

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

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

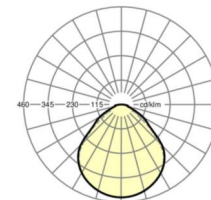
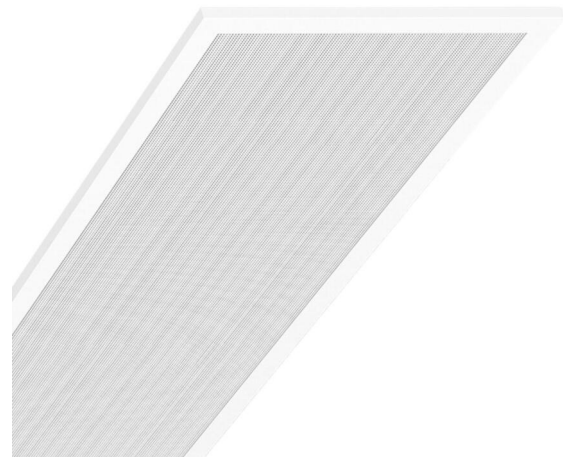
Controller	Electronic multi-lumen driver, 8-steps (1 pcs.)
System output	40W-27W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	17 pieces/B10, 27 pieces/B16, 28 pieces/C10, 45 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

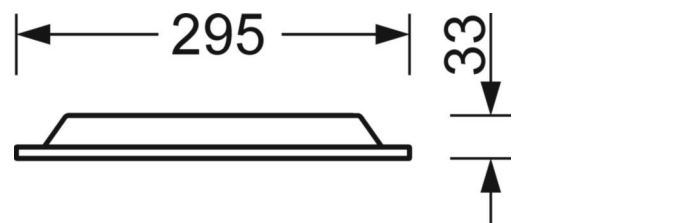
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux/switching steps (EDM)	4800lm/40W, 4600lm/38W, 4400lm/36W, 4200lm/35W, 4000lm/33W, 3900lm/31W, 3600lm/29W, 3400lm/27W (Standard setting 3900lm)
LED service life	50000h L80/B10 (Tq 35°C/do 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/60174034150>



Reference	LED 3900lm/31W 840
η_{LB}	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	18.8 / 18.8
VDU	$65^\circ < 3000\text{cd}/\text{m}^2$



MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	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

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