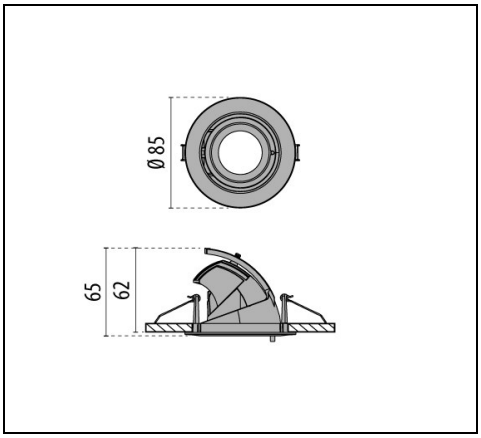
# EB+ 431

## Part number LTY1111FA940






IP 20 | CLASS II | CRI 90 | ULR<1 | CIEn°3>95 | CE | UKCA

### Description

Recessed LED luminaire for indoor, comprising:
- Die-cast aluminium spotlight body and ring, powder-coated
- Reflector can be swivelled horizontally inwards and outwards thanks to the unique swivel mechanism
- Adjustable about 60° (from -15° up to 45°, rotatable about 355°
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Colour rendering index Ra > 90
- Quick and toolless installation
- Built-in driver
- Anchor springs
- Clear safety glass
- High-brilliance spherical faceted reflector for maximum performance and neutral colour rendering index

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## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC001744 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 1298 | **Luminaire lumen output [lm]:** | 925 |
| **Luminaire wattage [W]:** | 9 W | **Luminous efficacy [lm/W]:** | 103 |
| **CRI:** | 90 | **Colour temperature [K]:** | 4000 |
| **Colour / Finishing:** | BK-RAL9005 / Black RAL9005 / Textured | **IP degree of protection:** | IP20 |
| **Impact resistance / impact energy:** | IK02 0.2J xx0 | **Protection class:** | II |
| **Optic:** | C/I - Circular Intensive | **Net weight [kg]:** | 0.181 |
| **Overall diameter [mm]:** | 85 | **Overall height [mm]:** | 65 |
| **Cut-out diameter [mm]:** | Ø 75 | | |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Round ≤ 150 mm | **Housing material:** | Aluminium |
| **Diffuser material:** | Transparent glass | **Glow wire test [°C]:** | 650 °C |

## Electrical features

| | | | |
|---|---|---|---|
| **Voltage type:** | AC | **Input voltage [V AC]:** | 220/240 |
| **Input frequency [Hz]:** | 50/60 | **Power factor / COS Φ:** | 0.95 |
| **C10 1.5 mm²:** | 72 | **C16 2.5 mm²:** | 116 |
| **B10 1.5 mm²:** | 72 | **B16 2.5 mm²:** | 116 |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Indoor lighting | **Mounting type:** | Downlight and spotlight |
| **Min. ambient temperature [°C]:** | -20 | **Max. ambient temperature [°C]:** | 30 |
| **Min. distance from lighted object [m]:** | 0.10 | | |

## Light features

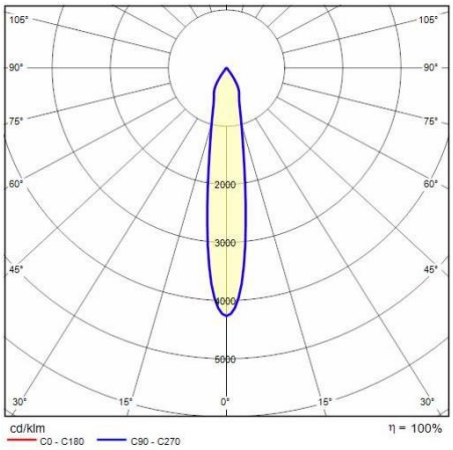
| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L90B10@110000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 0 |
| **UFF - Upward Flux Fraction [%]:** | 100 | **Luminous Intensity Class:** | G*6 |
| **Zero light pollution (ULR = 0%):** | | | |

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## Photometric data




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