

Recessed luminaire - Micro-prismatic diffuser - direct distribution

Sheet steel housing suitable for ceilings with visible T-rails; protection rating refers to visible luminaire surface; Housing colour traffic white RAL 9016; Light distribution direct distribution by means of Micro-prismatic diffuser of PMMA. 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) 18.6. Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts; With changeover converter for emergency lighting operation on request.

CHARACTERISTICS

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|-------------------------------|--|
| Order number | 72265016650 |
| EAN number | 4020863266647 |
| Commodity code | 94051190 |
| Certification mark | IP 54/20, Protection class I, VDU $65^\circ < 3000$, F, F-"roof" mark, HACCP DIN10500/Food/IFS/BRC, 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

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|--------------------------------------|--|
| Controller | Electronic driver DALI2 (1 pcs.) |
| System output | 28W |
| 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

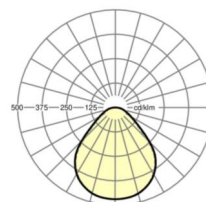
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|-------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI $\geq 80 / 4000\text{K}$ |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 4461lm |
| LED service life | 50000h L90/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 160lm/W |
| UGR lat./long. | 18.6 / 18.4 |

MECHANICS

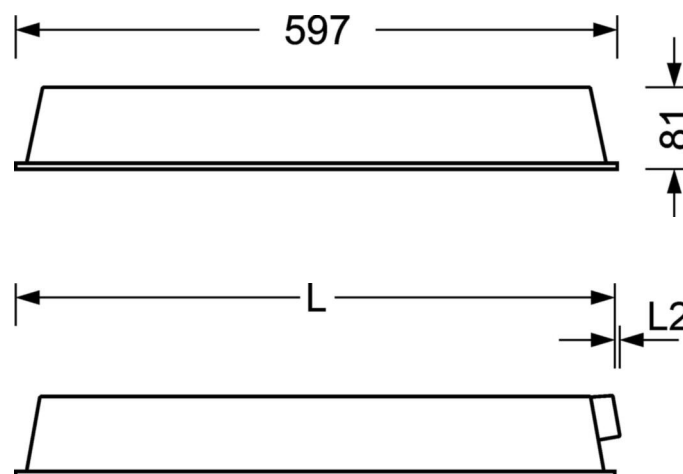
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|------------------------|---|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxH/DxH) | 597mm x 597mm x 81mm |
| Depth | 81mm |
| Ceiling system | Ceilings with visible T-rails [s-TS] (600x600 mm) |
| Installation depth | 180mm [s-TS]; 180mm [s-TS] min |
| Weight (net) | 4.3kg |
| Type of installation | Recessed mounting |

DEEP-LINK

<https://www.regiolux.de/en/article/72265016650>



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|------------------------------|--------------------------------|
| Reference | LED 4500lm 840 |
| η_{LB} | 100 % |
| $\Phi_{\downarrow/\uparrow}$ | 100 % / 0 % |
| UGR lat./long. | 18.6 / 18.4 |
| VDU | $65^\circ < 3000\text{cd/m}^2$ |



Dimensions

| | | |
|-----------------|--------|---|
| L | 597 mm | Length |
| B | 597 mm | Width |
| H | 81 mm | Height |
| T | 81 mm | Depth |
| L2 | 5 mm | Length overhang |
| Et(min) | 180 mm | Ceiling distance minimum - minimum dimension (visible T-rail) |
| Et(TS) | 180 mm | Ceiling distance minimum - recommended (visible T-rail) |
| MLTS1 | 600 mm | Module dimension length (visible T-rail) |
| MLTS_1/2 | 600 | Module dimension length (visible T-rail) 1/2 |
| MBTS1 | 600 mm | Module dimension width (visible T-rail) |
| MBTS_1/2 | 600 | Module dimension width (visible T-rail) 1/2 |
