protection-PREO/625 IP54 LED 4000 840 • vw RAL 9016 • DALI2 • 72500016680

REGIOLUX

Recessed luminaire - Opal diffuser - direct distribution

Sheet steel housing suitable for ceilings with visible T rails, concealed symmetrical rail constructions and cut-out ceilings; protection rating refers to visible luminaire surface; Housing colour traffic white RAL 9016; Direct light distribution using opal diffuser made of acrylic glass with natural anodised aluminium frame; neutral white light colour (840) with very good colour consistency and high colour rendering Ra>80; Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts; With changeover converter for emergency lighting operation on request. UBM universal mounting brackets for concealed symmetrical rail constructions or recessed ceilings and SCT CLIPS locking clips for ceilings with visible T rails: please order separately. A vacuum lifting pad SH 55 is needed to draw off the sealing frame.

CHARACTERISTICS

Order number	72500016680
EAN number	4020863289363
Commodity code	94051190
Certification mark	IP 54, Protection class I, F, HACCP DIN10500/Food/IFS/BRC, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	ta 25°C
Special properties	Ready for IoT
Warranty period	5 years
State funding programs	BEG - Federal funding for efficient buildings (valid only for Germany)

ELECTRICAL ENGINEERING

Controller	Electronic driver DALI2 (1 pcs.)
System output	32W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 21 pieces/B16, 21 pieces/C10, 35 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

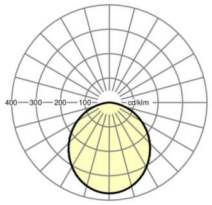
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4042lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	125lm/W
UGR lat./long.	21.3 / 21.4

MECHANICS

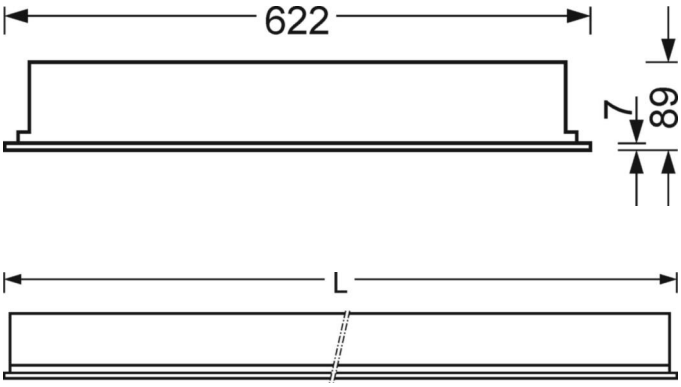
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	622mm x 622mm x 89mm
Depth	82mm
Ceiling system	Ceilings with visible T-rails [s-TS] (625x625 mm), Concealed symmetrical rail construction [VS] (625x625 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	585mm x 585mm
Installation depth	150mm [AD]; 250mm [s-TS]; 150mm [s-TS] min; 150mm [VS]
Weight (net)	5.3kg
Type of installation	Recessed mounting, Ceiling installation individual mounting

DEEP-LINK

https://www.regiolux.de/en/article/72500016680



Reference	LED 4000lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	21.3 / 21.4



Dimensions

L	622 mm	Length
B	622 mm	Width
H	89 mm	Height
T	82 mm	Depth
DA(L)	585 mm	Cutting dimension length
DA(B)	585 mm	Cutting dimension width
DS min	15 mm	Ceiling thickness minimum
DS max	40 mm	Ceiling thickness maximum
Et(min)	150 mm	Ceiling distance minimum - minimum dimension (visible T-rail)
Et(AD)	150 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	625 mm	Module dimension length (visible T-rail)
MLTS_1/2	625	Module dimension length (visible T-rail) 1/2
MLVS	625 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)