

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; Light distribution direct/indirect distribution by means of Micro-prismatic diffuser of PMMA, Indirect component and longitudinally structured and luminous sides via cover made of frosted polycarbonate foil as dust protection, high luminous flux with direct and indirect component in lumen ratio 2:1; neutral white light colour (830) in direct and indirect component with very good colour consistency and high colour rendering $R_a > 80$. 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) 16.4. 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 $5 \times 0.75 \text{ mm}^2$, 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, γ $65^\circ < 3000 \text{ cd/m}^2$, F, HCL, Indoor, CE
Impact resistance (IK rating)	IK03
Ambient temperatur	t_a 25°C
Special properties	Ready for IoT
Warranty period	5 years

ELECTRICAL ENGINEERING

Controller	Electronic driver DALI device type 8 (2 pcs.)
Wiring	$5 \times 0.75 \text{ mm}^2$
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 (T_q 25°C)
Luminaire luminous efficiency	113lm/W
UGR lat./long.	15.6 / 16.4

MECHANICS

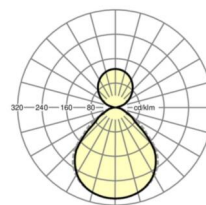
Housing colour	natural anodised aluminum
Dimensions (LxWxDxH)	1122mm x 309mm x 41mm
Weight (net)	5kg
Type of installation	Pendant individual mounting

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.regiolux.de/en/article/42175706970>



Reference	LED 7000lm 927-965
η_{LB}	100 %
$\Phi \downarrow / \uparrow$	66 % / 34 %
UGR lat./long.	15.6 / 16.4
VDU	$65^\circ < 3000 \text{ cd/m}^2$

