

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 traffic white RAL 9016; Direct/indirect light distribution, direct share by means of a microprism made 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, omnidirectional glare reduction according to the current norm DIN-EN 12464-1. 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 as accessories.

CHARACTERISTICS

Order number	46255026170
EAN number	4020863378524
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU 65° < 3000, F, Indoor, CE
Impact resistance (IK rating)	IK02
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	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 ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	5932lm
LED service life	50000h L90/B10 (Tq 25°C)
Luminaire luminous efficiency	125lm/W
UGR lat./long.	16.8 / 16.1

MECHANICS

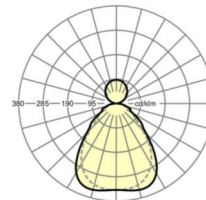
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	1558mm x 321mm x 24mm
Weight (net)	5.9kg
Type of installation	Pendant light strip mounting

Dimensions

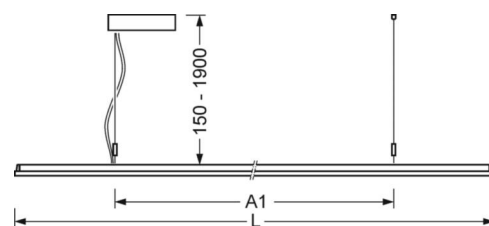
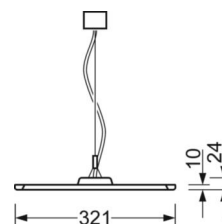
L	1558 mm	Length
B	321 mm	Width
H	24 mm	Height
A1	900 mm	Mounting distance single mounting
A2	1237 mm	Mounting distance 1st luminaire of the light run
A3	1574 mm	Mounting distance between luminaires in a light run arrangement
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

DEEP-LINK

<https://www.regiolux.de/en/article/46255026170>



Reference	LED 5900lm 830
ηLB	100 %
Φ ↓/↑	74 % / 26 %
UGR lat./long.	16.8 / 16.1
VDU	65° < 3000cd/m²





① Pendel-Einzelleuchte / Suspended individual luminaire

② Pendel-Lichtband / Suspended light run