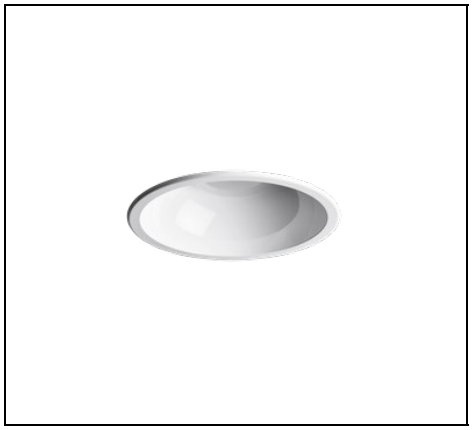
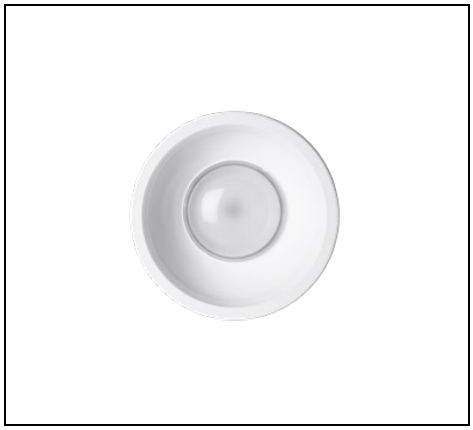
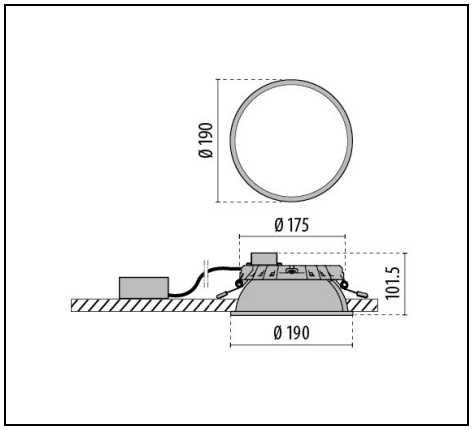
MANGO+ MIDI MULTIPOWER

Part number 3109845







Description

Recessed, modular, round LED downlight for indoor, comprising:

- Die-cast aluminium heat sink with Fast™ (Flexible air stream technology) cooling system grants an excellent dissipation and thermal management
- Injection-moulded ABS reflector with integral ceiling trim with light-tight connection to LED module
- Integrated diffuser grants an optimised uniformity
- Integral Dip-Switches to select one of two power levels, which can be field adjustable (MULTIPOWER models)
- Quick and toolless installation
- Rapid spring-type installation
- All components can be tool-less replaced lately
- Suitable for ceiling tile thickness from 1-25 mm
- Emergency 1h

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]:	1520/1980	**Luminaire lumen output [lm]:**	1150/1496
Luminaire wattage [W]:	11.5/15 W	**Luminous efficacy [lm/W]:**	130
CRI:	80	**Colour temperature [K]:**	4000
Colour / Finishing:	WH-RAL9010 / White RAL9010 / Textured	**IP degree of protection:**	IP20
IP above/below ceiling:	IP20/IP44	**Impact resistance / impact energy:**	IK07 2J xx5
Protection class:	II	**Optic:**	C/EW - Circular Extra-Wide
Beam angle:	2x50°	**Net weight [kg]:**	1.441
Overall diameter [mm]:	190	**Overall height [mm]:**	102
Cut-out diameter [mm]:	Ø 185	**Minimum installation depth [mm]:**	100

Mechanical features

Shape:	Round 150 ≤ x ≤ 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]:	50/60	**Power factor / COS Φ:**	>0.9
Inrush current [A/µs]:	60 / 350	**C10 1.5 mm²:**	16
C16 2.5 mm²:	27	**B10 1.5 mm²:**	10
B16 2.5 mm²:	16		

Installation

Application area:	Indoor lighting	**Mounting type:**	Downlight and spotlight
Min. ambient temperature [°C]:	-5	**Max. ambient temperature [°C]:**	25

Light features

MacAdam:	3	**Lumen maintenance:**	L80B10@50000h
Distribution of light emission:	Direct	**UGR max.:**	22.0

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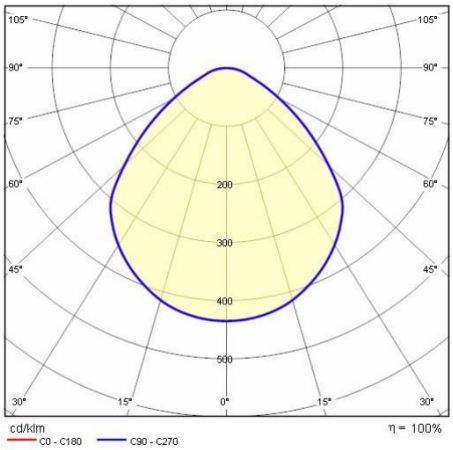
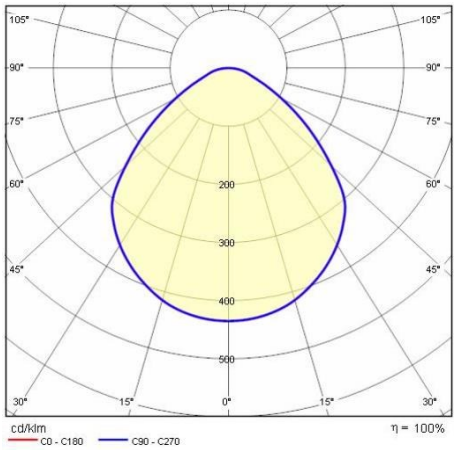
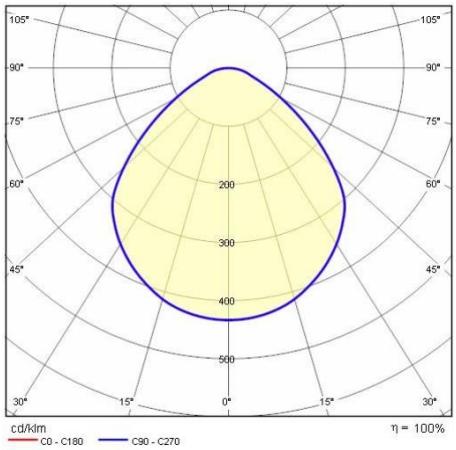
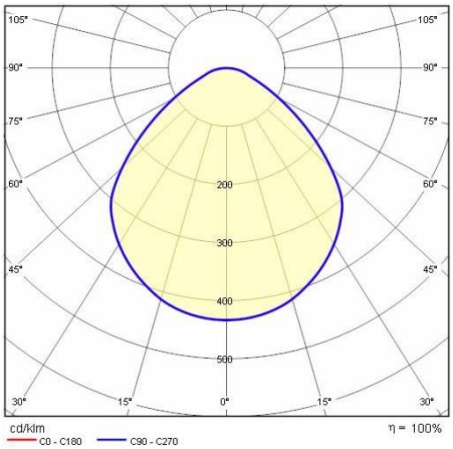
Photometric data









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