

Pendant luminaire - Micro-prismatic diffuser - direct/indirect distribution - homogeneous light output through LED edge light injection

Ultra-flat luminaire housing, extruded aluminium profile, naturally anodised, visible installation height 30 mm; end faces and side parts made of naturally anodised aluminium with continuous longitudinal groove, rounded towards the bottom of the luminaire. Housing colour natural anodised aluminum; Light distribution direct/indirect distribution by means of Micro-prismatic diffuser of PMMA, homogeneous light emission through lateral LED light coupling and overlying aluminium reflector with highly reflective white coating, with micro-perforation for the indirect light component. Suitable for VDU workstations, 65° < 3000 cd/m² omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.2. Integrated LED driver design. Electrical connection via integrated transparent connection cable 3x0.75mm², length 1900mm, stripped cable ends. Y-wire suspensions and a ceiling canopy of extruded aluminium profile, with silver grey coated plastic end faces are included in scope of delivery.

CHARACTERISTICS

Order number	43221014175
EAN number	4020863304363
Commodity code	94051190
Certification mark	IP 20, Protection class I, γ 65° < 3000 cd/m ² , F, Indoor, CE
Impact resistance (IK rating)	IK03
Ambient temperatur	ta 25°C
Warranty period	5 years

ELECTRICAL ENGINEERING

Controller	Electronic driver (1 pcs.)
System output	44W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	16 pieces/B10, 26 pieces/B16, 27 pieces/C10, 43 pieces/C16
Energy efficiency class/light source	B

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI \geq 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4895lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	112lm/W
UGR lat./long.	18.1 / 18.2

MECHANICS

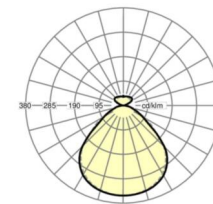
Housing colour	natural anodised aluminum
Dimensions (LxWxH/DxH)	1199mm x 330mm x 30mm
Weight (net)	6.3kg
Type of installation	Pendant individual mounting

Dimensions

L	1199 mm	Length
B	330 mm	Width
H	30 mm	Height
A1	700 mm	Mounting distance single mounting
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

DEEP-LINK

<https://www.regiolum.de/en/article/43221014175>



Reference	LED 4900lm 840
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	84 % / 16 %
UGR lat./long.	18.1 / 18.2
VDU	65° < 3000cd/m ²

