

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	72512036680
EAN number	4020863289943
Commodity code	94051190
Certification mark	IP 54, Protection class I, F, HACCP DIN10500/Food/IFS/BRC, Indoor, CE
Impact resistance (IK rating)	IK03
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)	17 pieces/B10, 28 pieces/B16, 29 pieces/C10, 47 pieces/C16
Energy efficiency class/light source	C

## LIGHTING TECHNOLOGY

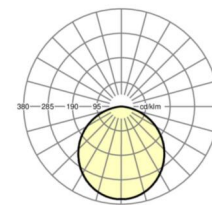
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	4382lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	153lm/W
UGR lat./long.	21.9 / 21.9

## MECHANICS

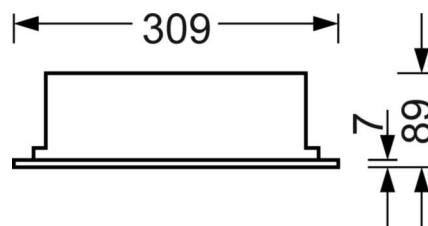
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	1247mm x 309mm x 89mm
Depth	82mm
Ceiling system	ceilings with visible T-rails [s-TS] (312.5x1250 mm), Concealed symmetrical rail construction [VS] (312.5x1250 mm), cut-out ceilings [AD]
Ceiling cut-out (LxW/D)	1185mm x 285mm
Installation depth	150mm [AD]; 250mm [s-TS]; 150mm [s-TS] min; 150mm [VS]
Weight (net)	6.71kg
Type of installation	Recessed mounting, Ceiling installation individual mounting

## DEEP-LINK

<https://www.regiolux.de/en/article/72512036680>



Reference	LED 4300lm 840
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	21.9 / 21.9



## Dimensions

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<b>L</b>	1247 mm	Length
<b>B</b>	309 mm	Width
<b>H</b>	89 mm	Height
<b>T</b>	82 mm	Depth
<b>DA(L)</b>	1185 mm	Cutting dimension length
<b>DA(B)</b>	285 mm	Cutting dimension width
<b>DS min</b>	15 mm	Ceiling thickness minimum
<b>DS max</b>	40 mm	Ceiling thickness maximum
<b>Et(min)</b>	150 mm	Ceiling distance minimum - minimum dimension (visible T-rail)
<b>Et(AD)</b>	150 mm	Ceiling distance minimum (cut-out ceiling)
<b>Et(TS)</b>	250 mm	Ceiling distance minimum - recommended (visible T-rail)
<b>Et(VS)</b>	150 mm	Ceiling distance minimum (concealed symmetrical)
<b>MLTS1</b>	1250 mm	Module dimension length (visible T-rail)
<b>MLTS_1/2</b>	1250	Module dimension length (visible T-rail) 1/2
<b>MLVS</b>	1250 mm	Module dimension length (concealed symmetrical)
<b>MBTS1</b>	312.5 mm	Module dimension width (visible T-rail)
<b>MBTS_1/2</b>	312.5	Module dimension width (visible T-rail) 1/2
<b>MBVS</b>	312.5 mm	Module dimension width (concealed symmetrical)

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