

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 silver grey/white aluminium RAL 9006; Direct/indirect light distribution, direct share by means of a microprism made of PMMA, homogeneous light emission through lateral LED light coupling in Light Guide panel and semi-diffuse, reflective white coating, with special decoupling technology for defined ceiling illumination; for VDU workstations, omnidirectional glare reduction according to the current norm DIN-EN 12464-1. Integrated LED driver design. Electrical connection via 3-pole connection terminal with plug-in contacts.. Ceiling attachment rails required for mounting are included in the scope of delivery.

## CHARACTERISTICS

Order number	46302014175
EAN number	4020863378050
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU 65° < 3000, F, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	ta 25°C
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

## ELECTRICAL ENGINEERING

Controller	Electronic driver (1 pcs.)
System output	36W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	15 pieces/B10, 25 pieces/B16, 26 pieces/C10, 42 pieces/C16
Energy efficiency class/light source	B

## LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4938lm
LED service life	50000h L90/B10 (Tq 25°C)
Luminaire luminous efficiency	138lm/W
UGR lat./long.	16.5 / 16.1

## MECHANICS

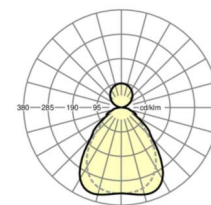
Housing colour	silver grey/white aluminium RAL 9006
Dimensions (LxWxDxH)	1250mm x 321mm x 39mm
Weight (net)	4.75kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation

## 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.regiolum.de/en/article/46302014175>



Reference	LED 4900lm 840
ηLB	100 %
Φ ↓/↑	74 % / 26 %
UGR lat./long.	16.5 / 16.1
VDU	65° < 3000cd/m²

