alevo-AVHIMP/1500-240 LED 6800 840 • vw RAL 9016 • DALI flex55 • 65721066170

REGIOLUX

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

Powder-coated steel sheet enclosure; rectangular cross section; Housing colour traffic white RAL 9016; 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 white 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	65721066170
EAN number	4020863453726
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

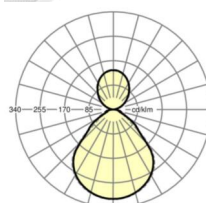|	
Controller	Electronic driver DALI (1 pcs.)
Light Control	netlife flex55
System output	51W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	13 pieces/B10, 24 pieces/B16, 25 pieces/C10, 40 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

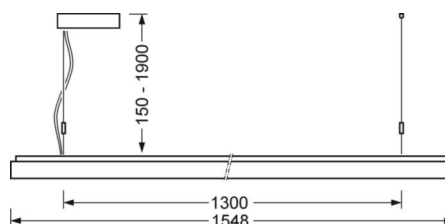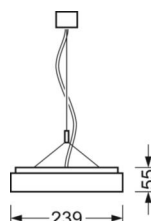|	
Placement	LED, Colour rendering/Light colour CRI ≥ 80 / 4000K
Colour tolerance (MacAdam)	3SDCM
Photobiological safety (Luminaire)	RG0
Nominal luminous flux	6792lm
LED service life	70000h L80/B10 (Tq 25°C), 50000h L90/B50 (Tq 25°C)
Luminaire luminous efficiency	134lm/W
UGR lat./long.	16.2 / 16.5

MECHANICS

Housing colour	traffic white RAL 9016
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/65721066170

Reference	LED 6800lm 840
ηLB	100 %
Φ ↓/↑	67 % / 33 %
UGR lat./long.	16.2 / 16.5
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

LC SYSTEM

CHARACTERISTICS

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
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

MONITORING AREA

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