Autotest:	yes
LED lifespan L70B50 [h]:	275000	Operating mode:	NM
Beam angle [°]:	120	CNBOP certificate:	3216/2018
Battery:	NiMh	Light distribution type:	general
Diffuser material:	PMMA	ETIM class:	EC001957
Material of the body:	PC	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour of the body:	white	Luminaire rated power 0min [W]:	1
Dimensions [mm]:	ø135/30	Warranty [years]:	2 / 0.5 (battery)
Mounting dimensions [mm]:	ø100	Manual:	<a href="#">Download PDF</a>
Ingress protection:	IP65/20		

\*Tolerance+/- 10%

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer.

Revision date: 2021-03-12



Lena Lighting S.A.  
ul. Kórnicka 52  
63-000 Środa Wielkopolska

tel. +48 61 28 60 300  
e-mail: [office@lenalighting.pl](mailto:office@lenalighting.pl)  
[www.lenalighting.pl](http://www.lenalighting.pl)



The luminaire complies with the EU ROHS Directive 2011/65/UE



This product is a subject to electric and electronic waste equipment regulations (WEEE).



97/2019