

# DOT CS 1W 3H NM AT WITH HEATER FOR NEGATIVE TEMPERATURES

DETAILED CARD



## TECHNICAL PARAMETERS

|                              |                   |
|------------------------------|-------------------|
| Ingress protection:          | IP65              |
| Nominal power [W]:           | 1                 |
| Luminous flux [lm]*:         | 130               |
| Colour temperature [K]:      | 5000              |
| Electrical protection class: | II                |
| Material of the body:        | PC                |
| Mounting version:            | surface           |
| CNBOP certificate:           | 4958/2023         |
| Warranty [years]:            | 2 / 0.5 (bateria) |
| Energy efficiency class:     | D                 |

## CHARACTERISTICS

Surface-mounted autonomous emergency luminaire with integrated, energy-saving LED light panel. 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).

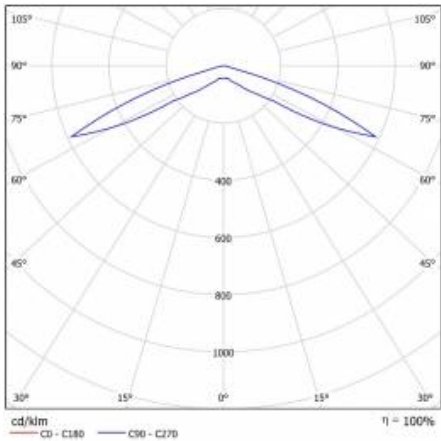
## APPLICATION

Autonomous emergency luminaire is mainly used for illumination of escape routes and fire protection devices after power failure, i.e. in emergency mode. Especially recommended everywhere, where it is necessary to install emergency lighting within the scope of modernization of existing system. Successfully replaces luminaires with embedded emergency module. Due to additional sealing, the luminaire achieves IP65 tightness and may be used in places with increased humidity or outdoors under the roofing.

TECHNICAL PARAMETERS TABLE

|                                   |            |                                 |  |
|-----------------------------------|------------|---------------------------------|--|
| Light source:                     | LED module | Ingress protection:             | IP65                                     |
| Nominal power [W]:                | 1          | Impact resistance:              | IK07                                     |
| Rated power of the luminaire [W]: | 1          | Mounting version:               | surface                                  |
| Supply voltage [V]:               | 220-240    | Working temperature [°C]:       | from -19 to +35                          |
| Frequency [Hz]:                   | 50-60      | Emergency lighting [h]:         | 3  |
| Luminous flux [lm]:               | 130        | Index:                          | 551154                                   |
| Luminous efficacy [lm/W]:         | 134        | EAN:                            | 5905963551154                            |
| Electrical protection class:      | II         | 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        | Light distribution type:        | general                                  |
| Battery:                          | NiMh       | Photobiological safety:         | RG0 - exempt (no photobiological hazard) |
| Diffuser material:                | PMMA       | Luminaire rated power Omin [W]: | 1  |
| Material of the body:             | PC         | Energy efficiency class:        | D  |
| Colour of the body:               | white      | Warranty [years]:               | 2 / 0.5 (bateria)                        |
| Dimensions (H/W/T/S) [mm]:        | ø140/40    | CE certificate:                 | <a href="#">112/2023</a>                 |
| Mounting dimensions [mm]:         | 104        | Manual:                         | <a href="#">Download PDF</a>             |

LIGHT CURVES



ACCESSORIES AVAILABLE

| index  | Name                          |
|--------|-------------------------------|
| 545672 | DOT CS galvanized steel arm   |
| 551161 | Ceiling spacer DOT white matt |



DOT CS galvanized steel arm (545672)



Ceiling spacer DOT white matt (551161)