

Surface-mounted luminaire - Micro-prismatic diffuser - direct distribution

Steel sheet enclosure, powder-coated rectangular cross-section, integrated Quicklock quick-mount bracket system with catch hook and safety rope for simple and quick mounting; Housing colour silver grey/white aluminium RAL 9006; Micro prism pane in "multilayer" technology, Light distribution direct distribution by means of Micro-prismatic diffuser of PMMA, Homogeneous light distribution; glare reduction through micro prism pane with special "multilayer" technology and optimised light deflecting foil. Suitable for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 18.8. Easy installation of the connection, directly on the top of the luminaire with a terminal cover cap. Electrical connection via 5-pole connection terminal with plug-in contacts.. Light Control: netlife flex55; Regiolux Classification: netlife flex; Control signal: DALI broadcast, Radio; Number of control gear (max): 15; Communication: Bluetooth; Sensor technology: PIR - passive infrared; Installation height (min/max): 2m to 4m; Monitoring area: max. D=7m; App name: Hytronik Koolmesh; System compatibility: easy25, flex44, flex50, flex54, flex55, flex56; Note: Can be linked to further Hytronik Koolmesh controllers.; System extension: flex54, flex55; Application: Office, Corridors, Secondary rooms, Meeting rooms, Classrooms; Function: Motion detection, presence detection, Corridor function, Guided Light, HCL (only with DT8 luminaires), Tunable white (only with DT8 luminaires), Daylight control, Manual dimming. If required, an AVA-MH universal mounting aid is available as an accessory. Surface-mounted luminaire for ceiling installation; connection to an SRT quick fit mounting system via an SRGVU mounting device carrier.

CHARACTERISTICS

Order number	65711056175
EAN number	4020863453290
Commodity code	94051190
Certification mark	IP 20, Protection class I, γ $65^\circ < 3000 \text{ cd/m}^2$, F, Indoor, CE
Impact resistance (IK rating)	IK03
Ambient temperatur	ta 25°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 DALI (1 pcs.)
Light Control	netlife flex55
System output	34W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 24 pieces/B16, 25 pieces/C10, 40 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

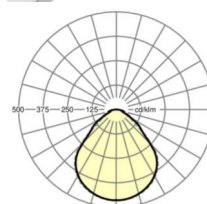
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	4200lm
LED service life	100000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	125lm/W
UGR lat./long.	18.5 / 18.8

MECHANICS

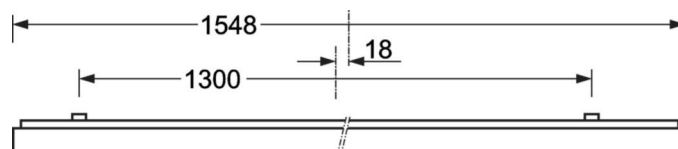
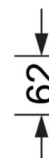
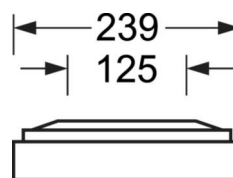
Housing colour	silver grey/white aluminium RAL 9006
Dimensions (LxWxDxH)	1548mm x 239mm x 62mm
Weight (net)	7kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation, Ceiling-mounted trunking installation, Pendulum mounting rail assembly on chain, Ceiling-mounted mounting rail installation

DEEP-LINK

<https://www.regiolux.de/en/article/65711056175>

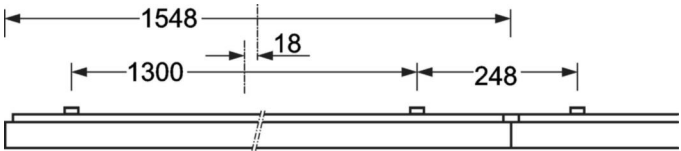


Reference	LED 4200lm 830
η_{LB}	100 %
Φ_{\downarrow}	100 % / 0 %
UGR lat./long.	18.5 / 18.8
VDU	$65^\circ < 3000 \text{ cd/m}^2$



Dimensions

L	1548 mm	Length
B	239 mm	Width
H	62 mm	Height
A1	1300 mm	Mounting distance single mounting
A3	248 mm	Mounting distance between luminaires in a light run arrangement
A4	125 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



CHARACTERISTICS

The diagram illustrates a DALI system architecture. A central horizontal red line represents the **DALI Bus**. To the left of the bus, a **BTS DALI Controller** is connected to the bus via a red line. Below the controller, a box labeled **Sensor** is connected to the bus via a grey line. To the right of the bus, a vertical red line branches off, connecting to a **DALI Leuchte(n)** (DALI luminaire(s)) box. Further to the right, a vertical dashed grey line separates the main system from optional components. To the right of this dashed line, there are three optional components, each connected to the bus via a red line labeled **optional**: a **BT Taster** (BT button), a **BTS Sensor** (BTS sensor), and a **BTS DALI Controller** (BTS DALI controller). Each optional component is also connected to a **sensor** box via a grey line. At the bottom left, a **Netz** (Network) connection is shown, leading to a **Ökoenergie as example** label.

Mounting Height	3m	4m
Ø max. sitting[S]	4m	-
Ø max. radial[R]	4m	4m
Ø max. tangential[T]	7m	7m