

Recessed luminaire - Micro-prismatic diffuser - direct distribution

Sheet steel housing suitable for ceilings with visible T-rails, concealed symmetrical rail constructions and recessed ceilings; Housing colour traffic white RAL 9016; Light distribution direct distribution by means of Micro-prismatic diffuser of PMMA, a soft light shines through frosted diffusers; neutral white light colour (840) with very good colour consistency and high colour rendering Ra>80. Suitable for VDU workstations, 65° < 3000 cd/m² omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.7. Electrical connection via 5-pole connection terminal with plug-in contacts.; Luminaire status by visible status LED in luminaire (NL-B3); Luminous flux in emergency light mode 491 lm. TNE-BM mounting mechanism 6 pcs. 1200/1250 for concealed symmetrical rail constructions or recessed ceilings, please order separately.

CHARACTERISTICS

Order number	50806117770
EAN number	4020863356362
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU 65°<3000, F, F-"roof" mark, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	ta 25°C
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

Controller	Electronic driver 3h emergency lighting (1 pcs.)
System output	58W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	15 pieces/B10, 24 pieces/B16, 25 pieces/C10, 40 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

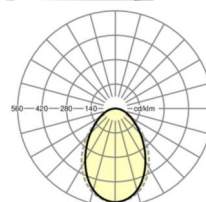
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	7737lm
Nominal luminous flux-emergency lighting mode	491lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	134lm/W
UGR lat./long.	18.4 / 18.7

MECHANICS

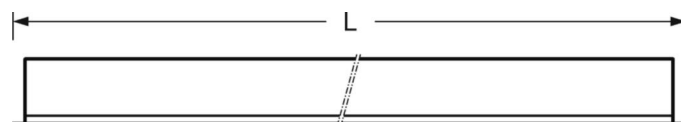
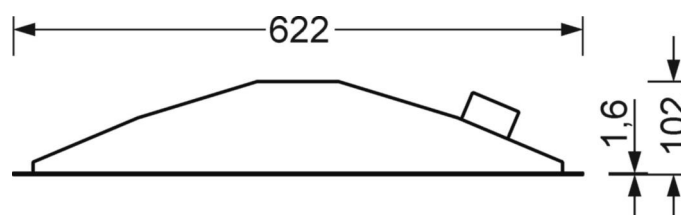
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	1247mm x 622mm x 102mm
Depth	100mm
Ceiling system	Ceilings with visible T-rails [s-TS] (625x1250 mm), Concealed symmetrical rail construction [VS] (625x1250 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	585mm x 1191mm
Installation depth	120mm [AD]; 250mm [s-TS]; 150mm [VS]
Weight (net)	11.6kg
Type of installation	Recessed mounting, Ceiling installation individual mounting

DEEP-LINK

<https://www.regiolux.de/en/article/50806117770>



Reference	LED 7300lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	18.4 / 18.7
VDU	65° < 3000cd/m ²



Dimensions

L	1247 mm	Length
B	622 mm	Width
H	102 mm	Height
T	100 mm	Depth
DA(L)	585 mm	Cutting dimension length
DA(B)	1191 mm	Cutting dimension width
Et(AD)	120 mm	Ceiling distance minimum (cut-out ceiling)
Et(TS)	250 mm	Ceiling distance minimum - recommended (visible T-rail)
Et(VS)	150 mm	Ceiling distance minimum (concealed symmetrical)
MLTS1	1250 mm	Module dimension length (visible T-rail)
MLTS_1/2	1250	Module dimension length (visible T-rail) 1/2
MLVS	1250 mm	Module dimension length (concealed symmetrical)
MBTS1	625 mm	Module dimension width (visible T-rail)
MBTS_1/2	625	Module dimension width (visible T-rail) 1/2
MBVS	625 mm	Module dimension width (concealed symmetrical)
