

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, $65^{\circ} < 3000 \text{ cd/m}$ 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). Accessories: for installation in cut-out ceilings, installation frame 60140003100 or for ceiling mounting frame 60110005100 Further operating data can be found in the operating instructions.

CHARACTERISTICS

Order number	60144034150
EAN number	4020863425112
Commodity code	94051190
Certification mark	IP 40/20, Protection class II, VDU $65^{\circ} < 3000$, 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

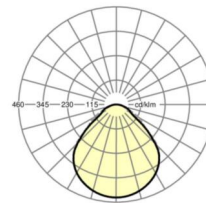
Controller	Electronic multi-lumen driver, 8-steps (1 pcs.)
System output	39W-26W
Mains voltage	230V/50Hz
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

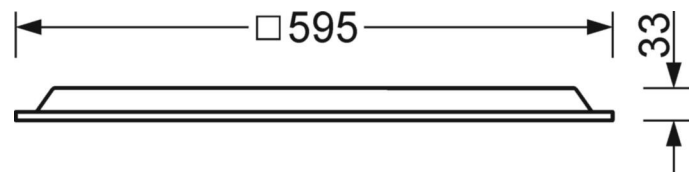
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux/switching steps (EDM)	5000lm/39W, 4700lm/37W, 4600lm/36W, 4400lm/34W, 4200lm/32W, 4000lm/30W, 3800lm/28W, 3500lm/26W (standard setting 4400lm)
LED service life	50000h L80/B10 (Tq 35°C/do not cover with insulation wool)
Luminaire luminous efficiency	133lm/W-128lm/W
UGR lat./long.	19.0 / 19.1 (34W)

DEEP-LINK

<https://www.regiolux.de/en/article/60144034150>



Reference	LED 4400lm/34W 840
η_{LB}	100 %
$\Phi \downarrow/\uparrow$	100 % / 0 %
UGR lat./long.	19.0 / 19.1
VDU	$65^{\circ} < 3000 \text{ cd/m}^2$



MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	595mm x 595mm x 33mm
Depth	33mm
Ceiling system	Ceilings with visible T-rails [s-TS] (600x600 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	623mm x 623mm (when using accessory mounting frame)
Installation depth	145mm [AD]; 145mm [s-TS]; 115mm [s-TS] min
Weight (net)	2.18kg
Type of installation	Recessed mounting, Ceiling installation individual mounting, Ceiling-mounted single installation

Dimensions

L	595 mm	Length
B	595 mm	Width
H	33 mm	Height
T	33 mm	Depth
DA(L)	623 mm	Cutting dimension length
DA(B)	623 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	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	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

