

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. $65^\circ < 1000 \text{ cd/m}^2$ according to current standard DIN-EN 12464-1, UGR (4H/8H) 19.7. External driver with luminaire wired ready for operation. Electrical connection via 0.5m long connection cable, $4 \times 0.5 \text{ mm}^2$. With the Changy-SR accessory refurbishment ring, a ceiling cut-out of 230-300mm is possible.

CHARACTERISTICS

Order number	36510036610
EAN number	4020863477517
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

ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	38W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	12 pieces/B10, 20 pieces/B16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

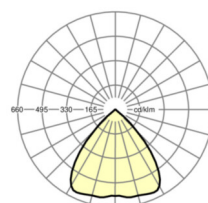
Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 4000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4205lm
LED service life	55000h L80/B10 (Tq 25°C/do not cover with insulation wool)
Luminaire luminous efficiency	110lm/W
Beam angle	85°
UGR lat./long.	19.7 / 19.7

MECHANICS

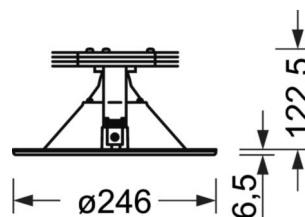
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	246mm x 128.5mm
Depth	122mm
Ceiling system	cut-out ceilings [AD], Panel ceiling [PD] (module 100/200)
Ceiling cut-out (LxW/D)	229mm
Installation depth	165mm [AD]
Weight (net)	1.72kg
Type of installation	Ceiling installation individual mounting

DEEP-LINK

<https://www.regiolum.de/en/article/36510036610>



Reference	LED 4200lm 840
η_{LB}	100 %
$\Phi \downarrow/\uparrow$	100 % / 0 %
UGR lat./long.	19.7 / 19.7
VDU	$65^\circ < 1000 \text{ cd/m}^2$



Dimensions

H	128.5 mm	Height
D	246 mm	Diameter
T	122 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	144 mm	Length luminaire head or box for ballasts
KB	75 mm	Width luminaire head or box for ballasts
KH	25 mm	Height luminaire head or box for ballasts
