

Recessed luminaire - Micro-prismatic diffuser - direct distribution

Sheet steel housing suitable for ceilings with visible T-rails; protection rating refers to visible luminaire surface; Housing colour traffic white RAL 9016; Direct light distribution using microprismatic glass, for workstations,  $65^\circ < 3000 \text{ cd/m}^2$  omnidirectional glare suppression according to current DIN EN 12464-1 standard; Electrical connection via 3-pole connection terminal with plug-in contacts.; With changeover converter for emergency lighting operation on request.

## CHARACTERISTICS

Order number	72205014150
EAN number	4020863266289
Commodity code	94051190
Certification mark	IP 54/20, Protection class I, VDU $65^\circ < 3000$ , F, F-"roof" mark, HACCP DIN10500/Food/IFS/BRC, Indoor, CE
Impact resistance (IK rating)	IK03
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	28W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	24 pieces/B10, 38 pieces/B16, 40 pieces/C10, 63 pieces/C16
Energy efficiency class/light source	C

## LIGHTING TECHNOLOGY

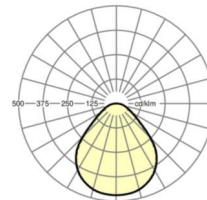
Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 4000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	4461lm
LED service life	50000h L90/B10 (Tq 25°C)
Luminaire luminous efficiency	160lm/W
UGR lat./long.	18.3 / 18.2

## MECHANICS

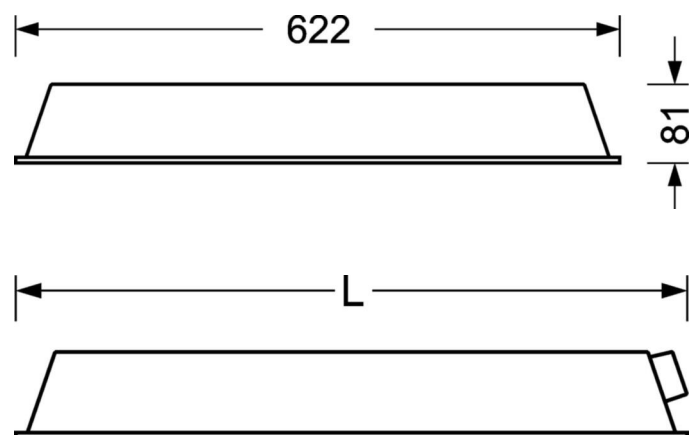
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	622mm x 622mm x 81mm
Depth	81mm
Ceiling system	Ceilings with visible T-rails [s-TS] (625x625 mm)
Installation depth	180mm [s-TS]; 180mm [s-TS] min
Weight (net)	4.5kg
Type of installation	Recessed mounting

## DEEP-LINK

<https://www.regiolum.de/en/article/72205014150>



Reference	LED 4500lm 840
$\eta_{LB}$	100 %
$\Phi_{\downarrow/\uparrow}$	100 % / 0 %
UGR lat./long.	18.3 / 18.2
VDU	$65^\circ < 3000\text{cd/m}^2$



**Dimensions**

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<b>L</b>	622 mm	Length
<b>B</b>	622 mm	Width
<b>H</b>	81 mm	Height
<b>T</b>	81 mm	Depth
<b>Et(min)</b>	180 mm	Ceiling distance minimum - minimum dimension (visible T-rail)
<b>Et(TS)</b>	180 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

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