

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) 26.2. Including multi-lumen driver (ETM) with 4 adjustable light outputs; flicker < 5%; Electrical connection via 5-pole connection terminal with plug-in contacts. Terminal for 5x0.75-5x2.5mm², 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 | 50211014100 |
| EAN number | 4020863495108 |
| 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 40°C) |
| Ambient temperatur | ta -20°C to 40°C |
| Warranty period | 5 years |
| State funding programs | BEG - Federal funding for efficient buildings (valid only for Germany) |

ELECTRICAL ENGINEERING

| | |
|-----------------------------------|--|
| Controller | Electronic multi-lumen driver, 4-steps (1 pcs.) |
| Wiring | 5x2.5mm ² , throughwired, plug-in contact for 5x1.5qmm |
| System output | 18W-11W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 55 pieces/B10, 88 pieces/B16, 55 pieces/C10, 88 pieces/C16 |

LIGHTING TECHNOLOGY

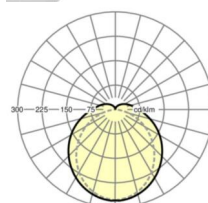
| | |
|---------------------------------------|---|
| Placement | LED, Colour rendering/Light colour CRI ≥ 80 / 4000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Photobiological safety (Luminaire) | RG0 |
| Nominal luminous flux/switching steps | 2400lm/18W, 2100lm/16W, 1800lm/13W, 1500lm/11W |
| LED service life | 70000h L80/B10 (Tq 40°C), 85000h L80/B50 (Tq 40°C), 100000h L80/B50 (Tq 25°C) |
| Luminaire luminous efficiency | 134lm/W-135lm/W |
| UGR lat./long. | 26.2 / 23.4 (18W) |

MECHANICS

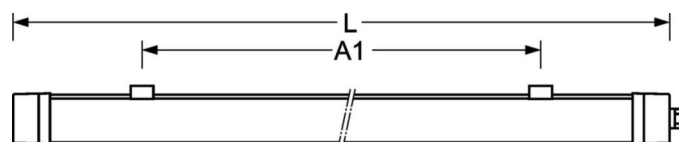
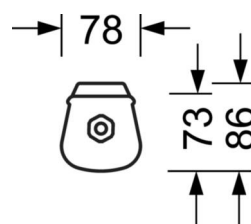
| | |
|------------------------|--|
| Housing colour | white, similar to RAL 9003 |
| Dimensions (LxWxH/DxH) | 600mm x 80mm x 73mm |
| Weight (net) | 0.75kg |
| Cable entry KE | at the end |
| Type of installation | Ceiling-mounted single installation, Ceiling-mounted trunking installation, Pendant individual 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/50211014100>



| | |
|----------------|--------------------|
| Reference | LED 2400lm/18W 840 |
| ηLB | 100 % |
| Φ ↓/↑ | 88 % / 12 % |
| UGR lat./long. | 26.2 / 23.4 |



Dimensions

| | | |
|----|--------|--|
| L | 600 mm | Length |
| B | 80 mm | Width |
| H | 73 mm | Height |
| A1 | 400 mm | Mounting distance single mounting |
| A3 | 275 mm | Mounting distance between luminaires in a light run arrangement |
| A4 | 300 mm | Mounting distance (width) |
| X | 0 mm | Distance cable infeed to the center of the luminaire on the X-axis |
| Y | 300 mm | Distance cable infeed to the center of the luminaire on the Y-axis |

