

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) 18.8. 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; connection to an SRT quick fit mounting system via an SRGVU mounting device carrier.

## CHARACTERISTICS

|                               |   |
|-------------------------------|---|
| Order number                  | 65711016170   |
| EAN number                    | 4020863453207   |
| Commodity code                | 94051190  |
| Certification mark            | IP 20, Protection class I, VDU $65^\circ < 3000$ ,<br>ENEC10 VDE, 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<br>(valid only for Germany)       |

## ELECTRICAL ENGINEERING

|                                      |   |
|--------------------------------------|---|
| Controller                           | Electronic driver DALI2 (1 pcs.)                              |
| System output                        | 34W   |
| Mains voltage                        | 230V/50Hz   |
| Circuit breakers (inrush current)    | 13 pieces/B10, 24 pieces/B16, 25<br>pieces/C10, 40 pieces/C16 |
| Energy efficiency class/light source | C   |

## LIGHTING TECHNOLOGY

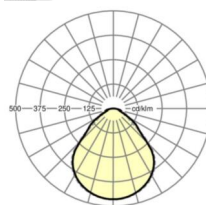
|                                    |   |
|------------------------------------|---|
| Placement                          | LED, Colour rendering/Light colour<br>CRI $\geq 80$ / 3000K |
| Colour tolerance (MacAdam)         | 3SDCM   |
| Photobiological safety (Luminaire) | RG0   |
| Nominal luminous flux              | 4200lm  |
| LED service life                   | 100000h L80/B10 (Tq 25°C), 50000h<br>L90/B50 (Tq 25°C)      |
| Luminaire luminous efficiency      | 125lm/W   |
| UGR lat./long.                     | 18.5 / 18.8   |

## MECHANICS

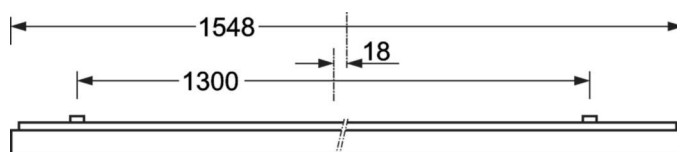
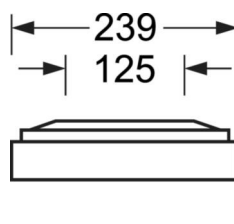
|                      |   |
|----------------------|---|
| Housing colour       | traffic white RAL 9016  |
| Dimensions (LxWxDxH) | 1548mm x 239mm x 62mm   |
| Weight (net)         | 7kg   |
| Cable entry KE (X/Y) | 0mm/0mm   |
| Type of installation | Ceiling-mounted single installation,<br>Ceiling-mounted trunking installation,<br>Pendulum mounting rail assembly on chain,<br>Ceiling-mounted mounting rail installation |

## DEEP-LINK

<https://www.regiolum.de/en/article/65711016170>



|                              |                                  |
|------------------------------|----------------------------------|
| Reference                    | LED 4200lm 830                   |
| $\eta_{LB}$                  | 100 %                            |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 %                      |
| UGR lat./long.               | 18.5 / 18.8                      |
| VDU                          | $65^\circ < 3000 \text{ cd/m}^2$ |



## Dimensions

|    |         |  |
|----|---------|--|
| L  | 1548 mm | Length   |
| B  | 239 mm  | Width  |
| H  | 62 mm   | Height   |
| A1 | 1300 mm | Mounting distance single mounting                                  |
| A3 | 248 mm  | Mounting distance between luminaires in a light run arrangement    |
| A4 | 125 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 |

