

Recessed luminaire - Single micro louvre with 80° lens - direct distribution

Sheet steel housing suitable for recessed ceilings and for ceilings with visible T-rails; white coated, similar to RAL 9016. Housing colour traffic white RAL 9016; Direct light distribution by means of 80° LED clear lens with single micro louvre, black, for VDU workstations, omnidirectional glare reduction in accordance with the current standard DIN EN 12464-1. Electrical connection via 5-pole connection terminal with plug-in contacts.. Recommended accessories for installation in cut-out ceilings, AGER-ES and surface-mounting frame PE-AR 600/625 must be ordered separately. White single micro louvre possible on request.

**CHARACTERISTICS**

Order number	60626046670
EAN number	4020863419760
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU 65°<100, F, F-"roof" mark, 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)

**DEEP-LINK**

<https://www.regiolum.de/en/article/60626046670>

**ELECTRICAL ENGINEERING**

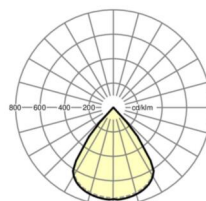
Controller	Electronic driver DALI2 (1 pcs.)
System output	29W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	18 pieces/B10, 28 pieces/B16, 30 pieces/C10, 46 pieces/C16
Energy efficiency class/light source	B

**LIGHTING TECHNOLOGY**

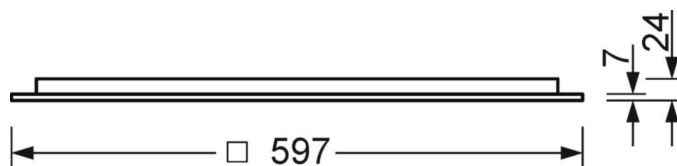
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG1
Nominal luminous flux	4016lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	140lm/W
UGR lat./long.	13.1 / 13.0

**MECHANICS**

Housing colour	traffic white RAL 9016
Dimensions (LxWxD)	597mm x 597mm x 24mm
Depth	17mm
Ceiling system	Ceilings with visible T-rails [s-TS] (600x600 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	575mm x 575mm
Installation depth	100mm [AD]; 100mm [s-TS] min
Weight (net)	4.2kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling installation individual mounting, Recessed mounting, Ceiling-mounted single installation



Reference	LED 4000lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	13.1 / 13.0



## Dimensions

<b>L</b>	597 mm	Length
<b>B</b>	597 mm	Width
<b>H</b>	24 mm	Height
<b>T</b>	17 mm	Depth
<b>DA(L)</b>	575 mm	Cutting dimension length
<b>DA(B)</b>	575 mm	Cutting dimension width
<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>MLTS1</b>	600 mm	Module dimension length (visible T-rail)
<b>MLTS_1/2</b>	600	Module dimension length (visible T-rail) 1/2
<b>MBTS1</b>	600 mm	Module dimension width (visible T-rail)
<b>MBTS_1/2</b>	600	Module dimension width (visible T-rail) 1/2
<b>X</b>	0 mm	Distance cable infeed to the center of the luminaire on the X-axis
<b>Y</b>	0 mm	Distance cable infeed to the center of the luminaire on the Y-axis