

Surface-mounted luminaire - Micro-prismatic diffuser - direct distribution

Sheet steel housing, rectangular cross section; Housing colour traffic white RAL 9016; Light distribution direct distribution by means of Micro-prismatic diffuser of acrylic glass, with natural anodised aluminium frame; neutral white light colour (840) with very good colour consistency and high colour rendering Ra>80. Suitable for VDU workstations, 65° < 3000 cd/m<sup>2</sup> omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.8. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts; With changeover converter for emergency lighting operation on request.

**CHARACTERISTICS**

Order number	62000016650
EAN number	4020863289813
Commodity code	94051190
Certification mark	IP 54, Protection class I, VDU 65°<3000, F, HACCP DIN10500/Food/IFS-application-related suitability/BRC, 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)

**DEEP-LINK**

<https://www.regiolum.de/en/article/62000016650>

**ELECTRICAL ENGINEERING**

Controller	Electronic driver DALI2 (1 pcs.)
System output	31W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 21 pieces/B16, 21 pieces/C10, 35 pieces/C16
Energy efficiency class/light source	C

**LIGHTING TECHNOLOGY**

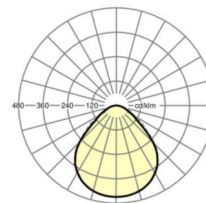
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	5116lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	165lm/W
UGR lat./long.	18.4 / 18.8

**MECHANICS**

Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	665mm x 654mm x 90mm
Weight (net)	7.9kg
Cable entry KE (X/Y)	0mm/15mm
Type of installation	Ceiling-mounted single installation

**Dimensions**

L	665 mm	Length
B	654 mm	Width
H	90 mm	Height
A1	400 mm	Mounting distance single mounting
A4	400 mm	Mounting distance (width)
X	0 mm	Distance cable infeed to the center of the luminaire on the X-axis
Y	15 mm	Distance cable infeed to the center of the luminaire on the Y-axis



Reference	LED 5000lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	18.4 / 18.8
VDU	65° < 3000cd/m <sup>2</sup>

