

Recessed luminaire - Micro-prismatic diffuser - direct distribution

Suitable for ceilings with visible T-bars; flat aluminium frame, powered white; steel plate housing; Housing colour traffic white RAL 9016; LED backlight light technology; direct light distribution using non-yellowing microprismatic PMMA diffuser and single lenses, ideal for VDU workstations, UGR19, $65^\circ < 3000$ cd/m omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard; Including a multi-lumen driver with 8 settable light outputs; Flicker < 5%; Flexible 40cm long connecting cable wired to the luminaire via a plug system ready for operation. Protection rating: IP20/IP40 room-side. Accessories: for ceiling surface-mounting frame 60170005100, ceiling suspension frame 60170004100 and feed-through wiring box DV-BOX ET for convenient connection to the control gear. Further operating data can be found in the operating instructions.

CHARACTERISTICS

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|-------------------------------|---|
| Order number | 60174034150 |
| EAN number | 4020863448562 |
| Commodity code | 94051190 |
| Certification mark | IP 40/20, Protection class II, VDU 65° < 3000, F, Indoor, CE |
| Impact resistance (IK rating) | IK02 (-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

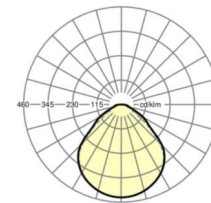
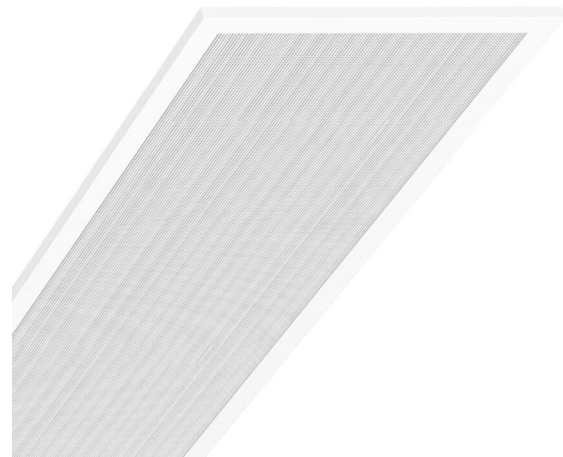
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|--------------------------------------|---|
| Controller | Electronic multi-lumen driver, 4-steps (1 pcs.) |
| System output | 40W-27W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 17 pieces/B10, 27 pieces/B16, 28 pieces/C10, 45 pieces/C16 |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

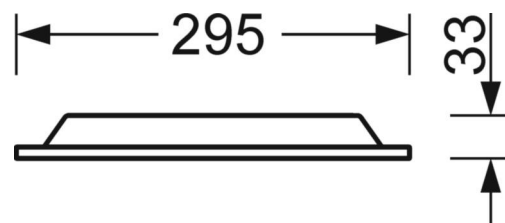
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| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux/switching steps (EDM) | 4800lm/40W, 4400lm/36W, 4200lm/35W, 3900lm/31W (Standard setting 3900lm) |
| LED service life | 50000h L80/B10 (Tq 35°C/do not cover with insulation wool) |
| Luminaire luminous efficiency | 125lm/W-119lm/W |
| UGR lat./long. | 18.8 / 18.8 (31W) |

MECHANICS

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|----------------------|--|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxDxH) | 1195mm x 295mm x 33mm |
| Depth | 33mm |
| Ceiling system | ceilings with visible T-rails [s-TS] (300x1200 mm) |
| Installation depth | 145mm [s-TS]; 115mm [s-TS] min |
| Weight (net) | 2.11kg |
| Type of installation | Recessed mounting, Ceiling-mounted single installation, Pendant individual mounting |

DEEP-LINK<https://www.regiolux.de/en/article/60174034150>

| | |
|----------------|--------------------|
| Reference | LED 3900lm/31W 840 |
| ηLB | 100 % |
| Φ ↓/↑ | 100 % / 0 % |
| UGR lat./long. | 18.8 / 18.8 |
| VDU | 65° < 3000cd/m² |



Dimensions

| | | |
|-----------------|---------|---|
| L | 1195 mm | Length |
| B | 295 mm | Width |
| H | 33 mm | Height |
| T | 33 mm | Depth |
| Et(min) | 115 mm | Ceiling distance minimum - minimum dimension (visible T-rail) |
| Et(TS) | 145 mm | Ceiling distance minimum - recommended (visible T-rail) |
| MLTS1 | 1200 mm | Module dimension length (visible T-rail) |
| MLTS_1/2 | 1200 | Module dimension length (visible T-rail) 1/2 |
| MBTS1 | 300 mm | Module dimension width (visible T-rail) |
| MBTS_1/2 | 300 | 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 |
