

Recessed downlight - Single lens/TriZone - direct narrow/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 narrow/wide distribution by means of Single lens/TriZone of plastic, TriZone Lens and Scatter Ring for Nimbus - Light - Effect. Suitable for VDU workstations,  $65^\circ < 1000 \text{ cd/m}^2$  omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 13.6. 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	36510046620
EAN number	4020863477555
Commodity code	94051190
Certification mark	IP 40/20, Protection class II, $\gamma 65^\circ < 1000 \text{ cd/m}^2$ , F, HACCP DIN10500/Food/IFS-application-related suitability/BRC, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	$t_a 25^\circ\text{C}$
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	D

## LIGHTING TECHNOLOGY

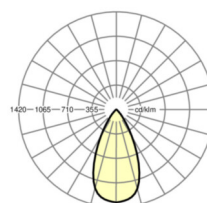
Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 3000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	3498lm
LED service life	55000h L80/B10 ( $T_q 25^\circ\text{C}$ /do not cover with insulation wool)
Luminaire luminous efficiency	92lm/W
Beam angle	$60^\circ$
UGR lat./long.	13.6 / 13.6

## MECHANICS

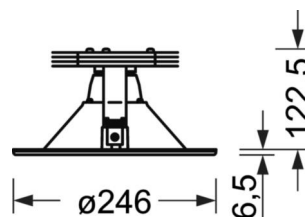
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	246mm x 128.5mm
Depth	122mm
Ceiling system	cut-out ceilings [AD], Panel ceiling [PD] (module 100/200)
Ceiling cut-out (LxW/D)	229mm
Installation depth	165mm [AD]
Weight (net)	1.72kg
Type of installation	Ceiling installation individual mounting

## DEEP-LINK

<https://www.regiolum.de/en/article/36510046620>



Reference	LED 3500lm 830
$\eta_{LB}$	100 %
$\Phi \downarrow/\uparrow$	100 % / 0 %
UGR lat./long.	13.6 / 13.6
VDU	$65^\circ < 1000 \text{ cd/m}^2$



## Dimensions

<b>H</b>	128.5 mm	Height
<b>D</b>	246 mm	Diameter
<b>T</b>	122 mm	Depth
<b>DA</b>	229 mm	Cutting dimension diameter
<b>DS min</b>	10 mm	Ceiling thickness minimum
<b>DS max</b>	25 mm	Ceiling thickness maximum
<b>Et(AD)</b>	165 mm	Ceiling distance minimum (cut-out ceiling)
<b>KL</b>	144 mm	Length luminaire head or box for ballasts
<b>KB</b>	75 mm	Width luminaire head or box for ballasts
<b>KH</b>	25 mm	Height luminaire head or box for ballasts