

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

Sheet steel enclosure; rectangular cross-section; including luminaire connectors made of steel; Housing colour traffic white RAL 9016; 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 5-pole connection terminal in plug contact technology suitable for through-wiring. Luminaire can only be operated in conjunction with an individual luminaire. SAY-DS suspension and luminaire connector are also included in the scope of delivery. For a light run arrangement, an AVHI initial luminaire with integrated canopy is required for the electrical connection.

CHARACTERISTICS

Order number	65733026170
EAN number	4020863479382
Commodity code	94051190
Certification mark	IP 20, Protection class I, $\gamma 65^\circ < 3000 \text{ cd/m}^2$, ENEC10 VDE, F, 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)

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 CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	5111lm
LED service life	70000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	136lm/W
UGR lat./long.	16.0 / 16.3

MECHANICS

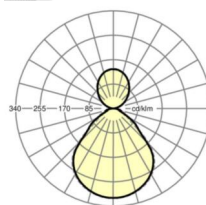
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	1248mm x 239mm x 55mm
Weight (net)	7.1kg
Type of installation	Pendant light strip mounting

Dimensions

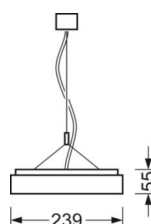
L	1248 mm	Length
B	239 mm	Width
H	55 mm	Height
A1	1000 mm	Mounting distance single mounting
A2	1123 mm	Mounting distance 1st luminaire of the light run
A3	1248 mm	Mounting distance between luminaires in a light run arrangement
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

DEEP-LINK

<https://www.regiolum.de/en/article/65733026170>



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



- ① Pendel-Einzelleuchte / Suspended individual luminaire
② Pendel-Lichtband / Suspended light run

