

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 5x0.75mm², 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

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|-------------------------------|---|
| Order number | 43224016975 |
| EAN number | 4020863329571 |
| 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

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|--------------------------------------|---|
| 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

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|-------------------------------|--|
| Placement | LED, Colour rendering/Light colour CRI \geq 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

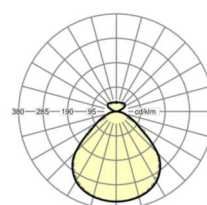
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|----------------------|-----------------------------|
| Housing colour | natural anodised aluminum |
| Dimensions (LxWxDxH) | 1199mm x 330mm x 30mm |
| Weight (net) | 7.6kg |
| Type of installation | Pendant individual mounting |

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.regiolum.de/en/article/43224016975>



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|------------------------------|-----------------------------|
| Reference | LED 3700lm 927-965 |
| η_{LB} | 100 % |
| $\Phi \downarrow / \uparrow$ | 84 % / 16 % |
| UGR lat./long. | 17.1 / 17.3 |
| VDU | 65° < 3000cd/m ² |

