

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 traffic white RAL 9016; Light distribution direct distribution / indirect distribution for ceiling lighting by means of Micro-prismatic diffuser bottom / top clear of PMMA, Long-term UV-resistant, homogeneous light emission through lateral LED light coupling in highly efficient light guide pane and semi-diffuse white reflective layers, with special precision technology for defined ceiling brightening. 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) 16.3. Integrated LED driver design. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts. Ceiling attachment rails required for mounting are included in the scope of delivery.

CHARACTERISTICS

| | |
|-------------------------------|--|
| Order number | 46302026170 |
| EAN number | 4020863378166 |
| Commodity code | 94051190 |
| Certification mark | IP 20, Protection class I, VDU $65^\circ < 3000$, F, Indoor, CE |
| Impact resistance (IK rating) | IK02 |
| 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

| | |
|--------------------------------------|--|
| Controller | Electronic driver DALI2 (1 pcs.) |
| System output | 36W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 12 pieces/B10, 20 pieces/B16, 21 pieces/C10, 33 pieces/C16 |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

| | |
|-------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI $\geq 80 / 3000\text{K}$ |
| 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

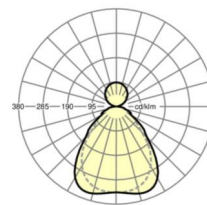
| | |
|----------------------|-------------------------------------|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxDxH) | 1250mm x 321mm x 39mm |
| Weight (net) | 4.75kg |
| Cable entry KE (X/Y) | 0mm/0mm |
| Type of installation | Ceiling-mounted single installation |

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/46302026170>



| | |
|------------------------------|--------------------------------|
| Reference | LED 4600lm 830 |
| η_{LB} | 100 % |
| $\Phi_{\downarrow/\uparrow}$ | 74 % / 26 % |
| UGR lat./long. | 16.3 / 15.8 |
| VDU | $65^\circ < 3000\text{cd/m}^2$ |

