

DOT CRC LED EVO 3W 450LM HB IP65/IP20 3H NM AT

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|------------------------------------|-------------|
| Index: | 233845 |
| Ingress protection: | IP20 / IP65 |
| Impact resistance: | IK07 |
| Rated power of the luminaire [W]*: | 3 |
| Luminous flux [lm]*: | 450 |
| Colour temperature [K]: | 4000 |
| Material of the body: | PC |
| Diffuser material: | PMMA |
| Diffuser type: | lens |
| Optics material: | PC |

CHARACTERISTICS

Recessed 3W standalone emergency luminaire with integrated energy-efficient LED light module with 450lm light output. Body made of polycarbonate (PC). Optics available in 4 variants: general wide, general narrow, corridor wide, corridor narrow. DOT LED EVO has a built-in Li-ion battery, with an emergency operating time of 1h or 3h. The luminaire is available in an autotest (AT) version. Available in white or black.

APPLICATION

A self-contained emergency luminaire whose main use is to illuminate escape routes and fire protection equipment following a mains power failure. Particularly recommended where it is necessary to install emergency lighting as part of the modernisation of the existing installation. Depending on the optics used, the luminaire can illuminate: escape routes (with corridor distribution) or be used as panic lighting with standard general distribution.

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TECHNICAL PARAMETERS TABLE

| | | | |
|-----------------------------------|-------------|----------------------------|------------------------------|
| Index: | 233845 | Dimensions (H/W/T/S) [mm]: | ø135/30 |
| Light source: | LED module | Mounting dimensions [mm]: | ø100 |
| Rated power of the luminaire [W]: | 3 | Impact resistance: | IK07 |
| Supply voltage [V]: | 230 | Ingress protection: | IP20 / IP65 |
| Frequency [Hz]: | 50-60 | Mounting version: | recessed |
| Luminous flux [lm]: | 450 | Working temperature [°C]: | from +5 to +35 |
| Luminous efficacy [lm/W]: | 150 | Emergency lighting [h]: | 3 |
| Colour temperature [K]: | 4000 | Net weight [kg]: | 0.430 |
| LED lifespan L70B50 [h]: | 167000 | Category type: | emergency lighting |
| Beam angle [°]: | CRCHB | Autotest: | yes |
| Exchangeable source: | yes | Operating mode: | NM |
| Battery: | Li-Ion | Light distribution type: | corridor narrow |
| Battery capacity [mAh]: | 4000 | LED lifespan L80B20 [h]: | 101000 |
| Diffuser material: | PMMA | LED lifespan L90B10 [h]: | 49500 |
| Diffuser type: | lens | Warranty [years]: | 5 |
| Diffuser colour: | transparent | CE certificate: | 42/2025 |
| Optics material: | PC | Manual: | Download PDF |
| Material of the body: | PC | Plik LDT: | Download |
| Colour of the body: | white | | |

LIGHT CURVES

