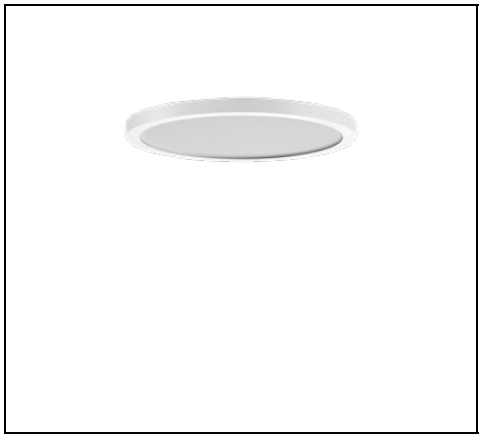
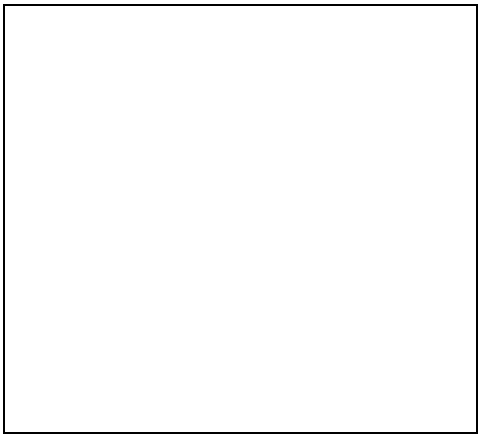
# FL ROUND+ 333 RE MP

## Part number 3123853





IP 20 | CLASS I | MULTI POWER | CE | UKCA

### Description

Recessed round LED luminaire for indoor, comprising:
- Housing made from sheet steel and die-cast aluminium, powder-coated
- FUTURE-PROOF = replaceable light engine and components
- Micro-prismatic diffuser for efficient light distribution, glare reduction and high uniformity (MP)
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- Depending on the version, glare-free light for office applications in accordance with DIN EN 12464-1 (UGR<19 and <3000cd/$m^2$ >65°)
- In the tunable white version, the illuminance level and light colour can be manually adjusted from 2700K to 6500K (DALI DT8)
- Direct light distribution
- 2 power levels adjustable
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Built-in driver

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## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC002892 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 1260/3880 | **Luminaire lumen output [lm]:** | 970/2890 |
| **Luminous efficacy [lm/W]:** | 121 | **CRI:** | 80 |
| **Colour temperature [K]:** | 3000 | **Colour / Finishing:** | WH-RAL9016 / White RAL9016 / Textured |
| **IP degree of protection:** | IP20 | **Impact resistance / impact energy:** | IK06 1J xx3 |
| **Protection class:** | I | **Optic:** | S/A - Symmetric direct |
| **Beam angle:** | 2 x 42/43 | **Net weight [kg]:** | 2.687 |
| **Overall diameter [mm]:** | 329 | **Overall height [mm]:** | 14 |
| **Cut-out dimensions [mm]:** | 203 X 203 | **Minimum installation depth [mm]:** | 65 |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Round ≥ 300 mm | **Housing material:** | Aluminium |
| **Diffuser material:** | Plastic | **Glow wire test [°C]:** | 650 °C |

## Electrical features

| | | | |
|---|---|---|---|
| **Voltage type:** | AC | **Input voltage [V AC]:** | 220/240 |
| **Input frequency [Hz]:** | 220-240V 50/60Hz | **Power factor / COS Φ:** | >0.9 |

## Installation

| | | | |
|---|---|---|---|
| **Application area:** | Indoor lighting | **Mounting type:** | Ceiling recessed |
| **Min. ambient temperature [°C]:** | 10 | **Max. ambient temperature [°C]:** | 40 |

## Light features

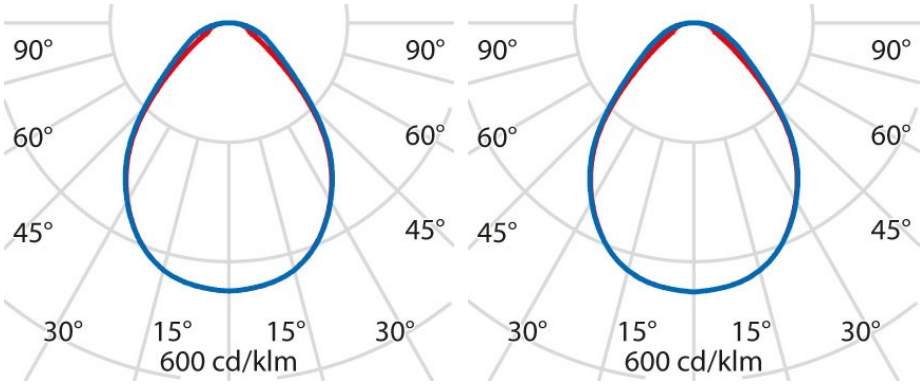
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|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L80B10@50000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 100 |
| **UFF - Upward Flux Fraction [%]:** | 0 | | |

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## Photometric data




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