

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) 17.3. Two integrated DALI LED drivers device type 8 (DT8). Electrical connection via integrated transparent connection cable 5x0.75 mm², length 2300mm, 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. DALI control units must be ordered separately. Luminaire with Tunable White continuously adjustable colour temperatures, for implementing human-centric daylight simulations (HCL).

CHARACTERISTICS

Order number	43254026975
EAN number	4020863329588
Commodity code	94051190
Certification mark	IP 20, Protection class I, γ 65° < 3000 cd/m ² , F, HCL, 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 DALI device type 8 (1 pcs.)
System output	55W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	7 pieces/B10, 11 pieces/B16, 11 pieces/C10, 18 pieces/C16
Energy efficiency class/light source	E

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI \geq 90 / 2700K-6500K continuously adjustable
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4680lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	85lm/W
UGR lat./long.	17.1 / 17.3

MECHANICS

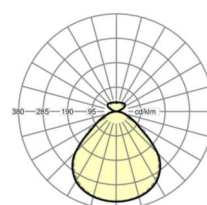
Housing colour	natural anodised aluminum
Dimensions (LxWxDxH)	1480mm x 330mm x 30mm
Weight (net)	9.1kg
Type of installation	Pendant individual mounting

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.regiolum.de/en/article/43254026975>



Reference	LED 4700lm 927-965
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	84 % / 16 %
UGR lat./long.	17.1 / 17.3
VDU	65° < 3000cd/m ²

