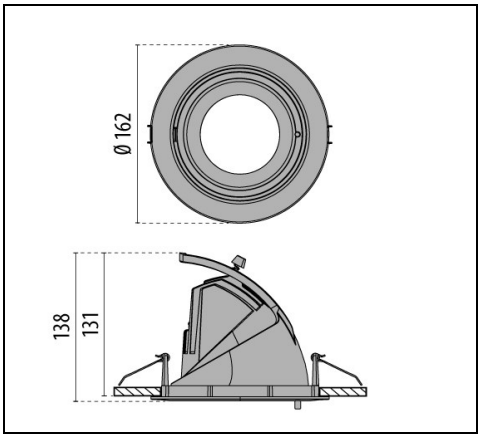
date: 27/10/2026

# EB+ 434

## Part number LTY1414FB940






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

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com

## Product data

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

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 3776 | **Luminaire lumen output [lm]:** | 2985 |
| **Luminaire wattage [W]:** | 24 W | **Luminous efficacy [lm/W]:** | 124 |
| **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/M - Circular Medium | **Net weight [kg]:** | 0.777 |
| **Overall diameter [mm]:** | 162 | **Overall height [mm]:** | 138 |
| **Cut-out diameter [mm]:** | Ø 150 | | |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Round 150 ≤ x ≤ 300 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 |
| **Inrush current [A/µs]:** | 23 / 260 | **C10 1.5 mm²:** | 22 |
| **C16 2.5 mm²:** | 35 | **B10 1.5 mm²:** | 13 |
| **B16 2.5 mm²:** | 21 | | |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Indoor lighting | **Mounting type:** | Downlight and spotlight |
| **Min. ambient temperature [°C]:** | -20 | **Max. ambient temperature [°C]:** | 40 |
| **Min. distance from lighted object [m]:** | 0.10 | | |

## Light features

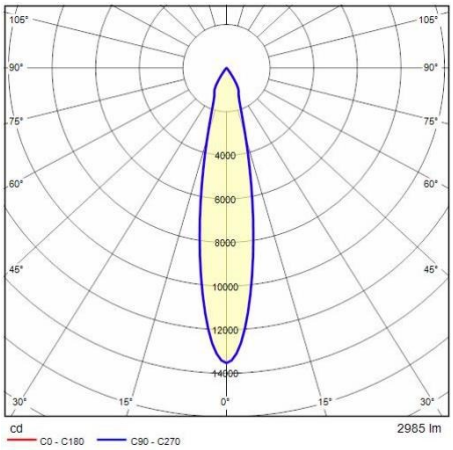
| | | | |
|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L90B10@120000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 0 |
| **UFF - Upward Flux Fraction [%]:** | 100 | **UGR max.:** | 19.0 |
| **Luminous Intensity Class:** | G*6 | **Zero light pollution (ULR = 0%):** | |

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com

## Photometric data




## Optional accessories

EB+ 433 - EB+ 434



**8433961**

Food glass filter for meat products



**8433962**

Food glass filter for bakery products



**8433963**

Food glass filters for fruits and cheese



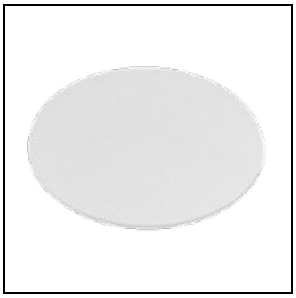
**8433964**

Food glass filter for vegetables



**8433965**

Food glass filter for fish products



**8414900**

Frosted safety glass pane

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
**PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy**
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

**info.it@pil.lighting**
www.performanceinlighting.com