

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 traffic white RAL 9016; Homogeneous direct light distribution for VDU-compatibility in accordance with DIN-EN 12464-1; glare reduction through microprism diffuser with special "multilayer" technology and optimised light deflecting foil; Integrated DALI LED driver device type 8 (DT8). Easy installation of the connection, directly on the upper side of the luminaire with a terminal cover cap. Electrical connection via 5-pole connection terminal with plug-in contacts. Light Control: netlife flex54; Regiolux Classification: netlife flex; Control signal: DALI broadcast, Radio; Number of control gear (max): 20; DALI-output nom.: 40mA; Communication: Bluetooth; Sensor technology: PIR - passive infrared; Installation height (min/max): 2m to 3m; Monitoring area: max. D=12m; 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, Daylight control, Corridor function, Guided Light, HCL (only with DT8 luminaires), Tunable white (only with DT8 luminaires), 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. Luminaire with tunable white continuously adjustable colour temperatures, for implementing daylight simulations with Human Centric Lighting (HCL).

## CHARACTERISTICS

Order number	65711046170
EAN number	4020863453269
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU 65°<3000, 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.)
Light Control	netlife flex54
System output	34W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	10 pieces/B10, 16 pieces/B16, 16 pieces/C10, 27 pieces/C16
Energy efficiency class/light source	E

## LIGHTING TECHNOLOGY

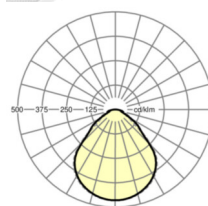
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 2700K-6500K continuously adjustable
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	3950lm
LED service life	100000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	117lm/W
UGR lat./long.	18.3 / 18.6

## MECHANICS

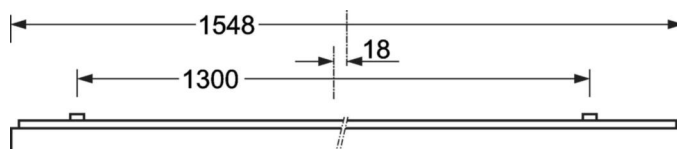
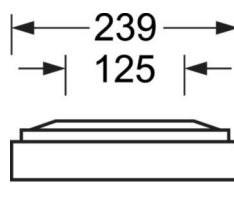
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	1548mm x 239mm x 62mm
Weight (net)	7kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation, Ceiling-mounted trunking installation, Pendulum mounting rail assembly on chain, Ceiling-mounted mounting rail installation

## DEEP-LINK

<https://www.regiolux.de/en/article/65711046170>

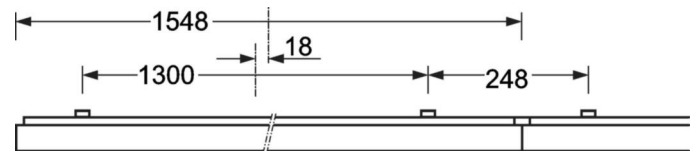


Reference	LED 4000lm 827-865
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	18.3 / 18.6
VDU	65° < 3000cd/m²



## 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



## LC SYSTEM

### CHARACTERISTICS

<b>Regiolux Classification</b>	netlife flex
<b>Control signal</b>	DALI broadcast, Radio
<b>Number of control gear (max)</b>	20
<b>DALI-output nom.</b>	40mA
<b>Communication</b>	Bluetooth
<b>Sensor technology</b>	PIR - passive infrared
<b>Installation height (min/max)</b>	2m to 3m
<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, Daylight control, Corridor function, Guided Light, HCL (only with DT8 luminaires), Tunable white (only with DT8 luminaires), Manual dimming

### MONITORING AREA

<b>Mounting Height</b>	3m
<b>Ø max. sitting[S]</b>	-
<b>Ø max. radial[R]</b>	12m
<b>Ø max. tangential[T]</b>	12m

