

Surface-mounted luminaire - Fresnel lens - direct asymmetrical distribution

Steel sheet enclosure, compact rectangular cross section, installation height 40mm; integrated Quicklock quick-fit bracket system with arrester hook and safety cable for quick and easy installation; Housing colour traffic white RAL 9016; Direct asymmetric radiant light distribution using Fresnel lens made of PMMA, homogeneous light distribution in beam direction; 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. For pendant mounting, order AVAWF-LB continuous row connector and, if necessary, additional AVAWF-SAE wire suspension separately, depending on the number of luminaires. Surface-mounted luminaire for ceiling installation.

CHARACTERISTICS

Order number	65711056190
EAN number	4020863453580
Commodity code	94051190
Certification mark	IP 20, Protection class I, F, 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 (1 pcs.)
Light Control	netlife flex54
System output	42W
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

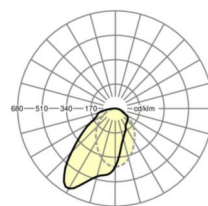
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 3000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG1
Nominal luminous flux	4455lm
LED service life	70000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	107lm/W
UGR lat./long.	23.9 / 26.4

MECHANICS

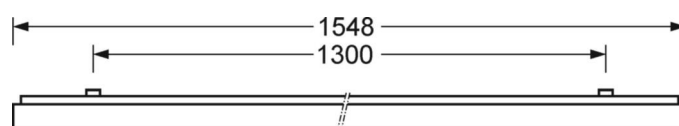
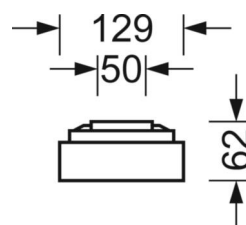
Housing colour	traffic white RAL 9016
Dimensions (LxWxH/DxH)	1548mm x 129mm x 62mm
Weight (net)	4.67kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation, Ceiling-mounted trunking installation

DEEP-LINK

<https://www.regiolux.de/en/article/65711056190>

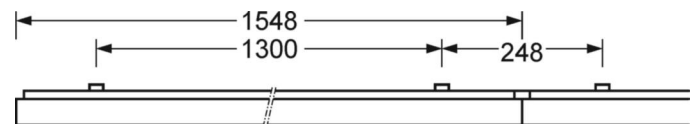


Reference	LED 4500lm 830
ηLB	100 %
Φ ↓/↑	100 % / 0 %
UGR lat./long.	23.9 / 26.4



Dimensions

L	1548 mm	Length
B	129 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	50 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

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
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

MONITORING AREA

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

