

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, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.3. Integrated LED driver design. Electrical connection via integrated transparent connection cable $5 \times 0.75 \text{ mm}^2$, 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. Complete height-adjustable suspension set with canopy and integrated light control available separately as accessories.

CHARACTERISTICS

Order number	43251026675
EAN number	4020863304509
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)	IK03
Ambient temperatur	ta 25°C
Special properties	Ready for IoT
Warranty period	5 years

ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	55W
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 $\geq 80 / 4000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	6295lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	115lm/W
UGR lat./long.	18.2 / 18.3

MECHANICS

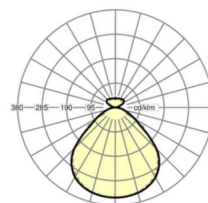
Housing colour	natural anodised aluminum
Dimensions (LxWxH/DxH)	1480mm x 330mm x 30mm
Weight (net)	7.9kg
Type of installation	Pendant individual mounting

Dimensions

L	1480 mm	Length
B	330 mm	Width
H	30 mm	Height
A1	863 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/43251026675>



Reference	LED 6300lm 840
η_{LB}	100 %
$\Phi \downarrow / \uparrow$	84 % / 16 %
UGR lat./long.	18.2 / 18.3
VDU	$65^\circ < 3000 \text{ cd/m}^2$

