

Recessed downlight - Single lens/TriZone - direct wide distribution

Housing made of sheet steel with cover ring made of die-cast aluminium painted in RAL 9016 traffic white. With mounting springs for installation without tools, suitable for ceiling thickness of 10mm-25mm. Housing colour traffic white RAL 9016; Light distribution direct wide distribution by means of Single lens/TriZone of plastic, TriZone Lens and Scatter Ring for Nimbus - Light - Effect. Suitable for VDU workstations, 65° < 1000 cd/m² omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.8. External driver with luminaire wired ready for operation. Electrical connection via 0.5m long connection cable, 4x0.5mm². With the Changy-SR accessory refurbishment ring, a ceiling cut-out of 230-300mm is possible.

CHARACTERISTICS

Order number	36510016610
EAN number	4020863476251
Commodity code	94051190
Certification mark	IP 40/20, Protection class II, VDU 65° < 1000, F, HACCP DIN10500/Food/IFS-application-related suitability/BRC, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	ta 25°C
Special properties	Ready for IoT
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

DEEP-LINK

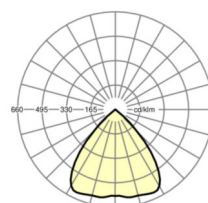
<https://www.regiolum.de/en/article/36510016610>

ELECTRICAL ENGINEERING

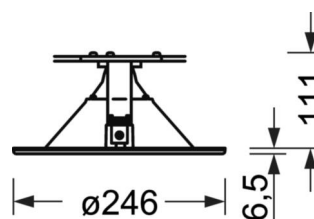
Controller	Electronic driver DALI2 (1 pcs.)
System output	27W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	33 pieces/B10, 55 pieces/B16, 57 pieces/C10, 92 pieces/C16
Energy efficiency class/light source	D

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	3256lm
LED service life	80000h L80/B10 (Tq 25°C/do not cover with insulation wool), 50000h L90/B50 (Tq 25°C/do not cover with insulation wool)
Luminaire luminous efficiency	120lm/W
Beam angle	85°
UGR lat./long.	18.8 / 18.8



Reference	LED 3300lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	18.8 / 18.8
VDU	65° < 1000cd/m²



MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	246mm x 117mm
Depth	110.5mm
Ceiling system	cut-out ceilings [AD], Panel ceiling [PD] (module 100/200)
Ceiling cut-out (LxW/D)	229mm
Installation depth	165mm [AD]
Weight (net)	1.26kg
Type of installation	Ceiling installation individual mounting

Dimensions

H	117 mm	Height
D	246 mm	Diameter
T	110.5 mm	Depth
DA	229 mm	Cutting dimension diameter
DS min	10 mm	Ceiling thickness minimum
DS max	25 mm	Ceiling thickness maximum
Et(AD)	165 mm	Ceiling distance minimum (cut-out ceiling)
KL	137 mm	Length luminaire head or box for ballasts
KB	67 mm	Width luminaire head or box for ballasts
KH	30 mm	Height luminaire head or box for ballasts
