

Lay-in/recessed/surface mounted luminaire - Opal diffuser - direct distribution

Extremely flat white powder coated aluminium frame, installation height 13 mm, galvanised sheet steel cover suitable for ceilings with exposed T-bars. Housing colour traffic white RAL 9016; Direct light distribution using opal acrylic diffuser. External LED driver. Flexible 40cm long connecting cable wired to the luminaire via a plug system ready for operation. Note on protection rating: IP20 for surface mounted installation, IP40 for mounting in suspended ceiling grid. Please order the recommended accessories for installation in cut-out ceilings, installation set PE-ES 625, surface-mounting frame PE-AR 600/625 and feed-through wiring box DV-BOX ET for convenient connection to the control gear separately.

CHARACTERISTICS

Order number	60154034110
EAN number	4020863337798
Commodity code	94051190
Certification mark	IP 20, Protection class II, F, 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 (1 pcs.)
System output	29W
Mains voltage	230V/50Hz
Energy efficiency class/light source	C

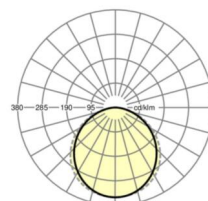
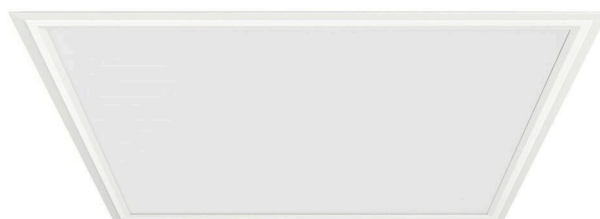
LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	4SDCM
Nominal luminous flux	3808lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	130lm/W
UGR lat./long.	20.7 / 21.2

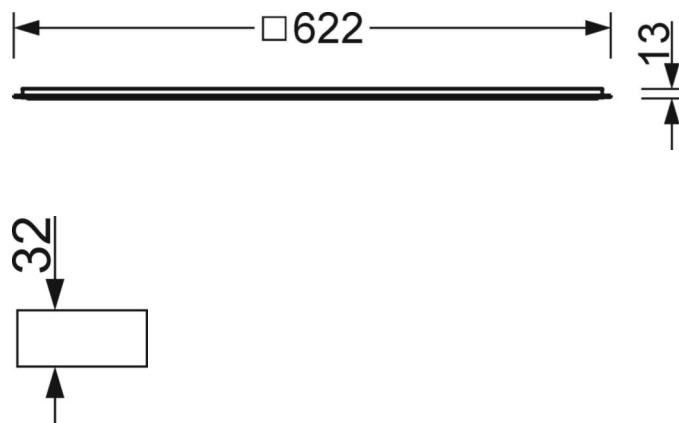
MECHANICS

Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	622mm x 622mm x 13mm
Depth	13mm
Ceiling system	Ceilings with visible T-rails [s-TS] (625x625 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	612mm x 612mm
Installation depth	100mm [AD]; 100mm [s-TS]; 100mm [s-TS] min
Weight (net)	3.99kg
Type of installation	Recessed mounting, Ceiling installation individual mounting, Ceiling-mounted single installation

DEEP-LINK

<https://www.regiolum.de/en/article/60154034110>


Reference	LED 3900lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	20.7 / 21.2



Dimensions

L	622 mm	Length
B	622 mm	Width
H	13 mm	Height
T	13 mm	Depth
DA(L)	612 mm	Cutting dimension length
DA(B)	612 mm	Cutting dimension width
DS min	10 mm	Ceiling thickness minimum
DS max	20 mm	Ceiling thickness maximum
Et(min)	100 mm	Ceiling distance minimum - minimum dimension (visible T-rail)
Et(AD)	100 mm	Ceiling distance minimum (cut-out ceiling)
Et(TS)	100 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	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

