

Diffuser luminaire - Opal diffuser - direct/indirect distribution

Square diffuser luminaire made of recyclable polycarbonate with a very flat, slightly bevelled housing profile; Housing colour traffic white RAL 9016; Light distribution direct/indirect distribution by means of Opal diffuser of acrylic glass, smooth surface, Slightly bevelled, with corner stability, acrylic glass diffuser, UGR (4H/8H) 21. Suitable for AC/DC converter. Electrical connection via 3-pole connection terminal with plug-in contacts.; With changeover converter for emergency lighting operation on request.

CHARACTERISTICS

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|-------------------------------|---|
| Order number | 25100024100 |
| EAN number | 4020863267835 |
| Commodity code | 94051140 |
| Certification mark | IP 65, Protection class I, F, D, Indoor, CE |
| Impact resistance (IK rating) | IK02 |
| Ambient temperatur | ta 25°C |
| Warranty period | 5 years |
| State funding programs | BEG - Federal funding for efficient buildings (valid only for Germany) |

ELECTRICAL ENGINEERING

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| Controller | Electronic driver (1 pcs.) |
| System output | 12W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 40 pieces/B10, 64 pieces/B16, 56 pieces/C10, 91 pieces/C16 |
| Energy efficiency class/light source | C |

LIGHTING TECHNOLOGY

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| Placement | LED, Colour rendering/Light colour CRI \geq 80 / 3000K |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 1529lm |
| LED service life | 50000h L80/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 131lm/W |
| UGR lat./long. | 21.0 / 21.0 |

MECHANICS

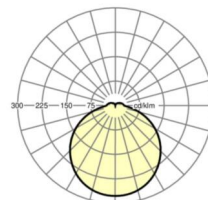
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|------------------------|--|
| Housing colour | traffic white RAL 9016 |
| Dimensions (LxWxH/DxH) | 300mm x 300mm x 83mm |
| Weight (net) | 1.52kg |
| Cable entry KE (X/Y) | 115mm/30mm |
| Type of installation | Ceiling-mounted single installation, Wall mounting |

Dimensions

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|----|--------|--|
| L | 300 mm | Length |
| B | 300 mm | Width |
| H | 83 mm | Height |
| A1 | 200 mm | Mounting distance single mounting |
| X | 115 mm | Distance cable infeed to the center of the luminaire on the X-axis |
| Y | 30 mm | Distance cable infeed to the center of the luminaire on the Y-axis |

DEEP-LINK

<https://www.regiolux.de/en/article/25100024100>



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|------------------------------|----------------|
| Reference | LED 1500lm 830 |
| η_{LB} | 100 % |
| $\Phi_{\downarrow/\uparrow}$ | 90 % / 10 % |
| UGR lat./long. | 21.0 / 21.0 |

