

Pendant luminaire - Micro-prismatic diffuser - direct/indirect distribution - with edge brightening

Extremely flat luminaire housing, designed by BUSSE Design+Engineering GmbH, extruded aluminium profile, natural anodised, visible installation height 23 mm; rounded natural anodised aluminium end faces, high stability due to cross braces made of stainless steel; Housing colour natural anodised aluminium; Direct/indirect light distribution, direct component via PMMA microprismatic pane, indirect component and longitudinally structured and luminous sides via cover made of satinised polycarbonate film as dust protection, high luminous flux with direct and indirect component in lumen ratio 2:1, warm white (927) to daylight white (965) light colour in direct and indirect component in indirect component with very good colour consistency and high Ra > 90; colour rendering; for VDU workstations, 65° < 3000cd/m² omnidirectional glare reduction according to current DIN-EN 12464-1 standard; Two integrated DALI LED drivers device type 8 (DT8), dimmable separately for direct and indirect component via DALI protocol. Electrical connection via integrated transparent connection cable 5x0.75mm², length 1900mm, stripped cable ends. Y-wire suspension with translucent connection cable and ceiling canopy included in the scope of delivery DALI control or complete height-adjustable suspension set with canopy and integrated light control available separately as accessories. Luminaire with tunable white, continuously adjustable colour temperatures, to implement Human Centric Lighting (HCL) daylight simulations.

**CHARACTERISTICS**

Order number	42175706970
EAN number	402086332083
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 (2 pcs.)
Wiring	5x0.75mm²
System output	63W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 22 pieces/B16, 21 pieces/C10, 36 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	7033lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	113lm/W
UGR lat./long.	15.6 / 16.4

**MECHANICS**

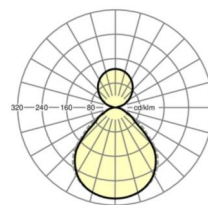
Housing colour	natural anodised aluminum
Dimensions (LxWxDxH)	1122mm x 309mm x 41mm
Weight (net)	5kg
Type of installation	Pendant individual mounting

**Dimensions**

L	1122 mm	Length
B	309 mm	Width
H	41 mm	Height
A1	750 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/42175706970>



Reference	LED 7000lm 927-965
ηLB	100 %
Φ ↓/↑	66 % / 34 %
UGR lat./long.	15.6 / 16.4
VDU	65° < 3000cd/m²

