

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 silver grey/white aluminium RAL 9006; Homogeneous direct light distribution for VDU-compatibility in accordance with DIN-EN 12464-1; glare reduction through microprism diffuser with special "multilayer" technology and optimised light deflecting foil; Integrated DALI LED driver device type 8 (DT8). Easy installation of the connection, directly on the upper side 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;; luminaire with tunable white continuously adjustable colour temperatures, for implementing daylight simulations with Human Centric Lighting (HCL).

## CHARACTERISTICS

|                               |   |
|-------------------------------|---|
| Order number                  | 65712036175   |
| EAN number                    | 4020863453412   |
| Commodity code                | 94051190  |
| Certification mark            | IP 20, Protection class I, VDU 65°<3000, ENEC10 VDE, F, HCL, 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 device type 8 (1 pcs.)              |
| System output                        | 51W  |
| Mains voltage                        | 230V/50Hz  |
| Circuit breakers (inrush current)    | 10 pieces/B10, 16 pieces/B16, 16 pieces/C10, 27 pieces/C16 |
| Energy efficiency class/light source | E  |

## LIGHTING TECHNOLOGY

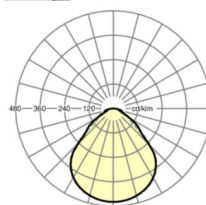
|                                    |   |
|------------------------------------|---|
| Placement                          | LED, Colour rendering/Light colour CRI ≥ 80 / 2700K-6500K continuously adjustable |
| Colour tolerance (MacAdam)         | 3SDCM   |
| Photobiological safety (Luminaire) | RG0   |
| Nominal luminous flux              | 6129lm  |
| LED service life                   | 100000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)                               |
| Luminaire luminous efficiency      | 121lm/W   |
| UGR lat./long.                     | 18.2 / 18.5   |

## MECHANICS

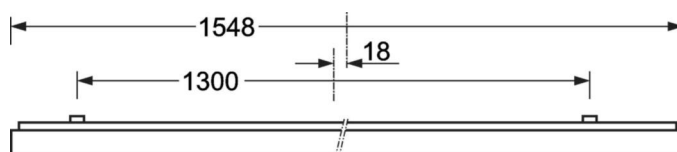
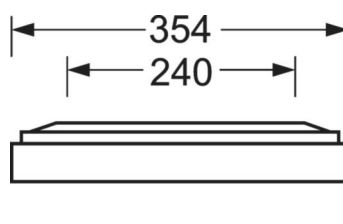
|                        |  |
|------------------------|--|
| Housing colour         | silver grey/white aluminium RAL 9006   |
| Dimensions (LxWxH/DxH) | 1548mm x 354mm x 62mm  |
| Weight (net)           | 9kg  |
| Cable entry KE (X/Y)   | 0mm/0mm  |
| Type of installation   | Ceiling-mounted single installation, Ceiling-mounted trunking installation, Mounting rail installation |

## DEEP-LINK

<https://www.regiolum.de/en/article/65712036175>



|                |                    |
|----------------|--------------------|
| Reference      | LED 6100lm 827-865 |
| ηLB            | 100 %              |
| Φ ↓/↑          | 100 % / 0 %        |
| UGR lat./long. | 18.2 / 18.5        |
| VDU            | 65° < 3000cd/m²    |



## Dimensions

|    |         |  |
|----|---------|--|
| L  | 1548 mm | Length   |
| B  | 354 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 | 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 |

