

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. Electrical connection via 1.0m long connection cable, 2x0.75mm<sup>2</sup>.**CHARACTERISTICS**

Order number	37733104140
EAN number	4020863473052
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
Warranty period	5 years

**ELECTRICAL ENGINEERING**

Controller	Electronic driver (1 pcs.)
System output	27W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	28 pieces/B10, 45 pieces/B16, 42 pieces/C10, 68 pieces/C16
Energy efficiency class/light source	D

**LIGHTING TECHNOLOGY**

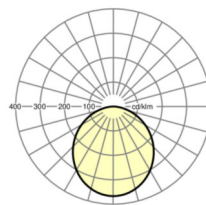
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	2998lm
LED service life	60000h L80/B50 (Tq 25°C), 100000h L70/B50 (Tq 25°C), 50000h L80/B50 (Tq 35°C)
Luminaire luminous efficiency	111lm/W
Beam angle	110°
UGR lat./long.	28.6 / 28.6

**MECHANICS**

Housing colour	traffic white RAL 9016
Dimensions (LxWxD)	225mm x 22mm
Depth	22mm
Ceiling system	cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	210mm
Installation depth	52mm [AD]
Weight (net)	0.75kg
Type of installation	Ceiling installation individual mounting

**Dimensions**

H	22 mm	Height
D	225 mm	Diameter
T	22 mm	Depth
DA	210 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	103 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/37733104140>

Reference	LED 3000lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	28.6 / 28.6

