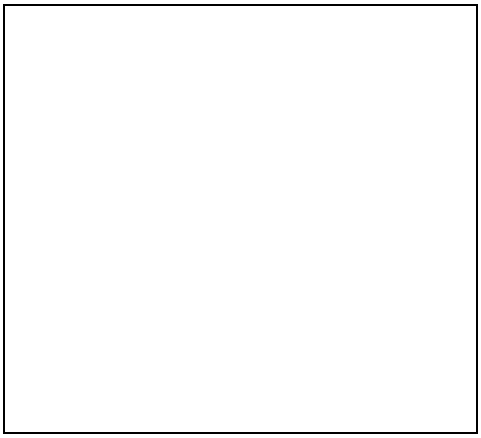
# FL ROUND+ 555 RE OP

## Part number 3123981





IP 20 | CLASS I

## 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
- Opal white diffuser for optimum light distribution and excellent uniformity (OP)
- LED Sidelight-Technology for a homogenous light distribution over the entire area of the cover
- In the tunable white version, the illuminance level and light colour can be manually adjusted from 2700K to 6500K (DALI DT8)
- Direct light distribution
- 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]:** | 7760 | **Luminaire lumen output [lm]:** | 5940 |
| **Luminaire wattage [W]:** | 49 W | **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 56/56 |
| **Net weight [kg]:** | 5.296 | **Overall diameter [mm]:** | 549 |
| **Overall height [mm]:** | 14 | **Cut-out dimensions [mm]:** | 310 X 310 |
| **Minimum installation depth [mm]:** | 65 | | |

## Mechanical features

| | | | |
|---|---|---|---|
| **Shape:** | Round ≥ 300 mm | **Housing material:** | Aluminium |
| **Diffuser material:** | Opal 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

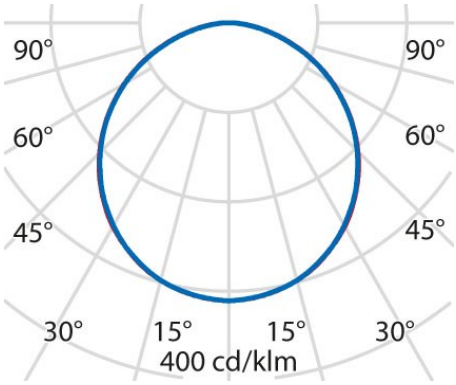
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|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L80B10@50000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 100 |
| **UFF - Upward Flux Fraction [%]:** | 0 | | |

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## Photometric data




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