

Surface-mounted luminaire - Micro-prismatic diffuser - direct distribution / indirect distribution for ceiling lighting - homogeneous light output through LED edge light injection

Ultra-flat luminaire housing, extruded aluminium profile, naturally anodised, visible installation height 30 mm; end faces and side parts made of naturally anodised aluminium with continuous longitudinal groove, rounded towards the bottom of the luminaire. Housing colour natural anodised aluminium; Light distribution direct distribution / indirect distribution for ceiling lighting by means of Micro-prismatic diffuser of PMMA, homogeneous light emission through lateral LED light coupling and fitted aluminium reflector in a highly reflective white coating, with micro-perforation for a moderate ceiling illumination. 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) 18.2. Integrated LED driver design. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts. Ceiling mounting brackets for simple clip assembly are included in the scope of delivery.

CHARACTERISTICS

Order number	43321016675
EAN number	4020863305407
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU $65^\circ < 3000$, F, Indoor, CE
Impact resistance (IK rating)	IK03
Ambient temperatur	ta 25°C
Special properties	Ready for IoT
Warranty period	5 years

ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	44W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 24 pieces/B16, 25 pieces/C10, 40 pieces/C16
Energy efficiency class/light source	B

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 4000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4895lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	112lm/W
UGR lat./long.	18.1 / 18.2

MECHANICS

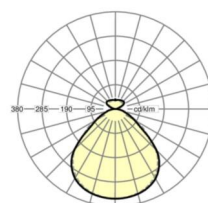
Housing colour	natural anodised aluminium
Dimensions (LxWxH/DxH)	1199mm x 330mm x 42mm
Weight (net)	7.6kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation

Dimensions

L	1199 mm	Length
B	330 mm	Width
H	42 mm	Height
A1	700 mm	Mounting distance single mounting
A4	230 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.regiolux.de/en/article/43321016675>



Reference	LED 4900lm 840
η_{LB}	100 %
$\Phi \downarrow/\uparrow$	84 % / 16 %
UGR lat./long.	18.1 / 18.2
VDU	$65^\circ < 3000\text{cd/m}^2$



