

Surface-mounted luminaire - Micro-prismatic diffuser - direct distribution / indirect distribution for ceiling lighting - homogeneous light output through LED edge light injection

Ultra-flat luminaire housing, extruded aluminium profile, naturally anodised, visible installation height 30 mm; end faces and side parts made of naturally anodised aluminium with continuous longitudinal groove, rounded towards the bottom of the luminaire. Housing colour natural anodised aluminum; Direct/indirect light distribution, direct portion by means of a microprism made of PMMA, homogeneous light emission through lateral LED light coupling and fitted aluminium reflector in a highly reflective white coating, with micro-perforation for a moderate ceiling illumination; for computer screen workstations, omnidirectional glare suppression according to the current norm DIN-EN 12464-1. Integrated LED driver design.. Wired ready for connection via integrated transparent connection cable 9x0.75mm², stripped cable ends. Light Control: netlife easyM5S5; Regiolux Classification: netlife easy; Control signal: DALI broadcast; Number of control gear (max): 32; Communication: Wired; Sensor technology: PIR - passive infrared; Installation height (min/max): 2m to 5m; Monitoring area: max. D=7m; Remote control: 84501041200; Optional remote control: 84501042100; Application: Office, Secondary rooms, Meeting rooms, Classrooms, Corridors; Function: Motion detection, presence detection, Daylight control, Manual dimming, Corridor function. Ceiling mounting brackets for simple clip assembly are included in the scope of delivery. Remote control for the commissioning and/or operation of the DALIeco (M5S5) light control system must be ordered separately.

CHARACTERISTICS

Order number	43351028175
EAN number	4020863315710
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
Warranty period	5 years

ELECTRICAL ENGINEERING

Controller	Electronic driver M5S5 DALI (1 pcs.)
System output	55W
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
Nominal luminous flux	6295lm
LED service life	50000h L80/B10 (Tq 25°C)
Luminaire luminous efficiency	115lm/W
UGR lat./long.	18.2 / 18.3

MECHANICS

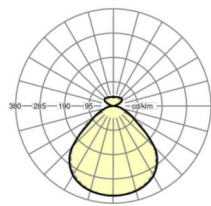
Housing colour	natural anodised aluminum
Dimensions (LxWxH/DxH)	1480mm x 330mm x 42mm
Weight (net)	9.1kg
Cable entry KE (X/Y)	0mm/0mm
Type of installation	Ceiling-mounted single installation

Dimensions

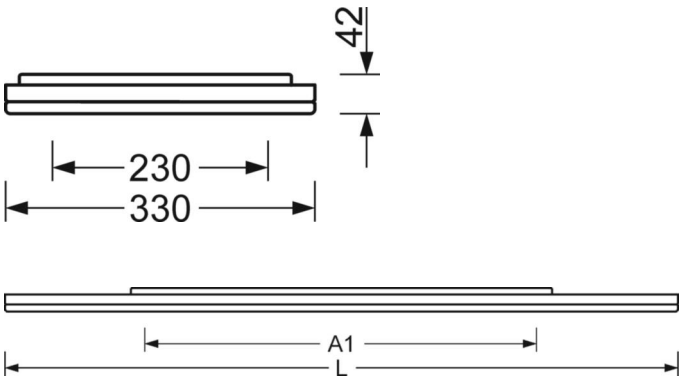
L	1480 mm	Length
B	330 mm	Width
H	42 mm	Height
A1	700 mm	Mounting distance single mounting
A4	230 mm	Mounting distance (width)
X	0 mm	Distance cable infeed to the center of the luminaire on the X-axis
Y	0 mm	Distance cable infeed to the center of the luminaire on the Y-axis

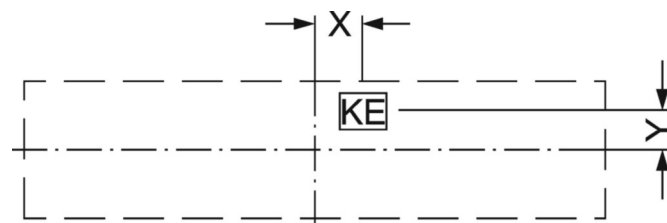
DEEP-LINK

<https://www.regiolux.de/en/article/43351028175>



Reference	LED 6300lm 840
ηLB	100 %
Φ ↓/↑	84 % / 16 %
UGR lat./long.	18.2 / 18.3
VDU	65° < 3000cd/m²

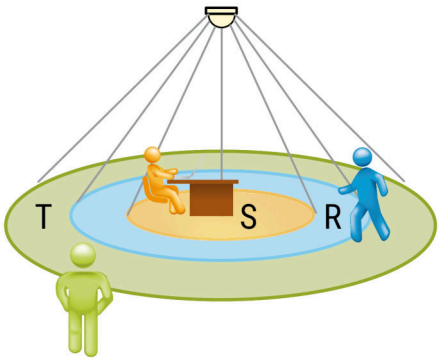




LC SYSTEM

CHARACTERISTICS

Regiolux Classification	netlife easy
Control signal	DALI broadcast
Number of control gear (max)	32
Communication	Wired
Sensor technology	PIR - passive infrared
Installation height (min/max)	2m to 5m
Remote control	84501041200
Optional remote control	84501042100
Application	Office, Secondary rooms, Meeting rooms, Classrooms, Corridors
Function	Motion detection, presence detection, Daylight control, Manual dimming, Corridor function



MONITORING AREA

Mounting Height	2,5m	3,5m	5m
Ø max. sitting[S]	3,3m	5m	-
Ø max. radial[R]	5,3m	7m	7m
Ø max. tangential[T]	-	-	-

