

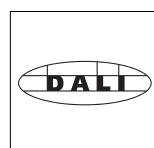
58377.000 White (RAL9002)
LED 10W 930lm 3000K warm white
Casambi Bluetooth
Version 5

Product description

Cylindrical light head: cast aluminium, powder-coated. 270° tilt.
Housing: polymer, rotatable on 3-circuit adapter through 360°.
ERCO Casambi control gear.
3-phase adapter for ERCO 220-240V track: polymer, white.
LED module: high-power LEDs on metal-core PCB.
Contour attachment with framing attachment: polymer, black, rotatable through 360°. Fresnel lens.
Holder with projection lens, continuously focusable.
Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
Protection Class II
Weight 0.65kg

Technical data

Luminous flux of the luminaire	334lm
Connected load	12.0W
Luminaire efficacy	28lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 92
Lumen maintenance (LED manufacturer specifications)	L90/B10 ≤50000h L90 ≤100000h
LED failure rate	0.1% ≤50000h
Dimming range	0.1%-100%
Dimming method	CCR
LMF	C
Energy efficiency class	EEI A+
Standby power per control gear	0.4W
Luminaires per circuit breaker B16	219



DALI controllable via accessory
DALI Casambi Gateway for controlling Casambi Bluetooth via DALI.



Mounting
ERCO 3-circuit track
Hi-trac 3-circuit track
1-circuit singlet

For your regional contact in the ERCO
Sales network click here
www.erco.com/contact

Technical Region: 220-240V 50/60Hz
We reserve the right to make technical and design changes.
Edition: 19.10.2020
Current version under
www.erco.com/58377.000

Planning data

Cleaning (a)	1				2				3			
Ambient conditions	P	C	N	D	P	C	N	D	P	C	N	D
LMF	0.94	0.89	0.81	0.75	0.91	0.80	0.69	0.59	0.87	0.74	0.61	0.52
RSMF	0.99	0.97	0.95	0.92	0.98	0.97	0.95	0.92	0.98	0.97	0.95	0.92

Hours of operation (h)	1000	5000	10000	20000	30000	40000	50000
LLMF	1.00	0.99	0.98	0.96	0.94	0.92	0.90
LSF	1	1	1	1	1	1	1

MF	LMFxRSMFxLLMFxLSF
MF	Maintenance Factor
LMF	Luminaire Maintenance Factor
RSMF	Room Surface Maintenance Factor
LLMF	Lamp Lumens Maintenance Factor
LSF	Lamp Survival Factor
P	Room pure
C	Room clean
N	Room normal
D	Room dirty

Technical data in accordance with international norms and standards


IEC 60598	Luminaires – Part 1+2: general requirements, specific requirements and tests
IEC 62031	LED modules for general lighting – safety requirements
IEC 62471	Photobiological safety of lamps and lamp systems
EN 13032-4	Light and lighting – measurement and representation of photometric data
CIE 13	Method of measuring and specifying colour rendering properties of light sources

All technical data is subject to industrially standard tolerances.
Also see www.ercos.com/ercos-led

Accessories




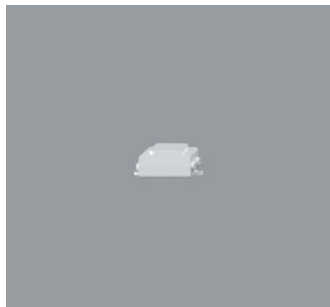
55248.000

ERCO Casambi motion detector with light sensor for ERCO 220-240V track. Setup via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices. Use for daylight-dependent light control with or without motion detector. Detection range of infrared (PIR) sensor 100°/ 5m. At 3m room height, this is a circle with diameter of approx. 7m. 3-phase adapter for ERCO 220-240V track: plastic, white. Available from 3rd quarter 2020
White
Weight 0.18kg
CE 



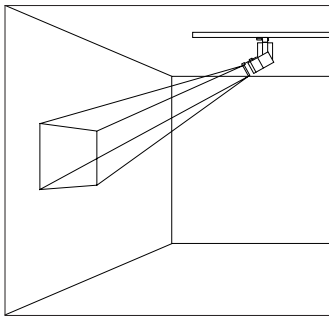
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Black
Weight 0.18kg
CE 



55251.000

DALI Casambi Gateway
Enables DALI systems to be connected to luminaires, sensors and control units with Casambi Bluetooth. The gateway can only be operated in Evolution networks. Power is supplied exclusively via the DALI bus. Connection via two lines which must be designed for mains voltage. The gateway requires no DALI addresses, the devices appear as non-configured devices in the DALI system. Addressing/commissioning is performed via the DALI control. It can individually control 64 devices, and via the broadcast command up to 249 devices.



Measured illuminance levels (new values) E (lx) and maximum edge length D (m) of square projection through framing attachment dependent on projection distance h (m)

Warm white 10W 930lm

h (m)	E (lx)	D (m)
1	2455	0.43
2	607	0.85
3	237	1.28
4	128	1.65
5	93	2.10