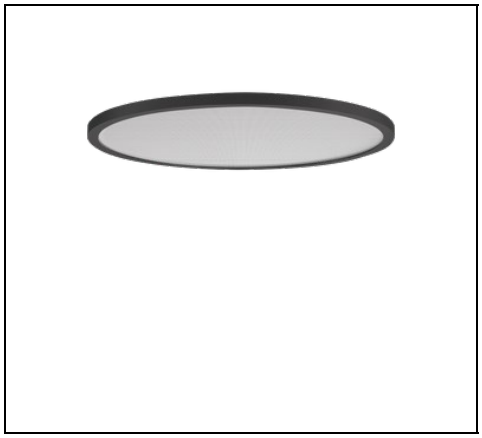
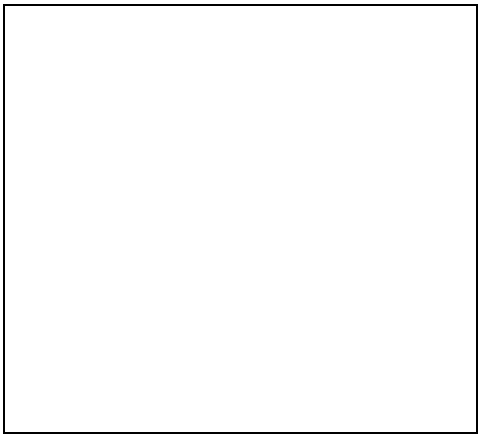
FL ROUND+ 555 RE MP

Part number 3124821





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
- 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
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Built-in driver

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:**	EC002892

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	8000	**Luminaire lumen output [lm]:**	6070
Luminaire wattage [W]:	49 W	**Luminous efficacy [lm/W]:**	124
CRI:	80	**Colour temperature [K]:**	4000
Colour / Finishing:	BK-RAL9005 / Black RAL9005 / 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]:	5.914	**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:	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

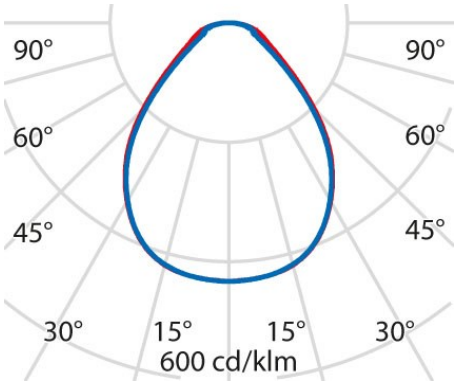
MacAdam:	3	**Lumen maintenance:**	L80B10@50000h
Distribution of light emission:	Direct	**DFF - Downward Flux Fraction [%]:**	100
UFF - Upward Flux Fraction [%]:	0	**UGR max.:**	22.0

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Photometric data



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