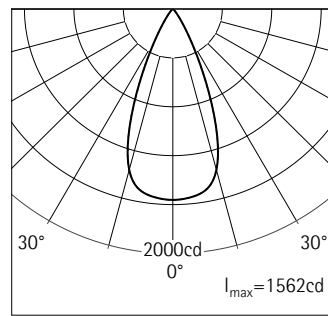


A9000161 Black (RAL9011)
 LED module: 9.9W 1271lm 3500K neutral white
 Casambi Bluetooth
 Version 1
 Construction size S
 Spherulitic lens, wide flood

Product description
 Cylindrical light head: cast aluminium, powder-coated. 270° tilt.
 Housing: polymer, rotatable on adapter through 360°.
 Minirail adapter for ERCO Minirail 48V track: polymer, black.
 ERCO Casambi control gear.
 LED module: high-power LEDs.
 Collimating lens made of optical polymer.
 Lens unit: polymer, black. Spherulitic lens made of optical polymer.
 Install the luminaire out of people's normal reach.
 Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
 Safety class III
 Weight 0.33kg



h(m)	E(lx)	D(m)
		44.6°
1.0	1561	0.82
2.0	390	1.64
3.0	173	2.46
4.0	98	3.28
5.0	62	4.10

Technical data

Luminous flux of the luminaire	883lm
Connected load	11.4W
Luminaire efficacy	77lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 92
Lumen maintenance	L90/B10 >50000h L90 >100000h
LED failure rate	0.1% >50000h
Dimming range	1%-100%
Dimming method	CCR
TLA (Temporal Light Artefacts)	SVM ≤ 0.1; PstLM ≤ 1
LMF	E
Standby power per control gear	0.4W
Luminaires per circuit breaker B16	--



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



Mounting
 Minirail 48V track
 Minirail 48V singlet

For your regional contact in the ERCO
 Sales network [click here](http://www.erco.com/contact)
www.erco.com/contact

Technical Region: 220-240V 50/60Hz
 We reserve the right to make technical and design changes.
 Edition: 28.04.2026
 Current version under
www.erco.com/A9000161

Planning data

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A9000161 (direct)	3500K CRI 92	0.62	0.57

MR Melanopic factor (of luminous radiation) $a_{mel,v}$
 MDER Melanopic Daylight Efficacy Ratio $[\gamma]_{mel,v,D65}$

Multiplying the illuminance with the melanopic daylight efficacy ratio MDER gives the melanopic equivalent daylight illuminance MEDI. (MEDI Melanopic Equivalent Daylight Illuminance $[lx] E_{v, mel, D65} [lx]$).

Extract from the Environmental Product Declaration (EPD)

The entire EPD can be found at: www.ercos.com/A9000161

Extrapolation coefficients to convert the reference data from the EPD document for the declared unit

Lighting output	Manufacturing	Distribution	Installation	Use	EoL	Benefits and loads
793	1	0.99	1	1	0.981	1

Frequently used EPD data that have already been converted for this article number.

Parameter	Unit	A1-A3	A4	A5	B6	C1	C2	C3	C4	D	Total, excl. D
Results per functional unit											
GWP	kg CO2-eq.	6.36E00	9.86E-02	2.72E-01	1.52E02	0.00E00	2.31E-03	1.96E-01	2.18E-03	-1.09E-01	1.59E02
GWP-biogenic	kg CO2-eq.	-2.61E-01	0.00E00	2.61E-01	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00
Results per declared unit											
GWP	kg CO2-eq.	1.08E01	1.68E-01	4.62E-01	2.59E02	0.00E00	3.91E-03	3.34E-01	3.70E-03	-1.85E-01	2.71E02
GWP-biogenic	kg CO2-eq.	-4.43E-01	0.00E00	4.43E-01	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00

- A1-A3 Manufacturing
- A4 Distribution
- A5 Installation
- B6 Use
- C1-C4 End of Life
- D Benefits and loads

The data for operating the light (Use B6) refer to the European power source mix. You will find the ERCO EPD Help under Downloads/General planning data.

Cleaning (a) Ambient conditions	1				2				3			
	P	C	N	D	P	C	N	D	P	C	N	D
LMF	0.96	0.94	0.90	0.86	0.93	0.91	0.86	0.81	0.92	0.90	0.84	0.79

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

Data according to regulations

2019/2020/EU supplemented by 2021/341/EU and 2019/2015/EU supplemented by 2021/340/EU Energy Consumption Labelling Ordinance

This product contains a light source of efficiency class D
 Due to thermal and photometric properties as well as to protect electronic components from ESD (electrostatic discharge) the light source cannot be changed by the customer.

ID EPREL: 1708826
 Model identifier: 3000068470
 Download data sheets for control gear and disassembly instructions at www.ercos.com/slr

Planning data

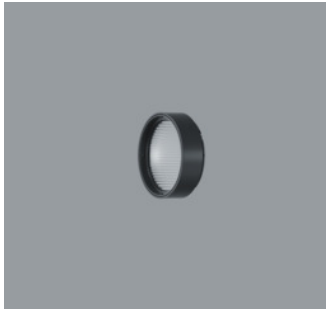
Technical data in accordance with international norms and standards

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 industry-standard tolerances.
Also see www.erco.com/erco-led

For explanations of the symbols and abbreviations used and other general information, see www.erco.com/symbols

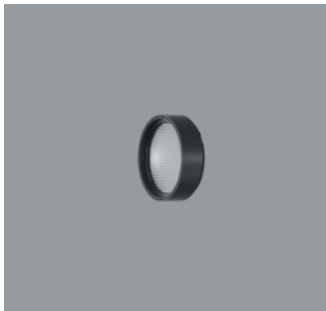
Accessories



AC002064
 Lens unit spot
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.04kg
CE



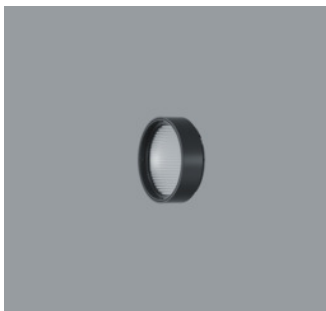
AC002122
 Lens unit zoom spot
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.
 Weight 0.04kg
CE



AC002062
 Lens unit flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.04kg
CE



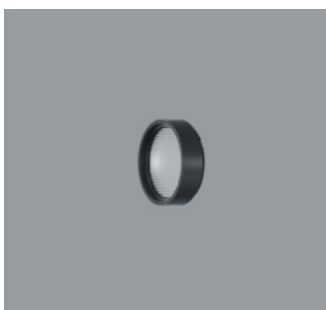
AC002263
 Lens unit narrow framing
 Aluminium/polymer, coated black, pivotable through 360°. Replacement without tools.
 Projection lens, continuously focusable. Ideal for long projection distances.
 Framing attachment: stainless steel, black.
 Aperture.
 Weight 0.18kg
CE



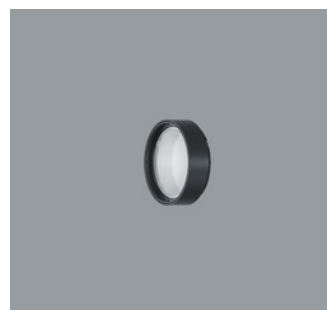
AC002060
 Lens unit wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.04kg
CE



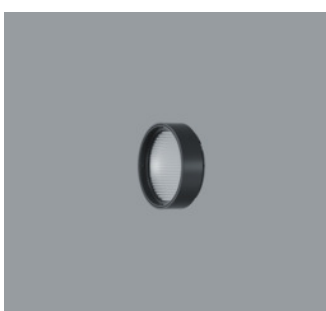
AC002266
 Lens unit wide framing
 Aluminium/polymer, coated black, pivotable through 360°. Replacement without tools.
 2 projection lenses, continuously focusable. Ideal for short projection distances.
 Framing attachment: stainless steel, black.
 Aperture.
 Weight 0.18kg
CE



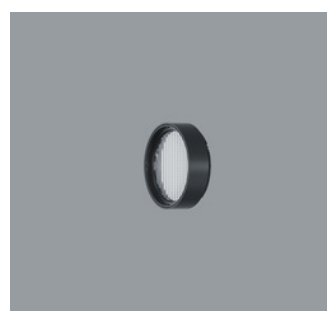
AC002063
 Lens unit extra wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.04kg
CE



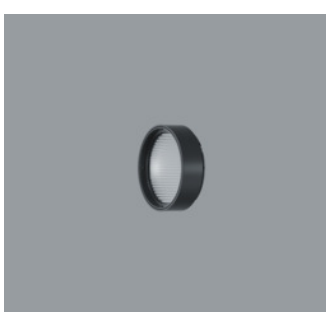
AC006002
 Softening lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
 Weight 0.03kg



AC002061
 Lens unit oval flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.04kg
CE



AC006025
 Sculpture lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
 Weight 0.03kg



AC002065
 Lens unit wallwash
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.04kg
CE



AC001010
 Snoot
 Polymer, black.

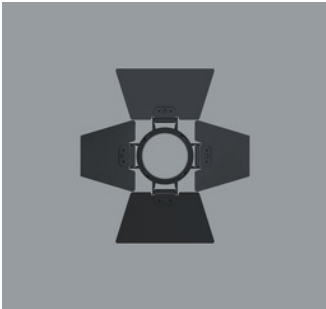
Accessories



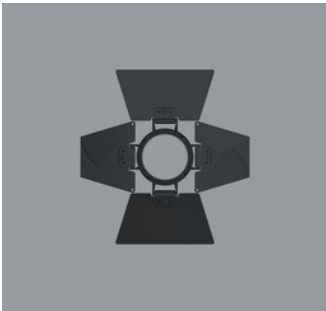
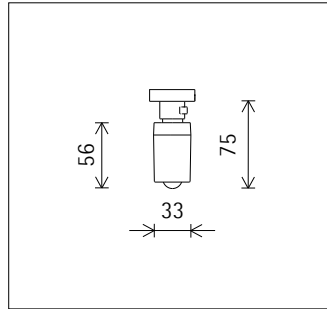
AC004024
Honeycomb anti-glare screen
Black
Weight 0.02kg



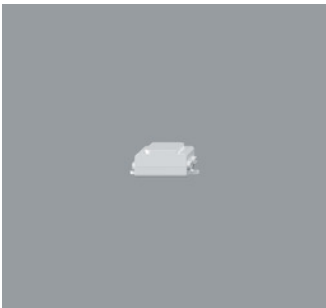
56012.000
ERCO Casambi motion detector with light sensor
Black (RAL9011).
Setup via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices.
Use for daylight-dependent light control with or without motion detector.
Detection range of infrared (PIR) sensor 100°/ 5m. At 3m room height, this is a circle with diameter of approx. 7m.
Minirail adapter for ERCO Minirail 48V track: polymer, black.
Weight 0.05kg
CE



AC005002
Barn doors 4-fold
Aluminium, coated black.
Weight 0.07kg



AC005004
Barn doors 8-fold
Aluminium, coated black.
Weight 0.08kg



AC007001
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.
This article is identical with article 55251.
CE

