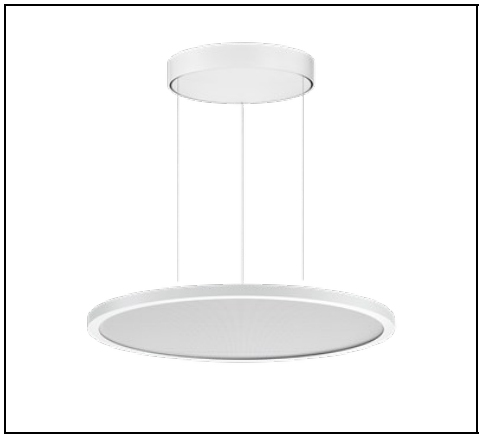
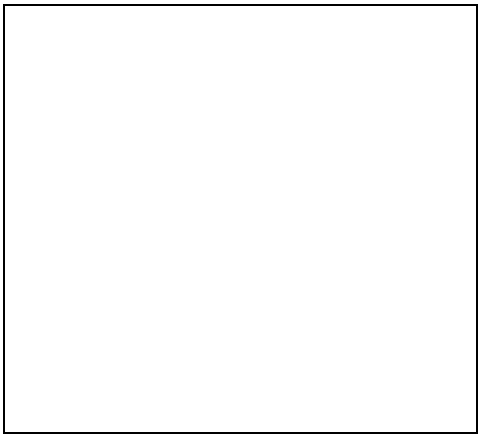
# FL ROUND+ 555 PL MP DIRECT

## Part number 3124328





## Description

Suspended, 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
- Direct light distribution
- 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)
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Built-in driver
- Complete with steel suspension cable (1.5 m), transparent power cable and canopy

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

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## Product data

| | | | |
|---|---|---|---|
| **ETIM Group:** | EG000027 | **ETIM Class:** | EC001743 |

## General information

| | | | |
|---|---|---|---|
| **Lampholder:** | LED | **Light source:** | LED |
| **Lightsource lumen output [lm]:** | 3800 | **Luminaire lumen output [lm]:** | 2890 |
| **Luminaire wattage [W]:** | 21 W | **Luminous efficacy [lm/W]:** | 138 |
| **CRI:** | 80 | **Colour temperature [K]:** | 4000 |
| **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 44/43 |
| **Net weight [kg]:** | 4.826 | **Overall diameter [mm]:** | 549 |
| **Overall height [mm]:** | 14 | | |

## 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:** | Suspended |
| **Min. ambient temperature [°C]:** | 10 | **Max. ambient temperature [°C]:** | 40 |

## Light features

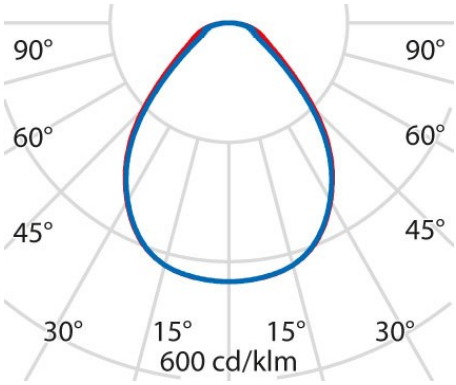
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|---|---|---|---|
| **MacAdam:** | 3 | **Lumen maintenance:** | L80B10@50000h |
| **Distribution of light emission:** | Direct | **DFF - Downward Flux Fraction [%]:** | 100 |
| **UFF - Upward Flux Fraction [%]:** | 0 | **UGR max.:** | 19.0 |

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## Photometric data




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