

Suspended luminaire/light run feed luminaire - Micro-prismatic diffuser - direct/indirect distribution

Powder-coated steel sheet enclosure; rectangular cross section; Housing colour silver grey/white aluminium RAL 9006; Homogeneous direct/indirect light distribution for VDU compatibility in accordance with the standard DIN EN 12464-1; glare reduction through microprism diffuser with special "multilayer" technology and optimised light deflecting foil; Electrical connection via integrated transparent connection cable 5x0.75mm², length 1900mm, stripped cable ends. 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. Complete height-adjustable suspension set included in the scope of delivery.

CHARACTERISTICS

Order number	65721056175
EAN number	4020863453719
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU 65°<3000, 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	51W
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

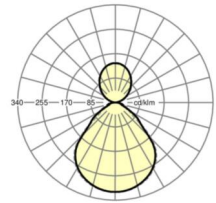
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	6363lm
LED service life	70000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	126lm/W
UGR lat./long.	16.0 / 16.3

MECHANICS

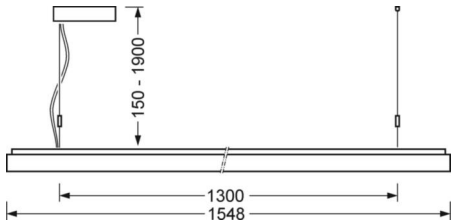
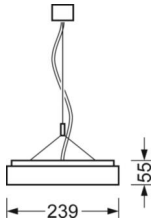
Housing colour	silver grey/white aluminium RAL 9006
Dimensions (LxWxH/DxH)	1548mm x 239mm x 55mm
Weight (net)	8.5kg
Type of installation	Pendant individual mounting, Pendant light strip mounting

DEEP-LINK

<https://www.regiolux.de/en/article/65721056175>



Reference	LED 6400lm 830
ηLB	100 %
Φ ↓/↑	67 % / 33 %
UGR lat./long.	16.0 / 16.3
VDU	65° < 3000cd/m²



Dimensions

L	1548 mm	Length
B	239 mm	Width
H	55 mm	Height
A1	1300 mm	Mounting distance single mounting
A2	1424 mm	Mounting distance 1st luminaire of the light run
A3	1548 mm	Mounting distance between luminaires in a light run arrangement
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

CHARACTERISTICS

The diagram illustrates the DALI Bus system architecture. A central red line represents the DALI Bus. On the left, a 'BTS DALI Controller' is connected to the bus. Below it, a 'Sensor' is connected to the bus. In the center, a 'DALI Leuchte(n)' (DALI luminaire(s)) is connected to the bus. On the right, a 'BT Tastler' (BT switch) is connected to the bus. Below it, a 'BTS Sensor' is connected to the bus. At the bottom right, a 'BTS DALI Controller' is connected to the bus. A dashed line labeled 'optional' indicates a connection between the central bus and the rightmost components. A 'Netz' (Network) connection is shown at the bottom left.

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