

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 DALI driver. Electric connection via 150mm long connection cable 2x0.5mm<sup>2</sup> including coupling connector. Connection box with 5-pin plug-type terminal for cable cross-sections up to 5x2.5mm<sup>2</sup> and strain relief, suitable for feed-through wiring; note on protection type: IP20 for surface-mounted installation, IP40 for recessed mounting. Recommended accessories for installation in cut-out ceilings, mounting kit PE-ES 625 and surface-mounting frame PE-AR 600/625 must be ordered separately.

## CHARACTERISTICS

Order number	60153036610
EAN number	4020863337828
Commodity code	94051190
Certification mark	IP 20, Protection class II, F, 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	29W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	33 pieces/B10, 55 pieces/B16, 57 pieces/C10, 92 pieces/C16
Energy efficiency class/light source	C

## LIGHTING TECHNOLOGY

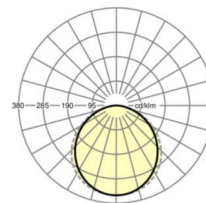
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	4SDCM
Nominal luminous flux	3680lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	125lm/W
UGR lat./long.	20.6 / 21.1

## MECHANICS

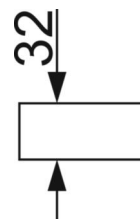
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	622mm x 622mm x 13mm
Depth	13mm
Ceiling system	Ceilings with visible T-rails [s-TS] (625x625 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	612mm x 612mm
Installation depth	100mm [AD]; 100mm [s-TS]; 100mm [s-TS] min
Weight (net)	3.99kg
Type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

## DEEP-LINK

<https://www.regiolum.de/en/article/60153036610>



Reference	LED 3700lm 830
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	20.6 / 21.1



**Dimensions**

<b>L</b>	622 mm	Length
<b>B</b>	622 mm	Width
<b>H</b>	13 mm	Height
<b>T</b>	13 mm	Depth
<b>DA(L)</b>	612 mm	Cutting dimension length
<b>DA(B)</b>	612 mm	Cutting dimension width
<b>DS min</b>	10 mm	Ceiling thickness minimum
<b>DS max</b>	20 mm	Ceiling thickness maximum
<b>Et(min)</b>	100 mm	Ceiling distance minimum - minimum dimension (visible T-rail)
<b>Et(AD)</b>	100 mm	Ceiling distance minimum (cut-out ceiling)
<b>Et(TS)</b>	100 mm	Ceiling distance minimum - recommended (visible T-rail)
<b>MLTS1</b>	625 mm	Module dimension length (visible T-rail)
<b>MLTS_1/2</b>	625	Module dimension length (visible T-rail) 1/2
<b>MBTS1</b>	625 mm	Module dimension width (visible T-rail)
<b>MBTS_1/2</b>	625	Module dimension width (visible T-rail) 1/2
<b>KL</b>	144 mm	Length luminaire head or box for ballasts
<b>KB</b>	42 mm	Width luminaire head or box for ballasts
<b>KH</b>	29 mm	Height luminaire head or box for ballasts

