

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; 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;

## CHARACTERISTICS

Order number	65712056170
EAN number	4020863453443
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

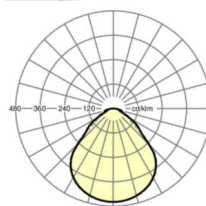
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	6507lm
LED service life	100000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	128lm/W
UGR lat./long.	18.4 / 18.7

## MECHANICS

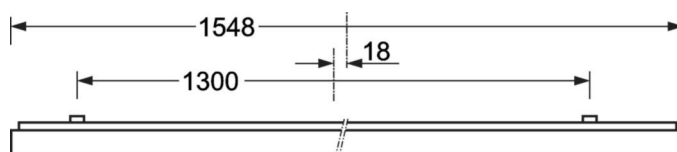
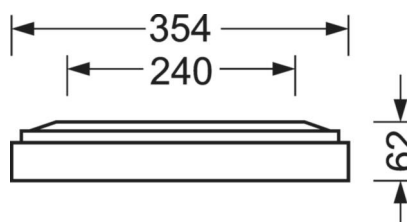
Housing colour	traffic white RAL 9016
Dimensions (LxWxDxH)	1548mm x 354mm x 62mm
Weight (net)	9kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation, Ceiling-mounted trunking installation, Mounting rail installation

## DEEP-LINK

<https://www.regiolux.de/en/article/65712056170>

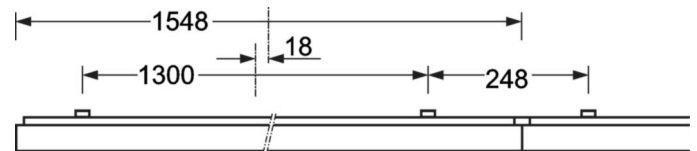


Reference	LED 6500lm 830
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	18.4 / 18.7
VDU	65° < 3000cd/m²



## Dimensions

L	1548 mm	Length
B	354 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	240 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>	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

