

Surface-mounted luminaire - Micro-prismatic diffuser - direct distribution

Steel sheet enclosure, powder-coated rectangular cross-section, integrated Quicklock quick-mount bracket system with catch hook and safety rope for simple and quick mounting; Housing colour traffic white RAL 9016; Micro prism pane in "multilayer" technology, Light distribution direct distribution by means of Micro-prismatic diffuser of PMMA, Homogeneous light distribution; glare reduction through micro prism pane with special "multilayer" technology and optimised light deflecting foil. 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) 18.5. Easy installation of the connection, directly on the top of the luminaire with a terminal cover cap. Electrical connection via 5-pole connection terminal with plug-in contacts.. If required, an AVA-MH universal mounting aid is available as an accessory. Surface-mounted luminaire for ceiling installation;

CHARACTERISTICS

| | |
|-------------------------------|--------------------------------------------------------------------------------------|
| Order number | 65714056170 |
| EAN number | 4020863479108 |
| 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 | 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 DALI (1 pcs.) |
| Light Control | netlife flex55 |
| System output | 37W |
| 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

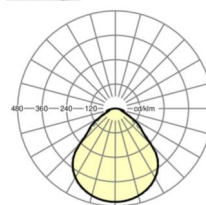
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|------------------------------------|-------------------------------------------------------------|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 3000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Photobiological safety (Luminaire) | RG0 |
| Nominal luminous flux | 4949lm |
| LED service life | 100000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C) |
| Luminaire luminous efficiency | 132lm/W |
| UGR lat./long. | 18.3 / 18.5 |

MECHANICS

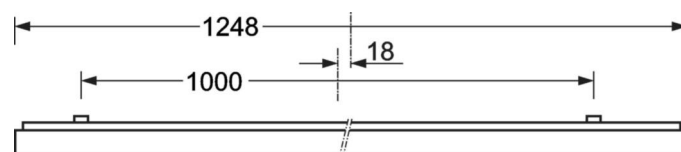
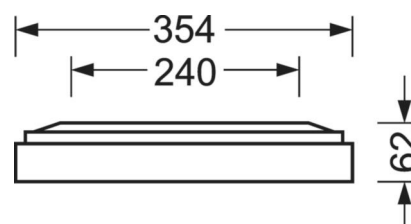
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|----------------------|-------------------------------------------------------------------------------|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxDxH) | 1248mm x 354mm x 62mm |
| Weight (net) | 6.22kg |
| Cable entry KE (X/Y) | 0mm/0mm |
| Type of installation | Ceiling-mounted single installation, Ceiling-mounted trunking installation |

DEEP-LINK

<https://www.regiolux.de/en/article/65714056170>



| | |
|------------------------------|----------------------------------|
| Reference | LED 4900lm 830 |
| η_{LB} | 100 % |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 % |
| UGR lat./long. | 18.3 / 18.5 |
| VDU | $65^\circ < 3000 \text{ cd/m}^2$ |



Dimensions

| | | |
|----|---------|--------------------------------------------------------------------|
| L | 1248 mm | Length |
| B | 354 mm | Width |
| H | 62 mm | Height |
| A1 | 1000 mm | Mounting distance single mounting |
| A3 | 248 mm | Mounting distance between luminaires in a light run arrangement |
| A4 | 240 mm | Mounting distance (width) |
| 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 |

