

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 5x0.75mm<sup>2</sup>, 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

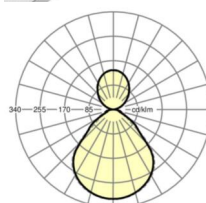
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	6363lm
LED service life	70000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	126lm/W
UGR lat./long.	16.0 / 16.3

## MECHANICS

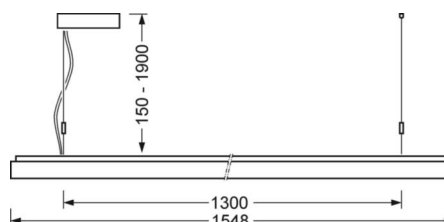
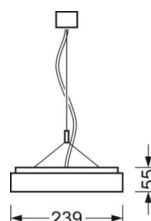
Housing colour	silver grey/white aluminium RAL 9006
Dimensions (LxWxH/DxH)	1548mm x 239mm x 55mm
Weight (net)	8.5kg
Type of installation	Pendant individual mounting, Pendant light strip mounting

## 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/m <sup>2</sup>



## Dimensions

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

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## LC SYSTEM

### CHARACTERISTICS

<b>Regiolux Classification</b>	netlife flex
<b>Control signal</b>	DALI broadcast, Radio
<b>Number of control gear (max)</b>	15
<b>Communication</b>	Bluetooth
<b>Sensor technology</b>	PIR - passive infrared
<b>Installation height (min/max)</b>	2m to 4m
<b>App name</b>	Hytronik Koolmesh
<b>System compatibility</b>	easy25, flex44, flex50, flex54, flex55, flex56
<b>Note</b>	Can be linked to further Hytronik Koolmesh controllers.
<b>System extension</b>	flex54, flex55
<b>Application</b>	Office, Corridors, Secondary rooms, Meeting rooms, Classrooms
<b>Function</b>	Motion detection, presence detection, Corridor function, Guided Light, HCL (only with DT8 luminaires), Tunable white (only with DT8 luminaires), Daylight control, Manual dimming

### MONITORING AREA

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

