

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

Ultra-flat luminaire housing design, painted extruded aluminium profile, visible installation height 10/24mm, prepared for light run installation; Housing colour black RAL 9005; 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. Electrical connection via start luminaire with 5-pin connection cable and light-run luminaires with through-wiring. Luminaire can only be operated in conjunction with a single luminaire. Y-wire suspension and luminaire connector are included in the scope of delivery. Suspension set with a canopy and integrated light control available separately on request.

CHARACTERISTICS

Order number	46255026174
EAN number	4020863380770
Commodity code	94051190
Certification mark	IP 20, Protection class I, γ $65^\circ < 3000 \text{ cd/m}^2$, F, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	t_a 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	48W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	12 pieces/B10, 20 pieces/B16, 21 pieces/C10, 33 pieces/C16
Energy efficiency class/light source	D

LIGHTING TECHNOLOGY

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

MECHANICS

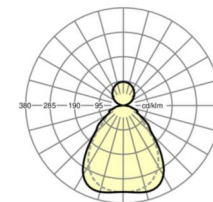
Housing colour	black RAL 9005
Dimensions (LxWxDxH)	1558mm x 321mm x 24mm
Weight (net)	5.9kg
Type of installation	Pendant light strip mounting

Dimensions

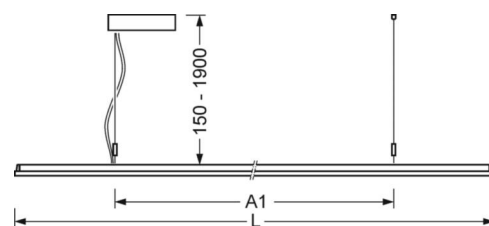
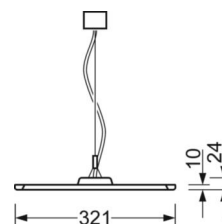
L	1558 mm	Length
B	321 mm	Width
H	24 mm	Height
A1	900 mm	Mounting distance single mounting
A2	1237 mm	Mounting distance 1st luminaire of the light run
A3	1574 mm	Mounting distance between luminaires in a light run arrangement
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

DEEP-LINK

<https://www.regiolum.de/en/article/46255026174>



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





① Pendel-Einzelleuchte / Suspended individual luminaire

② Pendel-Lichtband / Suspended light run