

Lay-in/recessed/surface mounted luminaire - Micro-prismatic diffuser - direct distribution

Extremely flat white powder coated aluminium frame, installation height 13 mm, galvanised sheet steel cover suitable for ceilings with exposed T-bars. Housing colour traffic white RAL 9016; Direct light distribution using microprismatic glass, for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare suppression according to current DIN-EN 12464-1 standard; External LED driver. Flexible 40cm long connecting cable wired to the luminaire via a plug system ready for operation. Note on protection rating: IP20 for surface mounted installation, IP40 for mounting in suspended ceiling grid. Please order the recommended accessories for installation in cut-out ceilings, installation set PE-ES 625, surface-mounting frame PE-AR 600/625 and feed-through wiring box DV-BOX ET for convenient connection to the control gear separately.

CHARACTERISTICS

| | |
|-------------------------------|---|
| Order number | 60154034150 |
| EAN number | 4020863337750 |
| Commodity code | 94051190 |
| Certification mark | IP 40/20, Protection class II, VDU 65° < 3000, F, 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 | 29W |
| Mains voltage | 230V/50Hz |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

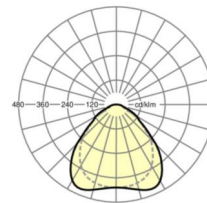
| | |
|-------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI \geq 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 4115lm |
| LED service life | 50000h L80/B10 (Tq 25°C/do not cover with insulation wool) |
| Luminaire luminous efficiency | 140lm/W |
| UGR lat./long. | 18.5 / 18.1 |

MECHANICS

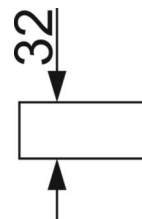
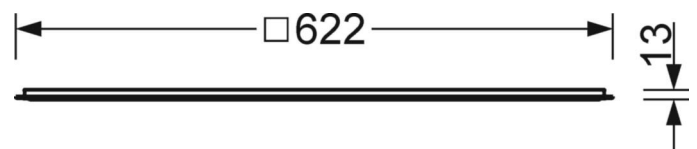
| | |
|-------------------------|--|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxH/DxH) | 622mm x 622mm x 13mm |
| Depth | 13mm |
| Ceiling system | Ceilings with visible T-rails [s-TS] (625x625 mm), cut-out ceilings [AD] |
| Ceiling cut-out (LxW/D) | 612mm x 612mm |
| Installation depth | 100mm [AD]; 100mm [s-TS]; 100mm [s-TS] min |
| Weight (net) | 3.99kg |
| Type of installation | Recessed mounting, Ceiling installation individual mounting, Ceiling-mounted single installation |

DEEP-LINK

<https://www.regiolum.de/en/article/60154034150>



| Reference | LED 3800lm 840 |
|------------------------------|----------------------------------|
| η_{LB} | 100 % |
| $\Phi \downarrow / \uparrow$ | 100 % / 0 % |
| UGR lat./long. | 18.5 / 18.1 |
| VDU | $65^\circ < 3000 \text{ cd/m}^2$ |



Dimensions

| | | |
|-----------------|--------|---|
| L | 622 mm | Length |
| B | 622 mm | Width |
| H | 13 mm | Height |
| T | 13 mm | Depth |
| DA(L) | 612 mm | Cutting dimension length |
| DA(B) | 612 mm | Cutting dimension width |
| DS min | 10 mm | Ceiling thickness minimum |
| Et(min) | 100 mm | Ceiling distance minimum - minimum dimension (visible T-rail) |
| Et(AD) | 100 mm | Ceiling distance minimum (cut-out ceiling) |
| Et(TS) | 100 mm | Ceiling distance minimum - recommended (visible T-rail) |
| MLTS1 | 625 mm | Module dimension length (visible T-rail) |
| MLTS_1/2 | 625 | Module dimension length (visible T-rail) 1/2 |
| MBTS1 | 625 mm | Module dimension width (visible T-rail) |
| MBTS_1/2 | 625 | Module dimension width (visible T-rail) 1/2 |
| KL | 144 mm | Length luminaire head or box for ballasts |
| KB | 42 mm | Width luminaire head or box for ballasts |
| KH | 29 mm | Height luminaire head or box for ballasts |

