

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°<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. Recommended accessories for the installation of cut-out ceilings LOE ES 312 60180003100, order through-wiring box DV-BOX ET for convenient connection to the control gear separately. Further operating data can be found in the operating instructions.

**CHARACTERISTICS**

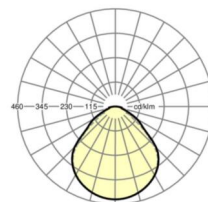
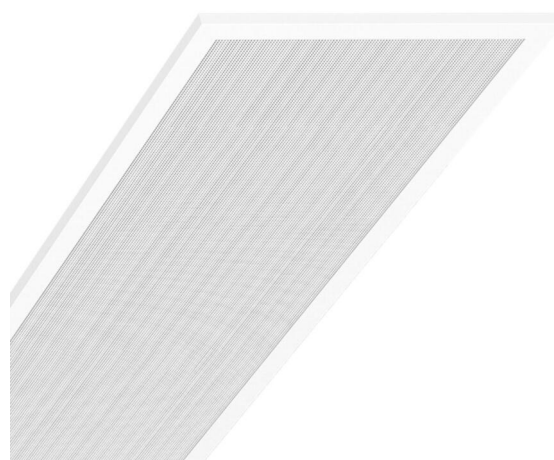
Order number	60184034150
EAN number	4020863448555
Commodity code	94051190
Certification mark	IP 40/20, Protection class II, VDU 65°<3000, F, Indoor, CE
Impact resistance (IK rating)	IK02 (-10°C bis 35°C)
Ambient temperatur	ta -10°C to 35°C
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

**ELECTRICAL ENGINEERING**

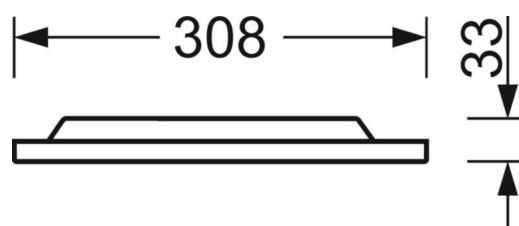
Controller	Electronic multi-lumen driver, 8-steps (1 pcs.)
System output	40W-27W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	17 pieces/B10, 27 pieces/B16, 28 pieces/C10, 45 pieces/C16
Energy efficiency class/light source	C

**LIGHTING TECHNOLOGY**

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux/switching steps (EDM)	4800lm/40W, 4600lm/38W, 4400lm/36W, 4200lm/35W, 4000lm/33W, 3900lm/31W, 3600lm/29W, 3400lm/27W (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)

**DEEP-LINK**
<https://www.regiolux.de/en/article/60184034150>


Reference	LED 3900lm/31W 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	18.8 / 18.8
VDU	65° < 3000cd/m <sup>2</sup>



**MECHANICS**

Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	1250mm x 310mm x 35mm
Depth	35mm
Ceiling system	ceilings with visible T-rails [s-TS] (312.5x1250 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	1220mm x 295mm
Installation depth	145mm [AD]; 145mm [s-TS]; 115mm [s-TS] min
Weight (net)	3.01kg
Type of installation	Recessed mounting, Ceiling installation individual mounting

**Dimensions**

L	1250 mm	Length
B	310 mm	Width
H	35 mm	Height
T	35 mm	Depth
DA(L)	1220 mm	Cutting dimension length
DA(B)	295 mm	Cutting dimension width
Et(min)	115 mm	Ceiling distance minimum - minimum dimension (visible T-rail)
Et(AD)	145 mm	Ceiling distance minimum (cut-out ceiling)
Et(TS)	145 mm	Ceiling distance minimum - recommended (visible T-rail)
MLTS1	1250 mm	Module dimension length (visible T-rail)
MLTS_1/2	1250	Module dimension length (visible T-rail) 1/2
MBTS1	312 mm	Module dimension width (visible T-rail)
MBTS_1/2	312	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

