

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; Direct/indirect light distribution, direct component using microprism made 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; for workstations, omnidirectional glare reduction according to the current DIN-EN 12464-1 standard.

Two integrated DALI LED drivers device type 8 (DT8). Electrical connection via integrated transparent connection cable 5x0.75mm², 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. 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	43224016975
EAN number	4020863329571
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU 65°<3000, 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	45W
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 ≥ 90 / 2700K-6500K continuously adjustable
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	3710lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	82lm/W
UGR lat./long.	17.1 / 17.3

MECHANICS

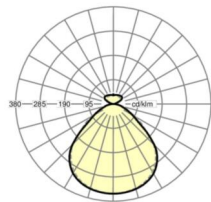
Housing colour	natural anodised aluminum
Dimensions (LxWxH/DxH)	1199mm x 330mm x 30mm
Weight (net)	7.6kg
Type of installation	Pendant individual mounting

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.regiolux.de/en/article/43224016975>



Reference	LED 3700lm 927-965
ηLB	100 %
Φ ↓/↑	84 % / 16 %
UGR lat./long.	17.1 / 17.3
VDU	65° < 3000cd/m²

