

A1039261 Black
 LED module: 2W 215lm 3000K warm white
 Casambi Bluetooth
 Version 1
 Size XS
 Spherolit lens, wallwash

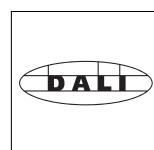
Product description
 Housing: Zinc die-cast, powder-coated; can be swivelled through 90° on the bracket. Upper cover made of polymer.
 Bracket: polymer; can be rotated through 360° on the adapter.
 Minirail adapter for ERCO Minirail 48V track: polymer, black.
 ERCO control gear.
 Add-on control unit: Casambi Bluetooth.
 LED module: high-power LEDs. Collimating lens made of optical polymer.
 Lens unit: polymer, black, rotatable through 360°. Spherolit lens made of optical polymer.
 Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
 Protection Class III
 Weight 0.21kg

Mean illuminance E_n (wall)

Angle of tilt 35°		
Wall height (m)	2	
Offset from wall (m)	0.75	0.75
Luminaire spacing (m)	0.75	1.00
Illuminance E _n (lx)	75	56

Technical data

Luminous flux of the luminaire	163lm
Connected load	3.0W
Luminaire efficacy	54lm/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	E
Standby power per control gear	0.3W
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

Planning data

Illuminance E_n (lx)

Specifications:

Number of luminaires $n > 5$

Wall height (m) 2.5

Angle of tilt 35°

Offset from wall (m)	0.75		0.75	
	0.75		1.00	
Luminaire spacing (m)	below the luminaire	between the luminaires	below the luminaire	between the luminaires
0.250	29	35	25	22
0.500	69	75	53	55
0.750	88	92	67	67
1.000	92	94	70	71
1.250	90	91	68	69
1.500	83	84	63	63
1.750	72	73	55	55
2.000	59	59	45	45
2.250	46	46	35	35

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1039261 (direct)	3000K CRI 92	0.54	0.48

MR Melanopic ratio according to DIN SPEC 5031-100-100:2015-08: "amel;v"

MDER Melanopic daylight equivalent ratio according to DIN SPEC 5031-100-100:2015-08: "amel;D65;v"

Multiplying the melanopic ratio MR with the illuminance gives the equivalent melanopic illuminance EML (equivalent melanopic lux). The equivalent illuminance with daylight (D65) is obtained by multiplying the illuminance by the melanopic daylight equivalent ratio MDER.

Cleaning (a)	1				2				3			
	P	C	N	D	P	C	N	D	P	C	N	D
Ambient conditions	0.96	0.94	0.90	0.86	0.93	0.91	0.86	0.81	0.92	0.90	0.84	0.79
LMF	0.99	0.97	0.95	0.92	0.98	0.97	0.95	0.92	0.98	0.97	0.95	0.92
RSMF												
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	LMF x RSMF x LLMF x LSF
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 E

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: 696714

Model identifier: 3000053600

Download data sheets for control gear and disassembly instructions at www.erco.com/slr

Planning data

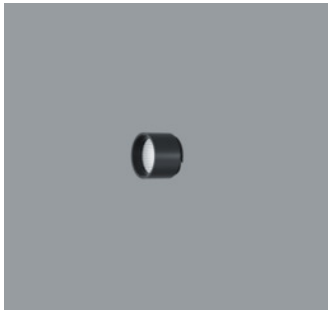
Technical data in accordance with international norms and standards

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

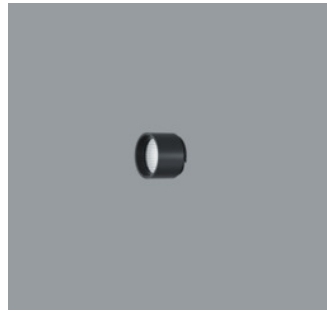
All technical data is subject to industry-standard tolerances.
Also see www.erco.com/erco-led

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

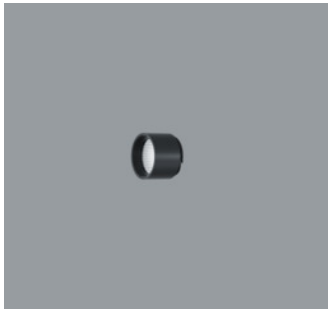
Accessories



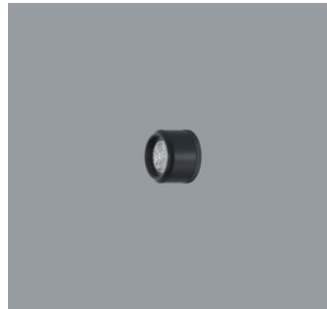
AC002083
 Lens unit spot
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



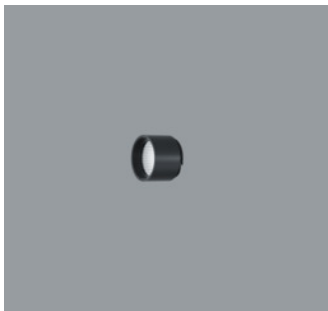
AC002085
 Lens unit wallwash
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



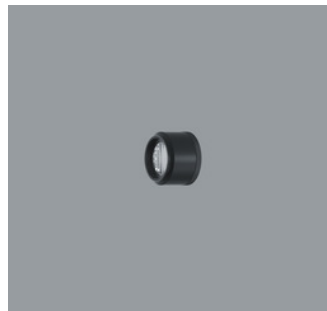
AC002081
 Lens unit flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



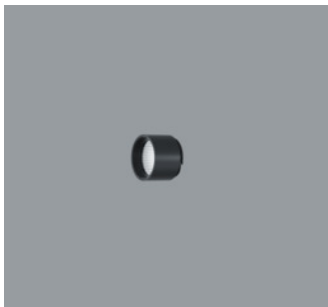
AC002118
 Lens unit zoom spot
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Zoom lens made of optical polymer, infinitely variable focus.



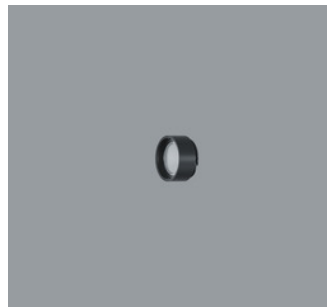
AC002059
 Lens unit wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



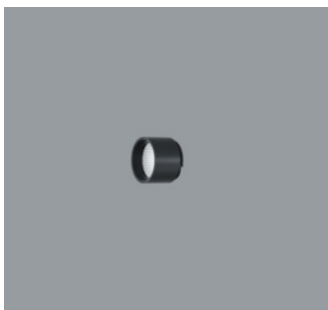
AC002117
 Lens unit zoom oval
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Zoom lens made of optical polymer, infinitely variable focus.



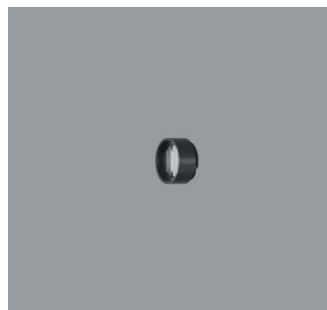
AC002082
 Lens unit extra wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



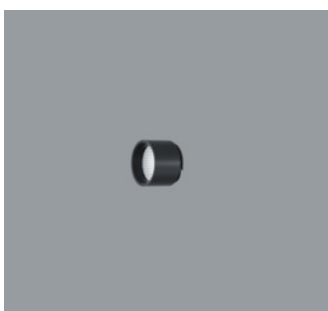
AC006014
 Softening lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



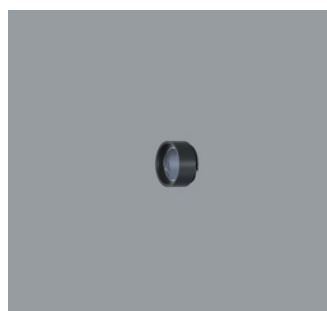
AC002070
 Lens unit oval flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC006027
 Sculpture lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

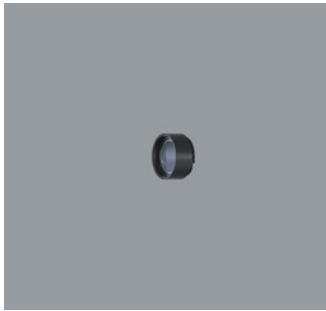


AC002107
 Lens unit oval wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.

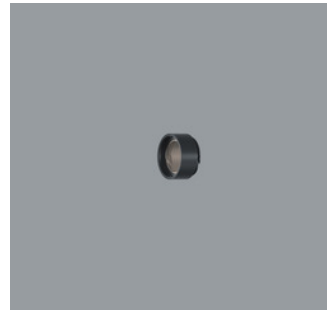


AC006022
 Cold Filter
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

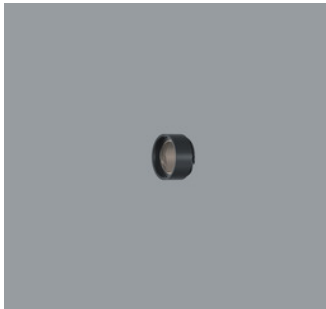
Accessories



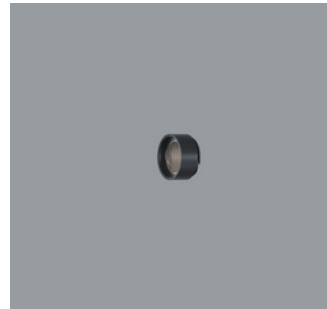
AC006020
Cold Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



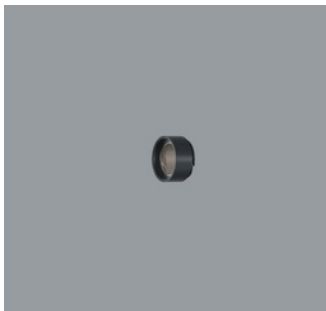
AC006019
Bread and Pastry Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



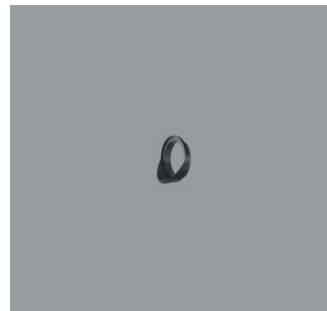
AC006018
Warm Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



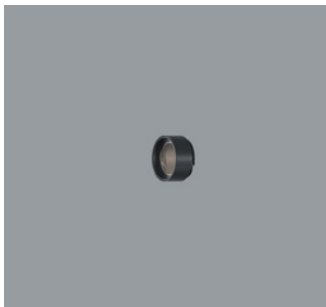
AC006015
Blue Light Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



AC006016
Warm Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



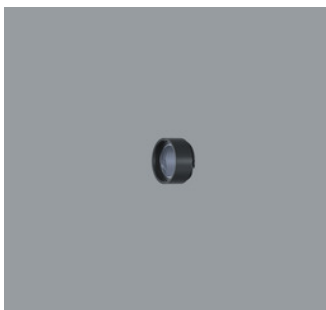
AC001006
Snoot
Polymer, black.



AC006017
Skintone Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



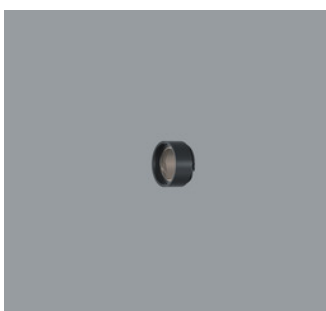
AC004027
Honeycomb anti-glare screen
Black



AC006024
Fish Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



AC003002
Add-on Control Unit On-board Dim
Polymer, black. Replacement without tools.
Rotary control for brightness regulation.

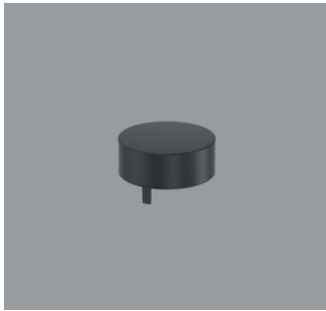


AC006021
Marbled Meat Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



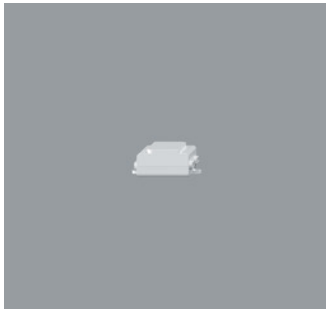
AC003004
Add-on Control Unit Zigbee
Polymer, black. Replacement without tools.
Control via a Zigbee 3.0 compliant hub.

Accessories



AC003001

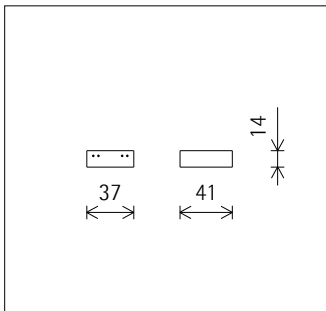
Add-on Control Unit Casambi Bluetooth
 Polymer, black. Replacement without tools.
 Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.



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.

CE



56012.000

ERCO Casambi motion detector with light sensor for ERCO Minirail 48V 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.
 Minirail adapter for ERCO Minirail 48V track: polymer, black.
 Available from 2nd quarter 2023
 Black
 Weight 0.18kg
 CE 