

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, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.3. Integrated LED driver design. Electrical connection via integrated transparent connection cable $3 \times 0.75 \text{ mm}^2$, 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.

CHARACTERISTICS

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|-------------------------------|--|
| Order number | 43251024175 |
| EAN number | 4020863304462 |
| Commodity code | 94051190 |
| Certification mark | IP 20, Protection class I, γ $65^\circ < 3000 \text{ cd/m}^2$, F, Indoor, CE |
| Impact resistance (IK rating) | IK03 |
| Ambient temperatur | t_a 25°C |
| Warranty period | 5 years |

ELECTRICAL ENGINEERING

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| Controller | Electronic driver (1 pcs.) |
| System output | 55W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 16 pieces/B10, 26 pieces/B16, 27 pieces/C10, 43 pieces/C16 |
| Energy efficiency class/light source | B |

LIGHTING TECHNOLOGY

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| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 6295lm |
| LED service life | 50000h L80/B10 (T_q 25°C) |
| Luminaire luminous efficiency | 115lm/W |
| UGR lat./long. | 18.2 / 18.3 |

MECHANICS

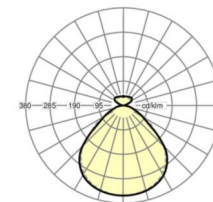
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|------------------------|-----------------------------|
| Housing colour | natural anodised aluminum |
| Dimensions (LxWxH/DxH) | 1480mm x 330mm x 30mm |
| Weight (net) | 7.8kg |
| Type of installation | Pendant individual mounting |

Dimensions

| | | |
|-------|---------|-----------------------------------|
| L | 1480 mm | Length |
| B | 330 mm | Width |
| H | 30 mm | Height |
| A1 | 863 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/43251024175>



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|------------------------------|----------------------------------|
| Reference | LED 6300lm 840 |
| η_{LB} | 100 % |
| $\Phi_{\downarrow/\uparrow}$ | 84 % / 16 % |
| UGR lat./long. | 18.2 / 18.3 |
| VDU | $65^\circ < 3000 \text{ cd/m}^2$ |

