ERCO

Parscan 48V Lens wallwasher

Ø60 132 86

LED

CE ⊕15 ⚠ ⓛ UK CA

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A1002188 Black
LED module: 5.7W 714lm 4000K neutral white
Casambi Bluetooth
Version 1
Size S
Spherolit lens, wallwash

Product description
Housing: cast aluminium, powder-coated; can be swivelled through 90° on the bracket. Upper cover made of polymer.
Bracket: cast aluminium/polymer, coated; 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. 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 0.28kg

Mean illuminance E_n (wall)

Angle of tilt 35°				
Wall height (m)	3			
Offset from wall (m)	0.75	0.75	1.00	1.00
Luminaire spacing (m)	0.75	1.00	1.25	1.50
Illuminance E_n (lx)	**219**	**166**	**114**	**95**

Technical data

Luminous flux of the luminaire	543lm
Connected load	6.5W
Luminaire efficacy	83lm/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	--
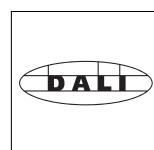
DALI

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

Mounting
Minirail 48V track
Minirail 48V singlet

ERCO

Parscan 48V Lens wallwasher

Planning data

Illuminance E$_n$ (lx)
Specifications:
Number of luminaires n > 5
Wall height (m) 3.0
Angle of tilt 35°

	Offset from wall (m) 0.75		Offset from wall (m) 0.75		Offset from wall (m) 1.00		Offset from wall (m) 1.00	
Luminaire spacing (m)	0.75		1.00		1.25		1.50	
	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires
0.250	109	117	91	77	44	42	41	29
0.500	233	269	185	187	95	95	88	67
0.750	286	314	213	238	118	133	105	101
1.000	303	317	225	242	128	146	111	116
1.250	298	305	223	230	134	146	116	118
1.500	270	276	205	207	135	142	116	115
1.750	229	234	174	176	130	134	111	108
2.000	183	187	139	142	120	122	102	99
2.250	143	144	108	110	106	108	90	88
2.500	109	109	83	85	90	92	77	76
2.750	83	82	63	64	75	77	64	64

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1002188 (direct)	4000K CRI 92	0.71	0.65

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			
Ambient conditions	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
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

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: 985718
Model identifier: 3000057848
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**

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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
EN13032-4	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
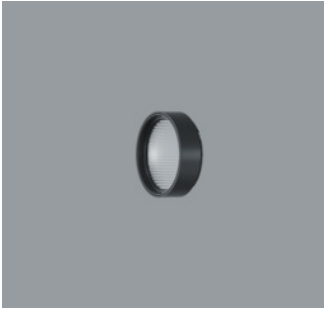
AC002064
Lens unit spot
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.
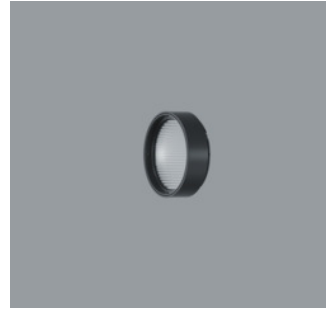
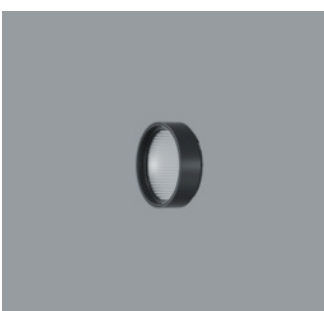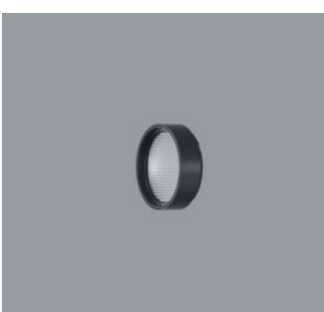**AC002065**
Lens unit wallwash
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.
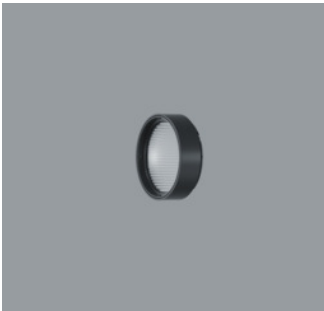
AC002062
Lens unit flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

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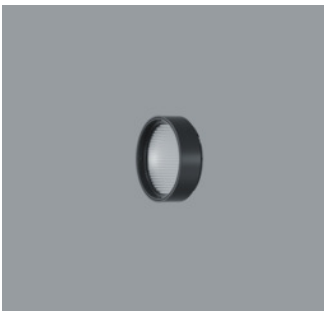
AC002060
Lens unit wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

AC002123
Lens unit zoom oval
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Anti-reflective zoom lens made of optical polymer, infinitely variable focus.
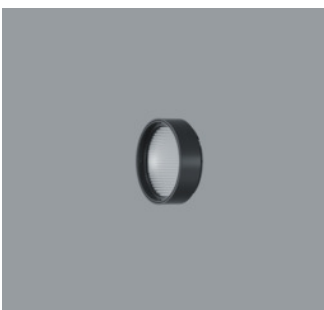
AC002063
Lens unit extra wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

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.

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

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.

AC002067
Lens unit oval wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
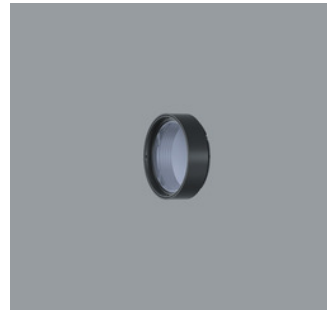Spherolit lens made of optical polymer.
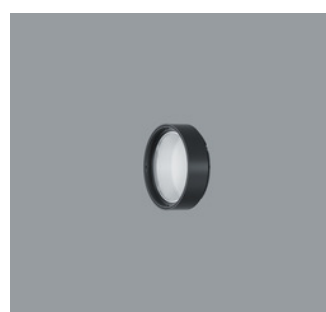
AC006002
Softening lens
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
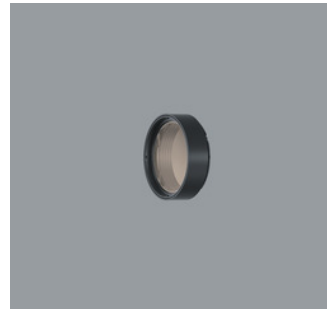
Accessories
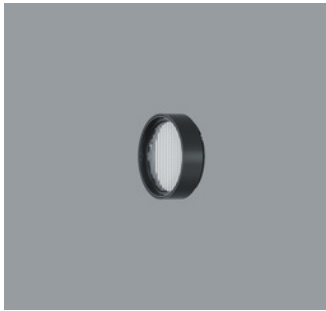
AC006025
Sculpture lens
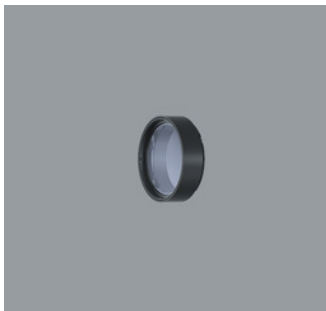Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006013
Fish Filter
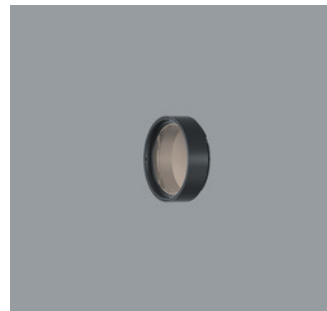Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006009
Cold Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
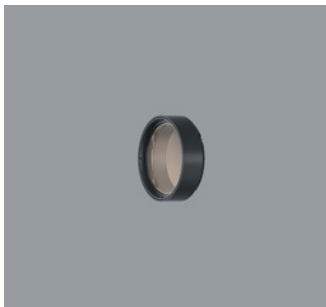
AC006010
Marbled Meat Filter
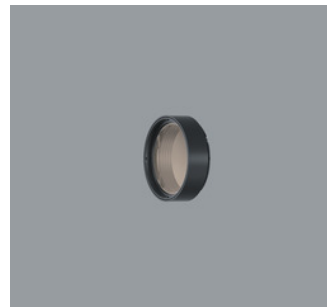Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006007
Cold Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
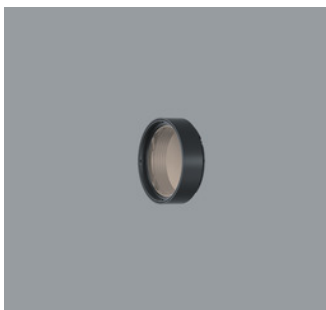
AC006008
Bread and Pastry Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006005
Warm Filter
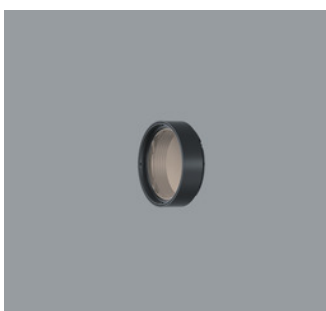Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006004
Blue Light Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006003
Warm Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
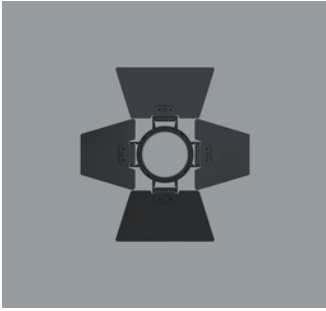
AC001001
Snoot
Polymer, black.

AC006006
Skintone Filter
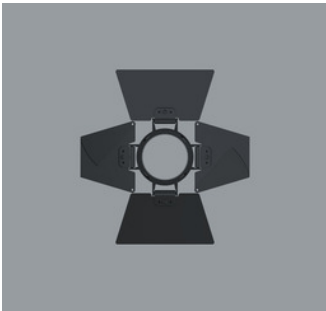Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC004024
Honeycomb anti-glare screen
Black

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Accessories

AC005002
Barn doors 4-fold
Aluminium, coated black.

AC005004
Barn doors 8-fold
Aluminium, coated black.

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

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

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.
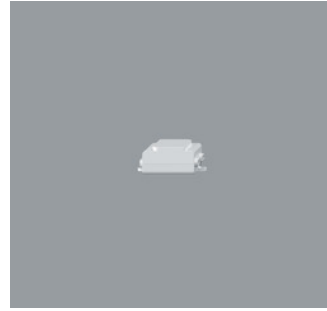
AC007001
DALI Casambi Gateway
Enables DALI systems to be connected to luminaires, sensors and control units with Casambi Bluetooth. The gateway can only be operated in Evolution networks. Power is supplied exclusively via the DALI bus. Connection via two lines which must be designed for mains voltage. 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
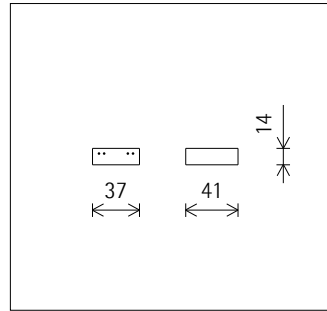
56012.000
ERCO Casambi motion detector with light sensor
for ERCO Minirail 48V track.
Setup via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices.
Use for daylight-dependent light control with or without motion detector. Detection range of infrared (PIR) sensor 100°/ 5m. 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 ⬦ UK CA