

# DOT CS 2W 1H M

DETAILED CARD



## TECHNICAL PARAMETERS

|                              |                   |
|------------------------------|-------------------|
| Ingress protection:          | IP65              |
| Nominal power [W]:           | 2                 |
| Luminous flux [lm]*:         | 250               |
| 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).

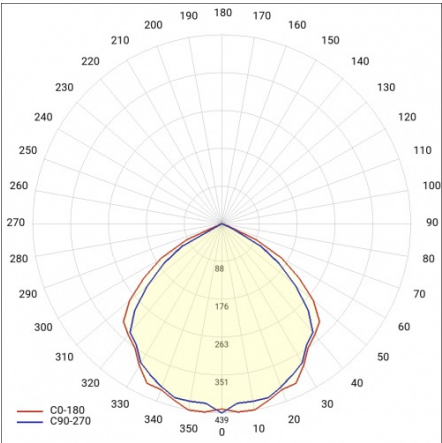
## APPLICATION

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

|                                   |            |                                       |  |
|-----------------------------------|------------|---------------------------------------|--|
| Nominal power [W]:                | 2          | Colour of the body:                   | white                                    |
| Light source:                     | LED module | Dimensions (H/W/T/S) [mm]:            | ø140/40                                  |
| Colour temperature [K]:           | 5000       | Mounting dimensions [mm]:             | 104                                      |
| Luminous flux [lm]:               | 250        | Ingress protection:                   | IP65                                     |
| Rated power of the luminaire [W]: | 2          | Impact resistance:                    | IK07                                     |
| Emergency lighting [h]:           | 1          | Mounting version:                     | surface                                  |
| Supply voltage [V]:               | 220-240    | Working temperature [°C]:             | from +5 to +35                           |
| Frequency [Hz]:                   | 50 - 60    | Index:                                | 550058                                   |
| Light distribution type:          | general    | EAN:                                  | 5905963550058                            |
| Operating mode:                   | M          | Category type:                        | emergency lighting                       |
| Luminous efficacy [lm/W]:         | 125        | Version:                              | general                                  |
| Electrical protection class:      | II         | ETIM class:                           | EC001957                                 |
| Colour rendering index:           | >70        | Photobiological safety:               | RG0 - exempt (no photobiological hazard) |
| LED lifespan L70B50 [h]:          | 275000     | Luminaire rated power $P_{0min}$ [W]: | 2  |
| Beam angle [°]:                   | 120        | Energy efficiency class:              | D  |
| Battery:                          | NiMh       | Warranty [years]:                     | 2 / 0.5 (bateria)                        |
| Diffuser material:                | PMMA       | CE certificate:                       | <a href="#">112/2023</a>                 |
| Material of the body:             | PC         | Manual:                               | <a href="#">Download PDF</a>             |
|                                   |            | Plik LDT:                             | <a href="#">Download</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)