# DOT CRC LED EVO 3W 450LM HB IP65/IP20 1H NM AT RAL9005

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 236419 |
| **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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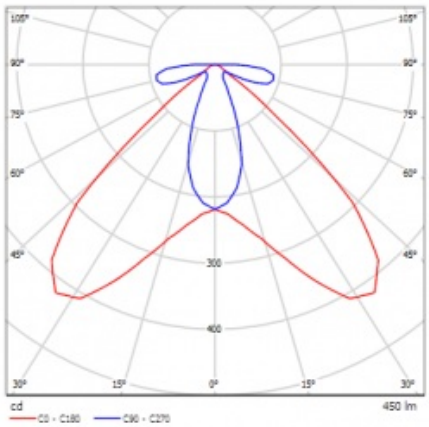
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 236419 |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 3 |
| **Supply voltage [V]:** | 230 |
| **Frequency [Hz]:** | 50-60 |
| **Luminous flux [lm]:** | 450 |
| **Luminous efficacy [lm/W]:** | 150 |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 4000 |
| **LED lifespan L70B50 [h]:** | 167000 |
| **Beam angle [°]:** | CRCHB |
| **Exchangeable source:** | yes |
| **Battery:** | Li-Ion |
| **Battery capacity [mAh]:** | 2500 |
| **Diffuser material:** | PMMA |
| **Diffuser type:** | lens |
| **Diffuser colour:** | transparent |
| **Optics material:** | PC |
| **Material of the body:** | PC |
| **Colour of the body:** | black |

| | |
|---|---|
| **Dimensions (H/W/T/S) [mm]:** | ø135/30 |
| **Mounting dimensions [mm]:** | ø100 |
| **Impact resistance:** | IK07 |
| **Ingress protection:** | IP20 / IP65 |
| **Mounting version:** | recessed |
| **Working temperature [°C]:** | from +5 to +35 |
| **Emergency lighting [h]:** | 1 |
| **Net weight [kg]:** | 0.430 |
| **Category type:** | emergency lighting |
| **Autotest:** | yes |
| **Operating mode:** | NM |
| **Light distribution type:** | corridor narrow |
| **LED lifespan L80B10 [h]:** | 108000 |
| **LED lifespan L90B10 [h]:** | 108000 |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 42/2025 |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

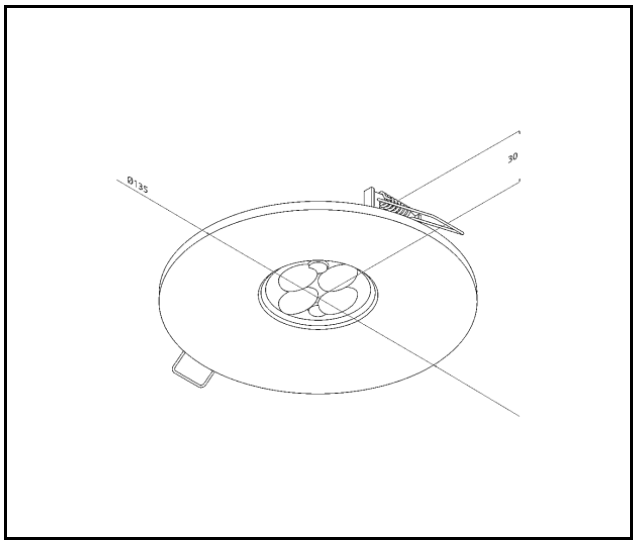
## LIGHT CURVES



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DETAILED CARD

**TECHNICAL PICTURES**




Card creation date: 20 May 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

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

Certificate CE - Nr: 42/2025

LENA LIGHTING

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