

Device mount - Opal diffuser - direct/indirect distribution - visually continuous

Device mount made of a galvanised, profiled steel sheet; surface coated with polyester resin. Tool-free attachment with integrated side lever catches for rapid fitting in the mounting rail. LED unit in housing length for a continuous effect light run Housing colour traffic white RAL 9016; Direct/indirect light distribution, opal diffuser made of PMMA plastic with inner longitudinal prisms produces a uniform, homogeneous appearance with ceiling brightening. Heat-resistant cables including fixed 3-pole rapid installation plug connector with tool-free phase preselection and locating finger The device mount can be adjusted variably in steps with a multi-lumen driver (default setting: maximum lumen output). They are exchangeable, permit modernisation and reliably prolong the service life of the overall system.

CHARACTERISTICS

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|-------------------------------|--|
| Order number | 18238404100 |
| EAN number | 4020863359530 |
| Commodity code | 94051190 |
| Certification mark | IP 20, Protection class I, ENEC10 VDE, F, HACCP DIN10500/Food/IFS-application-related suitability/BRC, Indoor, CE |
| Impact resistance (IK rating) | IK03 (10°C bis 35°C) |
| Ambient temperatur | ta 10°C to 35°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 multi-lumen driver, 4-steps (1 pcs.) |
| System output | 49W-27W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 13 pieces/B10, 22 pieces/B16, 22 pieces/C10, 37 pieces/C16 |
| Energy efficiency class/light source | B |

LIGHTING TECHNOLOGY

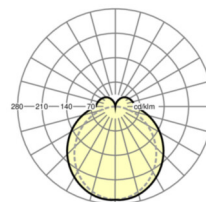
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|---|--|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Photobiological safety (Luminaire) | RG1 |
| Nominal luminous flux/switching steps (EDM) | 8100lm/49W, 7000lm/42W, 6000lm/34W, 4900lm/27W |
| LED service life | 50000h L80/B10 (Tq 35°C) |
| Luminaire luminous efficiency | 179lm/W-166lm/W |
| Beam angle | 130° (C0) / 110° (C90) |
| UGR lat./long. | 25.7 / 24.2 (49W) |

MECHANICS

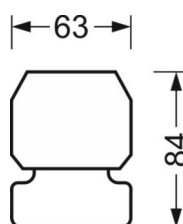
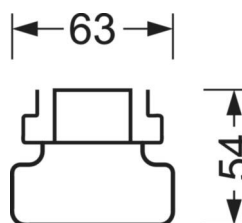
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|------------------------|-----------------------------------|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxH/DxH) | 1531mm x 63mm x 54mm |
| Weight (net) | 2kg |
| Type of installation | Mounting rail system installation |

DEEP-LINK

<https://www.regiolum.de/en/article/18238404100>



| | |
|------------------------------|--------------------|
| Reference | LED 8100lm/49W 840 |
| η_{LB} | 100 % |
| $\Phi_{\downarrow/\uparrow}$ | 84 % / 16 % |
| UGR lat./long. | 25.7 / 24.2 |



Dimensions

| | | |
|---|---------|--------|
| L | 1531 mm | Length |
| B | 63 mm | Width |
| H | 54 mm | Height |
