

Wall and ceiling light - Micro-prismatic diffuser - direct distribution

Sheet steel enclosure with powder-coated rectangular cross-section, integrated wall mounting plate for easy and quick installation; Housing colour traffic white RAL 9016; Micro prism pane in "multilayer" technology, Light distribution direct distribution by means of Micro-prismatic diffuser of PMMA, à microparalume individuel noir, composante lumineuse indirecte homogène par diffuseur opalin en PMMA. Suitable for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.4. Easy to install connection, directly to the top of the luminaire with a terminal cover cap. Electrical connection via 5-pole connection terminal with plug-in contacts..

CHARACTERISTICS

Order number	65756016170
EAN number	4020863495559
Commodity code	94051190
Certification mark	IP 20, Protection class I, $\gamma 65^\circ < 3000 \text{ cd/m}^2$, ENEC10 VDE, F, Indoor, CE
Impact resistance (IK rating)	IK03
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)

ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	20W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	18 pieces/B10, 28 pieces/B16, 30 pieces/C10, 46 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	2432lm
LED service life	100000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	122lm/W
UGR lat./long.	18.2 / 18.4

MECHANICS

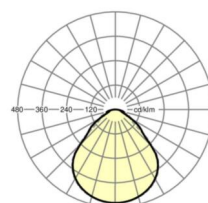
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	648mm x 354mm x 55mm
Weight (net)	3.65kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Wall mounting, Ceiling-mounted single installation

Dimensions

L	648 mm	Length
B	354 mm	Width
H	55 mm	Height
A1	550 mm	Mounting distance single mounting
A4	60 mm	Mounting distance (width)
X	0 mm	Distance cable infeed to the center of the luminaire on the X-axis
Y	0 mm	Distance cable infeed to the center of the luminaire on the Y-axis

DEEP-LINK

<https://www.regiolum.de/en/article/65756016170>



Reference	LED 2400lm 830
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	18.2 / 18.4
VDU	$65^\circ < 3000 \text{ cd/m}^2$

