

Surface-mounted luminaire - Micro-prismatic diffuser bottom / top clear - direct distribution / indirect distribution for ceiling lighting

Ultra-flat luminaire housing design, painted extruded aluminium profile, visible installation height 10/24mm; Housing colour black RAL 9005; Light distribution direct distribution / indirect distribution for ceiling lighting by means of Micro-prismatic diffuser bottom / top clear of PMMA, Long-term UV-resistant, homogeneous light emission through lateral LED light coupling in highly efficient light guide pane and semi-diffuse white reflective layers, with special precision technology for defined ceiling brightening. 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) 16.3. Integrated LED driver design. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts. Ceiling attachment rails required for mounting are included in the scope of delivery.

## CHARACTERISTICS

Order number	46302026174
EAN number	4020863380572
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU $65^\circ < 3000$ , F, 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)

## ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	36W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	12 pieces/B10, 20 pieces/B16, 21 pieces/C10, 33 pieces/C16
Energy efficiency class/light source	C

## LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 3000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4568lm
LED service life	50000h L90/B10 (Tq 25°C)
Luminaire luminous efficiency	128lm/W
UGR lat./long.	16.3 / 15.8

## MECHANICS

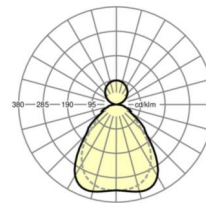
Housing colour	black RAL 9005
Dimensions (LxWxDxH)	1250mm x 321mm x 39mm
Weight (net)	4.75kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation

## Dimensions

L	1250 mm	Length
B	321 mm	Width
H	39 mm	Height
A1	900 mm	Mounting distance single mounting
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.regiolux.de/en/article/46302026174>



Reference	LED 4600lm 830
$\eta_{LB}$	100 %
$\Phi_{\downarrow/\uparrow}$	74 % / 26 %
UGR lat./long.	16.3 / 15.8
VDU	$65^\circ < 3000\text{cd/m}^2$

