

Luminaire with a higher protection rating - Opal diffuser - direct distribution / indirect distribution for ceiling lighting - impact-proof

Enclosure with smooth polycarbonate surface, white end faces. Cable entry at the end face with twist-fix quick-release fastener; with click-lock catch on the side. Housing colour white, similar to RAL 9003; Light distribution direct distribution / indirect distribution for ceiling lighting by means of Opal diffuser of Polycarbonate, UGR (4H/8H) 26. Integrated driver. Electrical connection via 5-pole connection terminal with plug-in contacts.. Terminal for 5x0.75-5x2.5mm<sup>2</sup>, feed-through wiring. Fastening clips and suspension bracket are also included in the scope of delivery. SBB swivel mounting bracket, order separately.

## CHARACTERISTICS

Order number	50212016600
EAN number	4020863494286
Commodity code	94051140
Certification mark	IP 65, Protection class I, F, D, HACCP DIN10500/Food/IFS/BRC, Indoor, CE
Impact resistance (IK rating)	IK08 (-20°C bis 45°C)
Ambient temperatur	ta -20°C to 45°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.)
Wiring	5x2.5mm <sup>2</sup> , throughwired, plug-in contact for 5x1.5qmm
System output	35W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 22 pieces/B16, 21 pieces/C10, 36 pieces/C16

## LIGHTING TECHNOLOGY

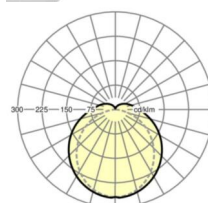
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RGO
Nominal luminous flux	5226lm
LED service life	70000h L80/B10 (Tq 45°C), 85000h L80/B50 (Tq 45°C), 100000h L80/B50 (Tq 25°C)
Luminaire luminous efficiency	151lm/W
UGR lat./long.	26.0 / 23.4

## MECHANICS

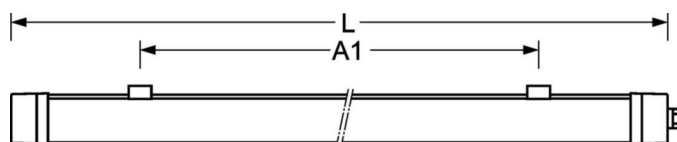
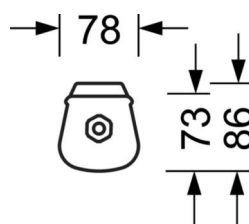
Housing colour	white, similar to RAL 9003
Dimensions (LxWxH/DxH)	1200mm x 80mm x 73mm
Weight (net)	1.3kg
Cable entry KE	at the end
Type of installation	Ceiling-mounted single installation, Ceiling-mounted trunking installation, Pendant individual mounting, Pendant light strip mounting, Wall mounting, Wall light run installation, Pendulum mounting rail assembly on chain

## DEEP-LINK

<https://www.regiolum.de/en/article/50212016600>



Reference	LED 5200lm 840
ηLB	100 %
Φ ↓/↑	87 % / 13 %
UGR lat./long.	26.0 / 23.4



**Dimensions**

L	1200 mm	Length
B	80 mm	Width
H	73 mm	Height
A1	700 mm	Mounting distance single mounting
A3	575 mm	Mounting distance between luminaires in a light run arrangement
A4	900 mm	Mounting distance (width)
X	0 mm	Distance cable infeed to the center of the luminaire on the X-axis
Y	600 mm	Distance cable infeed to the center of the luminaire on the Y-axis

