

Surface-mounted luminaire - Frosted diffuser - direct distribution / indirect distribution for ceiling lighting - homogeneous light output through LED edge light injection

Ultra-flat luminaire housing, extruded aluminium profile, naturally anodised, visible installation height 30 mm; end faces and side parts made of naturally anodised aluminium with continuous longitudinal groove, rounded towards the bottom of the luminaire. Housing colour natural anodised aluminium; Light distribution direct distribution / indirect distribution for ceiling lighting by means of Frosted diffuser, of PMMA, homogeneous light emission by lateral LED light coupling and fitted aluminium reflector in highly reflective white coating, with micro-perforation for a moderate ceiling illumination, UGR (4H/8H) 19.2. Two integrated DALI LED drivers device type 8 (DT8). Electrical connection and connection of control cable using 5-pole connection terminal with plug-in contacts. Ceiling mounting brackets for simple clip assembly are included in the scope of delivery. Luminaire with Tunable White continuously adjustable colour temperatures, for implementing human-centric daylight simulations (HCL).

CHARACTERISTICS

| | |
|-------------------------------|---|
| Order number | 43324016915 |
| EAN number | 4020863329595 |
| Commodity code | 94051190 |
| Certification mark | IP 20, Protection class I, F, HCL, Indoor, CE |
| Impact resistance (IK rating) | IK03 |
| Ambient temperatur | ta 25°C |
| Special properties | Ready for IoT |
| Warranty period | 5 years |

ELECTRICAL ENGINEERING

| | |
|--------------------------------------|---|
| Controller | Electronic driver DALI device type 8 (1 pcs.) |
| System output | 45W |
| Mains voltage | 230V/50Hz |
| Circuit breakers (inrush current) | 7 pieces/B10, 11 pieces/B16, 11 pieces/C10, 18 pieces/C16 |
| Energy efficiency class/light source | E |

LIGHTING TECHNOLOGY

| | |
|-------------------------------|--|
| Placement | LED, Colour rendering/Light colour CRI \geq 90 / 2700K-6500K continuously adjustable |
| Colour tolerance (MacAdam) | 3SDCM |
| Nominal luminous flux | 3737lm |
| LED service life | 50000h L80/B10 (Tq 25°C) |
| Luminaire luminous efficiency | 83lm/W |
| UGR lat./long. | 19.2 / 19.1 |

MECHANICS

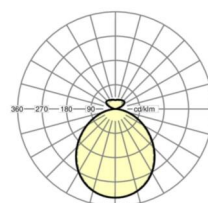
| | |
|------------------------|-------------------------------------|
| Housing colour | natural anodised aluminum |
| Dimensions (LxWxH/DxH) | 1199mm x 330mm x 42mm |
| Weight (net) | 7.6kg |
| Cable entry KE (X/Y) | 0mm/0mm |
| Type of installation | Ceiling-mounted single installation |

Dimensions

| | | |
|----|---------|--|
| L | 1199 mm | Length |
| B | 330 mm | Width |
| H | 42 mm | Height |
| A1 | 700 mm | Mounting distance single mounting |
| A4 | 230 mm | Mounting distance (width) |
| X | 0 mm | Distance cable infeed to the center of the luminaire on the X-axis |
| Y | 0 mm | Distance cable infeed to the center of the luminaire on the Y-axis |

DEEP-LINK

<https://www.regiolux.de/en/article/43324016915>



| | |
|----------------------------|--------------------|
| Reference | LED 3700lm 927-965 |
| η_{LB} | 100 % |
| $\Phi \downarrow/\uparrow$ | 84 % / 16 % |
| UGR lat./long. | 19.2 / 19.1 |

