

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 aluminum; Light distribution direct/indirect distribution, direct component using frosted pane made 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. 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 ≥ 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

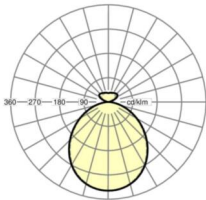
Housing colour	natural anodised aluminum
Dimensions (LxWxH/DxH)	1199mm x 330mm x 42mm
Weight (net)	7.6kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation

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
ηLB	100 %
Φ ↓↑	84 % / 16 %
UGR lat./long.	19.2 / 19.1

