

Recessed downlight - Opal diffuser - direct wide distribution

Die-cast aluminium housing for effective passive cooling, lacquered; with fastening springs for tool-free installation, suitable for ceiling thicknesses of 10mm-20mm. Housing colour traffic white RAL 9016; Direct wide light distribution by means of diffused opal diffuser; Integrated LED driver (interchangeable) wired with luminaire as ready to use. Electric connection via 1.0m long connection cable, 4x0.75mm<sup>2</sup>.

## CHARACTERISTICS

Order number	37731106640
EAN number	4020863472987
Commodity code	94051190
Certification mark	IP 44/20, Protection class II, F, Indoor, CE
Impact resistance (IK rating)	IK05 (25°C bis 35°C)
Ambient temperatur	ta 25°C to 35°C
Special properties	Ready for IoT
Warranty period	5 years

## ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	10W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	20 pieces/B10, 30 pieces/B16
Energy efficiency class/light source	D

## LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	1003lm
LED service life	60000h L80/B50 (Tq 25°C), 100000h L70/B50 (Tq 25°C), 50000h L80/B50 (Tq 35°C)
Luminaire luminous efficiency	97lm/W
Beam angle	110°
UGR lat./long.	29.9 / 29.9

## MECHANICS

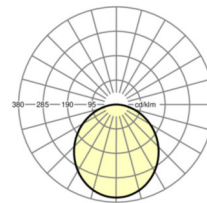
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	125mm x 22mm
Depth	22mm
Ceiling system	cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	110mm
Installation depth	52mm [AD]
Weight (net)	0.32kg
Type of installation	Ceiling installation individual mounting

## Dimensions

H	22 mm	Height
D	125 mm	Diameter
T	22 mm	Depth
DA	110 mm	Cutting dimension diameter
DS min	10 mm	Ceiling thickness minimum
DS max	20 mm	Ceiling thickness maximum
Et(AD)	52 mm	Ceiling distance minimum (cut-out ceiling)
KL	97 mm	Length luminaire head or box for ballasts
KB	43 mm	Width luminaire head or box for ballasts
KH	29 mm	Height luminaire head or box for ballasts

## DEEP-LINK

<https://www.regiolum.de/en/article/37731106640>



Reference	LED 1000lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	29.9 / 29.9

