# DOT CS LED EVO 3W 450LM LB IP65 1H NM AT RAL9005

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 236310 |
| **Ingress protection:** | 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

Surface-mounted 3W standalone emergency luminaire with an 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 an existing installation. It successfully replaces lamps with a built-in emergency module. Thanks to additional sealing, the luminaire achieves IP65 sealing and can be used in areas with increased humidity or outdoors under cover.

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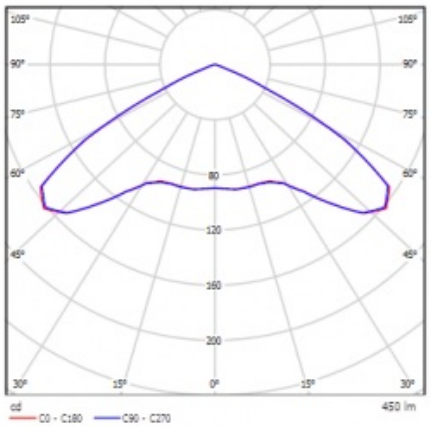
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 236310 |
| **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:** | II |
| **Colour temperature [K]:** | 4000 |
| **LED lifespan L70B50 [h]:** | 167000 |
| **Beam angle [°]:** | CSLB |
| **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]:** | ø140/40 |
| **Mounting dimensions [mm]:** | 104 |
| **Impact resistance:** | IK07 |
| **Ingress protection:** | IP65 |
| **Mounting version:** | surface |
| **Working temperature [°C]:** | from +5 to +35 |
| **Emergency lighting [h]:** | 1 |
| **Net weight [kg]:** | 0.250 |
| **Category type:** | emergency lighting |
| **Autotest:** | yes |
| **Operating mode:** | NM |
| **LED lifespan L80B10 [h]:** | 108000 |
| **LED lifespan L90B10 [h]:** | 108000 |
| **Light distribution type:** | general wide |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 41/2025 |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

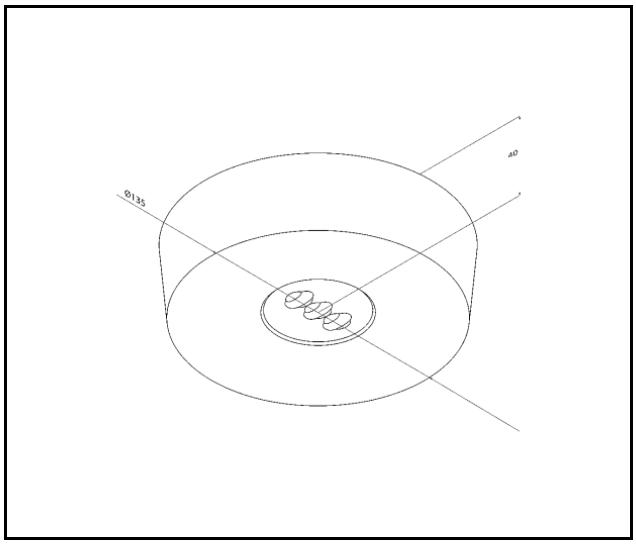
## LIGHT CURVES



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## TECHNICAL PICTURES



# DOT CS LED EVO 3W 450LM LB IP65 1H NM AT RAL9005

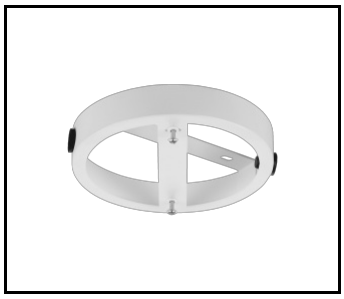
DETAILED CARD

## ACCESSORIES AVAILABLE

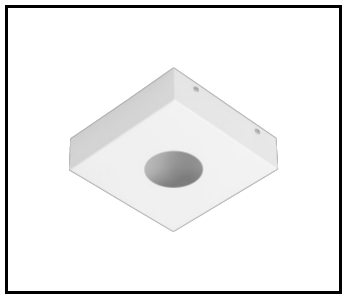
| index | Name |
|---|---|
| 545672 | DOT CS galvanized steel arm |
| 551161 | Ceiling spacer DOT white matt |
| 997570 | DOT square frame. white matt texture |
| 997587 | DOT square frame black matt texture |
| 545665 | DOT – white protective net 150x150x80 |



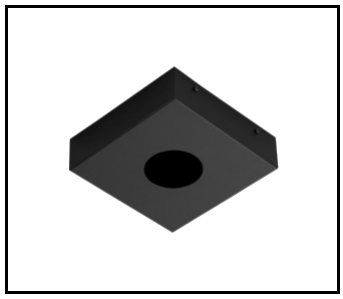
DOT CS galvanized steel arm (545672)



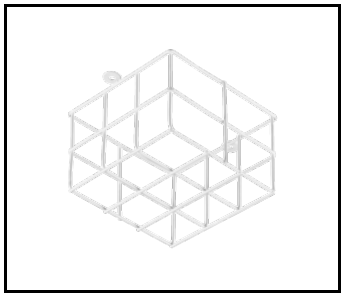
Ceiling spacer DOT white matt (551161)



DOT square frame. white matt texture (997570)



DOT square frame black matt texture (997587)



DOT – white protective net 150x150x80 (545665)



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: 41/2025

LENA LIGHTING

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