

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

Ultra-flat luminaire housing design, painted extruded aluminium profile, visible installation height 10/24mm; Housing colour black RAL 9005; Light distribution direct/indirect distribution by means of Micro-prismatic diffuser of PMMA, Homogeneous light emission through lateral LED light coupling in Light Guide panel and semi-diffuse, reflective white coating, with special decoupling technology for defined ceiling illumination; for VDU workstations. Suitable for VDU workstations, $65^\circ < 3000 \text{ cd/m}^2$ omnidirectional glare reduction in accordance with current DIN-EN 12464-1 standard, UGR (4H/8H) 17.1. Electrical connection via integrated transparent connection cable $5 \times 0.75 \text{ mm}^2$, length 1900mm, stripped cable ends. Light Control: netlife flex10L; Regiolux Classification: netlife flex; Control signal: DALI, Radio; Number of control gear (max): 5; Communication: Bluetooth; App name: Casambi, 4remote BT; System compatibility: flex10; flex10X; flex10L; flex37; flex39; Note: compatible with Casambi; Application: Office, Meeting rooms, Secondary rooms, Retail, Corridors, Garages, Classrooms, Sports facilities; Function: Motion detection*, Corridor function*, Guided Light*, HCL (only with DT8 luminaires), presence detection*, Daylight control, Tunable white (only with DT8 luminaires), Manual dimming, *only by auxiliary devices. Komplettes höhenverstellbares Pendel-Set im Lieferumfang enthalten.

CHARACTERISTICS

Order number	46205616174
EAN number	4020863380800
Commodity code	94051190
Certification mark	IP 20, Protection class I, VDU $65^\circ < 3000$, F, Indoor, CE
Impact resistance (IK rating)	IK02
Ambient temperatur	ta 25°C
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 flex10L
System output	48W
Mains voltage	230V/50Hz
Circuit breakers (inrush current)	12 pieces/B10, 20 pieces/B16, 21 pieces/C10, 33 pieces/C16
Energy efficiency class/light source	C

LIGHTING TECHNOLOGY

Placement	LED, Colour rendering/Light colour CRI $\geq 80 / 4000\text{K}$
Colour tolerance (MacAdam)	3SDCM
Nominal luminous flux	6414lm
LED service life	50000h L90/B10 (Tq 25°C)
Luminaire luminous efficiency	135lm/W
UGR lat./long.	17.1 / 16.4

MECHANICS

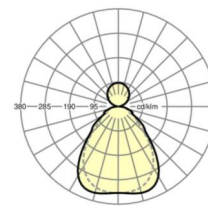
Housing colour	black RAL 9005
Dimensions (LxWxDxH)	1558mm x 321mm x 24mm
Weight (net)	6.2kg
Type of installation	Pendant individual mounting, Pendant light strip mounting

Dimensions

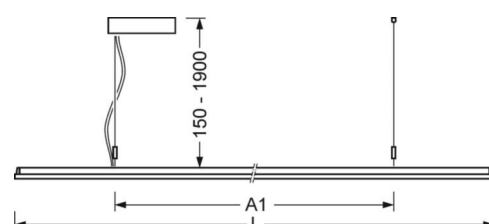
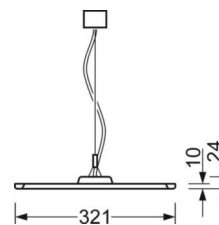
L	1558 mm	Length
B	321 mm	Width
H	24 mm	Height
A1	900 mm	Mounting distance single mounting
P min	150 mm	Minimum suspension length
P max	1900 mm	Maximum suspension length

DEEP-LINK

<https://www.regiolux.de/en/article/46205616174>



Reference	LED 6400lm 840
η_{LB}	100 %
$\Phi \downarrow/\uparrow$	74 % / 26 %
UGR lat./long.	17.1 / 16.4
VDU	$65^\circ < 3000 \text{ cd/m}^2$



LC SYSTEM

CHARACTERISTICS

Regiolux Classification	netlife flex
Control signal	DALI, Radio
Number of control gear (max)	5
Communication	Bluetooth
App name	Casambi, 4remote BT
System compatibility	flex10; flex10X; flex10L; flex37; flex39
Note	compatible with Casambi
Application	Office, Meeting rooms, Secondary rooms, Retail, Corridors, Garages, Classrooms, Sports facilities
Function	Motion detection*, Corridor function*, Guided Light*, HCL (only with DT8 luminaires), presence detection*, Daylight control, Tunable white (only with DT8 luminaires), Manual dimming, *only by auxiliary devices

