

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

Ultra-flat luminaire housing design, painted extruded aluminium profile, visible installation height 10/24mm; Housing colour silver grey/white aluminium RAL 9006; Light distribution direct/indirect distribution by means of Micro-prismatic diffuser 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. 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) 16.8. Integrated LED driver design. Electrical connection via integrated transparent connection cable $3 \times 0.75 \text{ mm}^2$, length 1900mm, stripped cable ends. Komplettes höhenverstellbares Pendel-Set im Lieferumfang enthalten.

CHARACTERISTICS

Order number	46205024175
EAN number	4020863378265
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)	IK02
Ambient temperatur	$t_a 25^\circ\text{C}$
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	48W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	8 pieces/B10, 13 pieces/B16, 13 pieces/C10, 21 pieces/C16
Energy efficiency class/light source	D

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 3000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	5932lm
LED service life	50000h L90/B10 ($T_q 25^\circ\text{C}$)
Luminaire luminous efficiency	125lm/W
UGR lat./long.	16.8 / 16.1

MECHANICS

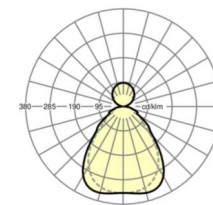
Housing colour	silver grey/white aluminium RAL 9006
Dimensions (LxWxH/DxH)	1558mm x 321mm x 24mm
Weight (net)	6kg
Type of installation	Pendant individual mounting, Pendant light strip mounting

Dimensions

L	1558 mm	Length
B	321 mm	Width
H	24 mm	Height
A1	900 mm	Mounting distance single mounting
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

DEEP-LINK

<https://www.regiolux.de/en/article/46205024175>



Reference	LED 5900lm 830
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	74 % / 26 %
UGR lat./long.	16.8 / 16.1
VDU	$65^\circ < 3000 \text{ cd/m}^2$

