

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) 12.7. Including adjustable ETM driver wired ready for operation. Electrical connection via 0.5m long connection cable,  $2 \times 0.5 \text{ mm}^2$ . With the Changy-SR accessory refurbishment ring, a ceiling cut-out of 230-300mm is possible.

**CHARACTERISTICS**

Order number	36510104120
EAN number	4020863477388
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	$t_a 25^\circ\text{C}$
Warranty period	5 years

**ELECTRICAL ENGINEERING**

Controller	Electronic multi-lumen driver, 4-steps (1 pcs.)
System output	27W-19W
Mains voltage	230V/50Hz
Energy efficiency class/light source	D

**LIGHTING TECHNOLOGY**

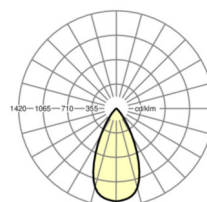
Placement	LED, Colour rendering/Light colour CRI $\geq 80$ / 3000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux/switching steps	2700lm/27W, 2600lm/25W, 2400lm/23W, 2100lm/19W
LED service life	80000h L80/B10 (Tq $25^\circ\text{C}$ /do not cover with insulation wool), 50000h L90/B50 (Tq $25^\circ\text{C}$ /do not cover with insulation wool)
Luminaire luminous efficiency	108lm/W-100lm/W
Beam angle	$60^\circ$
UGR lat./long.	12.7 / 12.7 (27W)

**MECHANICS**

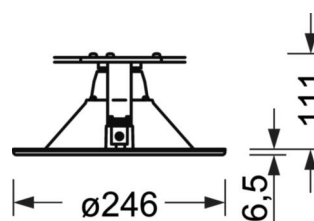
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	246mm x 117mm
Depth	110.5mm
Ceiling system	cut-out ceilings [AD], Panel ceiling [PD] (module 100/200)
Ceiling cut-out (LxW/D)	229mm
Installation depth	165mm [AD]
Weight (net)	1.18kg
Type of installation	Ceiling installation individual mounting

**DEEP-LINK**

<https://www.regiolux.de/en/article/36510104120>



Reference	LED 2700lm/27W 830
$\eta_{LB}$	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	12.7 / 12.7
VDU	$65^\circ < 1000 \text{ cd/m}^2$



## Dimensions

<b>H</b>	117 mm	Height
<b>D</b>	246 mm	Diameter
<b>T</b>	110.5 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>	43 mm	Width luminaire head or box for ballasts
<b>KH</b>	30 mm	Height luminaire head or box for ballasts