

Lay-in/surface-mounted luminaire - Opal 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 opal acrylic diffuser. External DALI driver. Flexible 40cm long connecting cable wired to the luminaire via a plug system ready for operation. Connection box with 5-pin plug-type terminal for cable cross-sections up to 5x2.5mm² and strain relief, suitable for feed-through wiring; note on protection type: IP20 for surface-mounted installation, IP40 for recessed mounting. Recommended accessories: surface-mounting frame PE-AR 600/625 must be ordered separately.

CHARACTERISTICS

| | |
|-------------------------------|---|
| Order number | 60264036610 |
| EAN number | 4020863369737 |
| Commodity code | 94051190 |
| Certification mark | IP 40/20, Protection class II, F, Indoor, CE |
| Impact resistance (IK rating) | IK02 |
| 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 DALI2 (1 pcs.) |
| System output | 30W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 33 pieces/B10, 55 pieces/B16, 57 pieces/C10, 92 pieces/C16 |

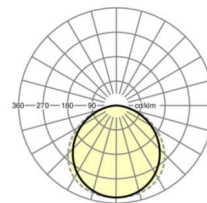
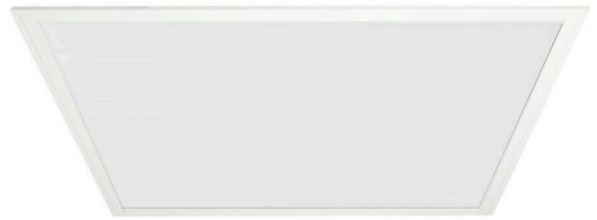
LIGHTING TECHNOLOGY

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|-------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 5SDCM |
| Nominal luminous flux | 3790lm |
| LED service life | 50000h L80/B50 (Tq 25°C) |
| Luminaire luminous efficiency | 126lm/W |
| UGR lat./long. | 20.9 / 21.5 |

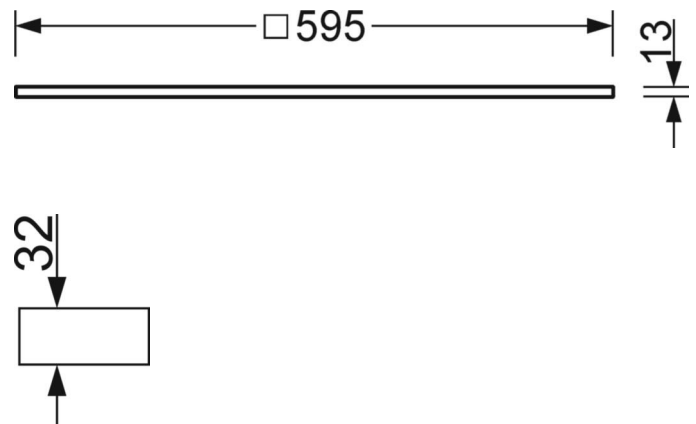
MECHANICS

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|------------------------|--|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxH/DxH) | 595mm x 595mm x 13mm |
| Depth | 13mm |
| Ceiling system | Ceilings with visible T-rails [s-TS] (600x600 mm) |
| Installation depth | 100mm [s-TS]; 100mm [s-TS] min |
| Weight (net) | 3.03kg |
| Type of installation | Recessed mounting, Ceiling-mounted single installation |

DEEP-LINK

<https://www.regiolum.de/en/article/60264036610>


| | |
|----------------|----------------|
| Reference | LED 3800lm 840 |
| ηLB | 100 % |
| Φ ↓/↑ | 100 % / 0 % |
| UGR lat./long. | 20.9 / 21.5 |



Dimensions

| | | |
|----------|--------|--|
| L | 595 mm | Length |
| B | 595 mm | Width |
| H | 13 mm | Height |
| T | 13 mm | Depth |
| DS min | 10 mm | Ceiling thickness minimum |
| DS max | 20 mm | Ceiling thickness maximum |
| Et(min) | 100 mm | Ceiling distance minimum - minimum dimension (visible T-rail) |
| Et(TS) | 100 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 |
| KL | 103 mm | Length luminaire head or box for ballasts |
| KB | 67 mm | Width luminaire head or box for ballasts |
| KH | 30 mm | Height luminaire head or box for ballasts |

