

# DOT CSO 1W 2H M

## EMERGENCY LIGHTING



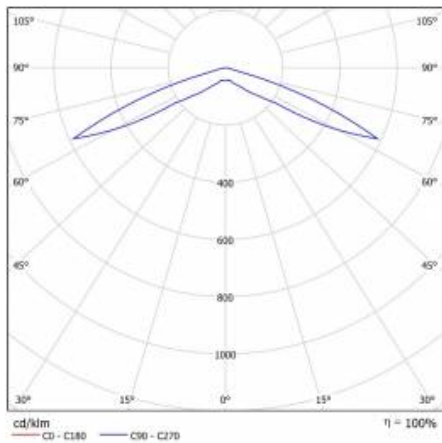
220-240 V | 50-60 Hz | LED | IP65 | CE

### TECHNICAL PARAMETERS

|                         |           |
|-------------------------|-----------|
| Index:                  | 550461    |
| Ingress protection:     | IP65      |
| Luminous flux [lm]*:    | 140       |
| Colour temperature [K]: | 5000      |
| Material of the body:   | PC        |
| Emergency lighting [h]: | 2         |
| Battery:                | NiMh      |
| Mounting version:       | surface   |
| CNBOP certificate:      | 3216/2018 |

\*Tolerance +/- 10%

### LIGHT CURVES



cd/klm C0 - C180 C90 - C270

1) = 100%

### CHARACTERISTICS

Surface mounted autonomous emergency luminaire with integrated, energy-saving LED GO! 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).

Available versions:  
M – maintained,  
NM- non-maintained,  
AT – autotest.

### 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.

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## TECHNICAL PARAMETERS TABLE

|                                   |            |                                      |   |
|-----------------------------------|------------|--------------------------------------|---|
| Light source:                     | LED module | Ingress protection:                  | IP65  |
| Nominal power [W]:                | 1          | Mounting version:                    | surface   |
| Rated power of the luminaire [W]: | 1          | Working temperature [°C]:            | from +5 to +35  |
| Supply voltage [V]:               | 220-240    | Emergency lighting [h]:              | 2   |
| Frequency [Hz]:                   | 50 - 60    | Net weight of the luminaire [kg]:    | 0.250   |
| Luminous flux [lm]:               | 140        | CE certificate:                      | <a href="#">96/2019</a>   |
| Luminous efficacy [lm/W]:         | 137        | Index:                               | 550461  |
| Electrical protection class:      | II         | EAN:                                 | 5905963550461   |
| Colour temperature [K]:           | 5000       | Category type:                       | emergency lighting  |
| Colour rendering index:           | >70        | Version:                             | open space  |
| LED lifespan L70B50 [h]:          | 275000     | CNBOP certificate:                   | 3216/2018   |
| Beam angle [°]:                   | 120        | Light distribution type:             | open space  |
| Battery:                          | NiMh       | ETIM class:                          | EC001957  |
| Diffuser material:                | PMMA       | Photobiological safety:              | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Material of the body:             | PC         | Luminaire rated power $P_{min}$ [W]: | 1   |
| Colour of the body:               | white      | Warranty [years]:                    | 2 / 0.5 (battery)   |
| Dimensions [mm]:                  | ø140/40    | Manual:                              | <a href="#">Download PDF</a>  |
| Mounting dimensions [mm]:         | 104        |                                      |   |

\*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.

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



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



96/2019