

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) 16.1. 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	65723016175
EAN number	4020863479436
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU $65^\circ < 3000$ , ENEC10 VDE, 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 DALI2 (1 pcs.)
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 $\text{CRI} \geq 80 / 3000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	4816lm
LED service life	70000h L80/B10 ( $T_q 25^\circ\text{C}$ ), 50000h L90/B50 ( $T_q 25^\circ\text{C}$ )
Luminaire luminous efficiency	128lm/W
UGR lat./long.	15.8 / 16.1

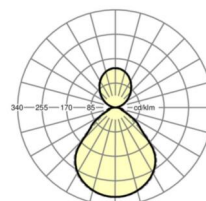
## MECHANICS

Housing colour	silver grey/white aluminium RAL 9006
Dimensions (LxWxH/DxH)	1248mm x 239mm x 55mm
Weight (net)	7kg
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.regiolum.de/en/article/65723016175>


Reference	LED 4800lm 830
$\eta_{\text{LB}}$	100 %
$\Phi_{\downarrow/\uparrow}$	67 % / 33 %
UGR lat./long.	15.8 / 16.1
VDU	$65^\circ < 3000 \text{ cd/m}^2$

