

Recessed luminaire - Opal diffuser - direct distribution

Sheet steel housing suitable for ceilings with visible T rails, concealed symmetrical rail constructions and cut-out ceilings; protection rating refers to visible luminaire surface; Housing colour traffic white RAL 9016; Direct light distribution using opal diffuser made of acrylic glass with natural anodised aluminium frame; neutral white light colour (840) with very good colour consistency and high colour rendering Ra>80; Electrical connection via 3-pole connection terminal with plug-in contacts.; With changeover converter for emergency lighting operation on request. UBM universal mounting brackets for concealed symmetrical rail constructions or recessed ceilings and SCT CLIPS locking clips for ceilings with visible T rails: please order separately. A vacuum lifting pad SH 55 is needed to draw off the sealing frame.

CHARACTERISTICS

| | |
|-------------------------------|---|
| Order number | 72500014180 |
| EAN number | 4020863289370 |
| Commodity code | 94051190 |
| Certification mark | IP 54, Protection class I, F, HACCP DIN10500/Food/IFS/BRC, Indoor, CE |
| Impact resistance (IK rating) | IK02 |
| Ambient temperatur | ta 25°C |
| Warranty period | 5 years |
| State funding programs | BEG - Federal funding for efficient buildings (valid only for Germany) |

ELECTRICAL ENGINEERING

| | |
|--------------------------------------|---|
| Controller | Electronic driver (1 pcs.) |
| System output | 32W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 15 pieces/B10, 25 pieces/B16, 26 pieces/C10, 42 pieces/C16 |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

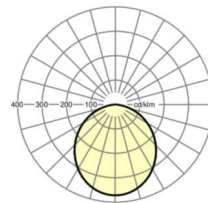
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|-------------------------------|--|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 4042lm |
| LED service life | 50000h L80/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 125lm/W |
| UGR lat./long. | 21.3 / 21.4 |

MECHANICS

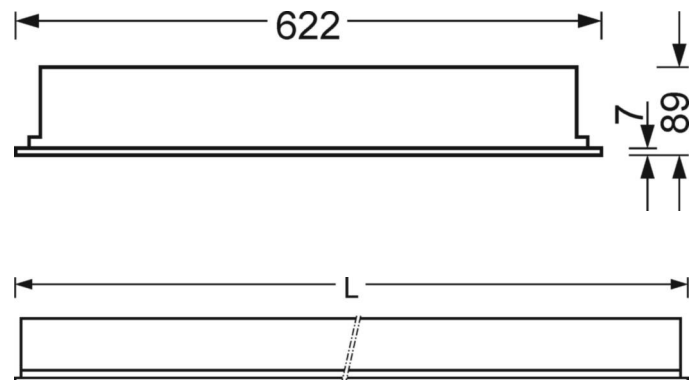
| | |
|-------------------------|---|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxH/DxH) | 622mm x 622mm x 89mm |
| Depth | 82mm |
| Ceiling system | Ceilings with visible T-rails [s-TS] (625x625 mm), Concealed symmetrical rail construction [VS] (625x625 mm), cut-out ceilings [AD] |
| Ceiling cut-out (LxW/D) | 585mm x 585mm |
| Installation depth | 150mm [AD]; 250mm [s-TS]; 150mm [s-TS] min; 150mm [VS] |
| Weight (net) | 5.3kg |
| Type of installation | Recessed mounting, Ceiling installation individual mounting |

DEEP-LINK

<https://www.regiolux.de/en/article/72500014180>



| | |
|----------------|----------------|
| Reference | LED 4000lm 840 |
| ηLB | 100 % |
| Φ ↓/↑ | 100 % / 0 % |
| UGR lat./long. | 21.3 / 21.4 |



Dimensions

| | | |
|-----------------|--------|---|
| L | 622 mm | Length |
| B | 622 mm | Width |
| H | 89 mm | Height |
| T | 82 mm | Depth |
| DA(L) | 585 mm | Cutting dimension length |
| DA(B) | 585 mm | Cutting dimension width |
| DS min | 15 mm | Ceiling thickness minimum |
| DS max | 40 mm | Ceiling thickness maximum |
| Et(min) | 150 mm | Ceiling distance minimum - minimum dimension (visible T-rail) |
| Et(AD) | 150 mm | Ceiling distance minimum (cut-out ceiling) |
| Et(TS) | 250 mm | Ceiling distance minimum - recommended (visible T-rail) |
| Et(VS) | 150 mm | Ceiling distance minimum (concealed symmetrical) |
| MLTS1 | 625 mm | Module dimension length (visible T-rail) |
| MLTS_1/2 | 625 | Module dimension length (visible T-rail) 1/2 |
| MLVS | 625 mm | Module dimension length (concealed symmetrical) |
| MBTS1 | 625 mm | Module dimension width (visible T-rail) |
| MBTS_1/2 | 625 | Module dimension width (visible T-rail) 1/2 |
| MBVS | 625 mm | Module dimension width (concealed symmetrical) |