

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 using micro-prismatic diffuser made 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 (840) in direct and indirect component with very good colour consistency and high colour rendering $R_a > 80$; for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare suppression according to current DIN EN 12464-1 standard; Two integrated DALI LED drivers, 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.

CHARACTERISTICS

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|-------------------------------|--|
| Order number | 42161416670 |
| EAN number | 4020863289639 |
| Commodity code | 94051190 |
| Certification mark | IP 20, Protection class I, VDU 65° < 3000, F, Indoor, CE |
| Impact resistance (IK rating) | IK03 |
| Ambient temperatur | ta 25°C |
| Special properties | Ready for IoT |
| Warranty period | 5 years |
| State funding programs | BEG - Federal funding for efficient buildings (valid only for Germany) |

ELECTRICAL ENGINEERING

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|--------------------------------------|--|
| Controller | Electronic driver DALI2 (2 pcs.) |
| Wiring | 5x0.75mm ² |
| System output | 56W |
| 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

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|-------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K+4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 8898lm |
| LED service life | 50000h L80/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 159lm/W |
| UGR lat./long. | 15.5 / 16.3 |

MECHANICS

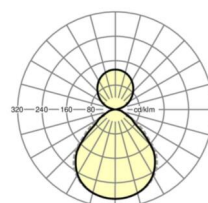
| | |
|------------------------|-----------------------------|
| Housing colour | natural anodised aluminum |
| Dimensions (LxWxH/DxH) | 1394mm x 309mm x 41mm |
| Weight (net) | 5.4kg |
| Type of installation | Pendant individual mounting |

Dimensions

| | | |
|-------|---------|-----------------------------------|
| L | 1394 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/42161416670>



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|----------------|-----------------------------|
| Reference | LED 8900lm 840/840 |
| ηLB | 100 % |
| Φ ↓/↑ | 65 % / 35 % |
| UGR lat./long. | 15.5 / 16.3 |
| VDU | 65° < 3000cd/m ² |

