

Suspended luminaire/light run feed luminaire - Micro-prismatic diffuser - direct/indirect distribution

Powder-coated steel sheet enclosure; rectangular cross section; Housing colour silver grey/white aluminium RAL 9006; Micro prism pane in "multilayer" technology, Light distribution direct/indirect distribution by means of Micro-prismatic diffuser of PMMA, Homogeneous light distribution; glare reduction through micro prism pane with special "multilayer" technology and optimised light deflecting foil; 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. Electrical connection via integrated transparent connection cable $5 \times 0.75 \text{ mm}^2$, length 1900mm, stripped cable ends. Complete height-adjustable suspension set included in the scope of delivery.

CHARACTERISTICS

Order number	65723066175
EAN number	4020863479474
Commodity code	94051190
Certification mark	IP 20, Protection class I, $\gamma 65^\circ < 3000 \text{ cd/m}^2$, F, Indoor, CE
Impact resistance (IK rating)	IK03
Ambient temperatur	$t_a 25^\circ\text{C}$
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 DALI (1 pcs.)
Light Control	netlife flex55
System output	38W
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	C

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour $\text{CRI} \geq 80 / 4000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	5111lm
LED service life	70000h L80/B10 ($T_q 25^\circ\text{C}$), 50000h L90/B50 ($T_q 25^\circ\text{C}$)
Luminaire luminous efficiency	136lm/W
UGR lat./long.	16.0 / 16.3

MECHANICS

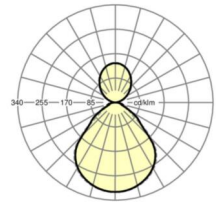
Housing colour	silver grey/white aluminium RAL 9006
Dimensions (LxWxH/DxH)	1248mm x 239mm x 55mm
Weight (net)	7.1kg
Type of installation	Pendant individual mounting, Pendant light strip mounting

Dimensions

L	1248 mm	Length
B	239 mm	Width
H	55 mm	Height
A1	1000 mm	Mounting distance single mounting
A2	1123 mm	Mounting distance 1st luminaire of the light run
A3	1248 mm	Mounting distance between luminaires in a light run arrangement
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

DEEP-LINK

<https://www.regiolux.de/en/article/65723066175>



Reference	LED 5100lm 840
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	67 % / 33 %
UGR lat./long.	16.0 / 16.3
VDU	$65^\circ < 3000 \text{ cd/m}^2$

