

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 multi-lumen driver with 4 adjustable light outputs; flicker < 5%. Flexible 40cm long connecting cable wired to the luminaire via a plug system ready for operation; with automatic self-test emergency light battery 3h and integrated status display; with automatic self test function; Luminaire status via visible, two-color status LED in the luminaire (NL-B3S); Luminous flux in emergency light mode 463 lm. Protection rating: IP20/IP40 room-side. Recommended accessories for installation in cut-out ceilings, mounting frame 60110003100 Further operating data can be found in the operating instructions.

CHARACTERISTICS

Order number	60114037200
EAN number	4020863468485
Commodity code	94051190
Certification mark	IP 40/20, Protection class I, VDU 65°<3000, F, Indoor, CE
Impact resistance (IK rating)	IK02 (-10°C bis 25°C)
Ambient temperatur	ta -10°C to 25°C
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

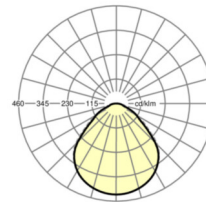
Controller	Electronic multi-lumen driver emergency light 3h with automatic self-test, 4-steps (1 pcs.)
System output	39W-30W
Mains voltage	230V/50Hz
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

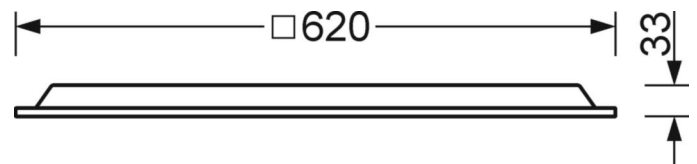
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux/switching steps (EDM)	5000lm/39W, 4600lm/36W, 4400lm/34W, 4000lm/30W (Standard setting 4400lm)
Nominal luminous flux-emergency lighting mode	463lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	134lm/W-128lm/W
UGR lat./long.	18.6 / 18.7 (34W)

DEEP-LINK

<https://www.regiolum.de/en/article/60114037200>



Reference	LED 4400lm/34W 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	18.6 / 18.7
VDU	65° < 3000cd/m²



MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	620mm x 620mm x 33mm
Depth	33mm
Ceiling system	Ceilings with visible T-rails [s-TS] (625x625 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	648mm x 648mm (when using accessory mounting frame)
Installation depth	145mm [AD]; 145mm [s-TS]; 115mm [s-TS] min
Weight (net)	3.76kg
Type of installation	Recessed mounting, Ceiling installation individual mounting

Dimensions

L	620 mm	Length
B	620 mm	Width
H	33 mm	Height
T	33 mm	Depth
DA(L)	648 mm	Cutting dimension length
DA(B)	648 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	625 mm	Module dimension length (visible T-rail)
MLTS_1/2	625	Module dimension length (visible T-rail) 1/2
MBTS1	625 mm	Module dimension width (visible T-rail)
MBTS_1/2	625	Module dimension width (visible T-rail) 1/2
KL	300 mm	Length luminaire head or box for ballasts
KB	160 mm	Width luminaire head or box for ballasts
KH	55 mm	Height luminaire head or box for ballasts

