

Surface-mounted luminaire - Micro-prismatic diffuser bottom / top clear - direct distribution / indirect distribution for ceiling lighting

Ultra-flat luminaire housing design, painted extruded aluminium profile, visible installation height 10/24mm; Housing colour black RAL 9005; Direct/indirect light distribution, direct share by means of a microprism made of PMMA, homogeneous light emission through lateral LED light coupling in Light Guide panel and semi-diffuse, reflective white coating, with special decoupling technology for defined ceiling illumination; for VDU workstations, omnidirectional glare reduction according to the current norm DIN-EN 12464-1. Integrated LED driver design. Electrical connection via 3-pole connection terminal with plug-in contacts.. Ceiling attachment rails required for mounting are included in the scope of delivery.

CHARACTERISTICS

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|-------------------------------|--|
| Order number | 46302024174 |
| EAN number | 4020863380558 |
| Commodity code | 94051190 |
| Certification mark | IP 20, Protection class I, VDU 65° < 3000, F, Indoor, CE |
| Impact resistance (IK rating) | IK02 |
| Ambient temperatur | ta 25°C |
| 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 (1 pcs.) |
| System output | 36W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 15 pieces/B10, 25 pieces/B16, 26 pieces/C10, 42 pieces/C16 |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

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|-------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 3000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 4568lm |
| LED service life | 50000h L90/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 128lm/W |
| UGR lat./long. | 16.3 / 15.8 |

MECHANICS

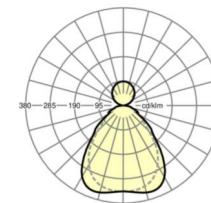
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|------------------------|-------------------------------------|
| Housing colour | black RAL 9005 |
| Dimensions (LxWxH/DxH) | 1250mm x 321mm x 39mm |
| Weight (net) | 4.75kg |
| Cable entry KE (X/Y) | 0mm/0mm |
| Type of installation | Ceiling-mounted single installation |

Dimensions

| | | |
|----|---------|--|
| L | 1250 mm | Length |
| B | 321 mm | Width |
| H | 39 mm | Height |
| A1 | 900 mm | Mounting distance single mounting |
| X | 0 mm | Distance cable infeed to the center of the luminaire on the X-axis |
| Y | 0 mm | Distance cable infeed to the center of the luminaire on the Y-axis |

DEEP-LINK

<https://www.regiolux.de/en/article/46302024174>



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|----------------|-----------------|
| Reference | LED 4600lm 830 |
| ηLB | 100 % |
| Φ ↓/↑ | 74 % / 26 % |
| UGR lat./long. | 16.3 / 15.8 |
| VDU | 65° < 3000cd/m² |

