ERCO

Parscan 48V Lens wallwasher

Ø60   132   86

LED

CE ⊠15 ⊛ ⦿III UKCA

Bluetooth symbol

A1002186 Black
LED module: 5.7W 810lm 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)	**249**	**188**	**130**	**108**

Technical data

Luminous flux of the luminaire	615lm
Connected load	6.5W
Luminaire efficacy	95lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 82
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	--
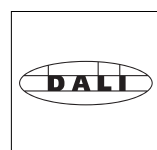
DALI

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

Mounting
Minirail 48V track
Minirail 48V singlet

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

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Technical Region: 220-240V 50/60Hz
We reserve the right to make technical and design changes.
Edition: 28.01.2023
Current version under
www.erco.com/A1002186

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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		0.75		1.00		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	124	133	103	87	50	48	47	33
0.500	265	305	210	213	108	108	100	76
0.750	324	357	241	270	134	151	119	114
1.000	344	359	255	274	145	165	126	131
1.250	338	346	253	261	152	166	131	134
1.500	307	313	232	234	153	161	131	130
1.750	260	265	197	199	147	152	126	123
2.000	208	212	158	161	136	139	116	112
2.250	162	163	123	125	120	122	102	100
2.500	124	124	94	96	102	105	87	86
2.750	94	93	72	73	86	88	72	72

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1002186 (direct)	4000K CRI 82	0.68	0.62

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 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: 985717
Model identifier: 3000057847
Download data sheets for control gear and disassembly instructions at
www.erco.com/slr

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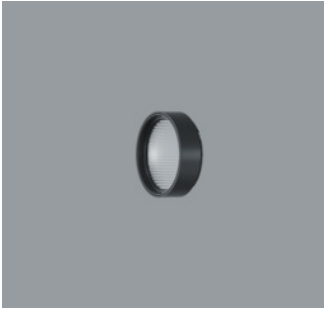
AC002064
Lens unit spot
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.
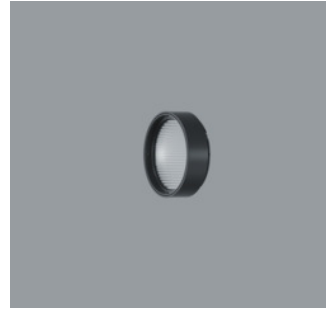
AC002065
Lens unit wallwash
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.
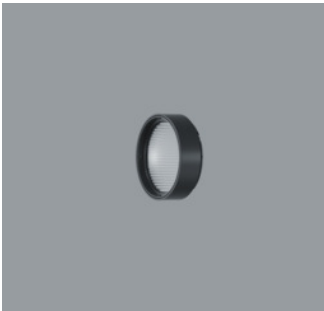
AC002062
Lens unit flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
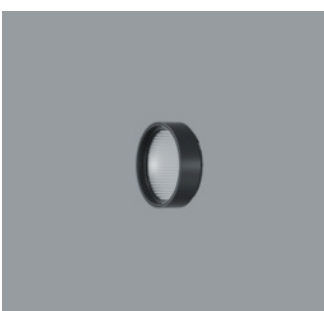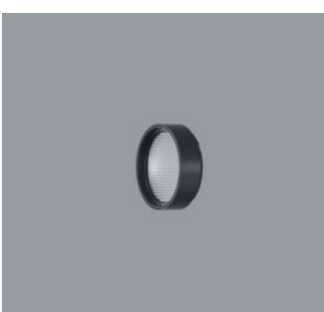Spherolit lens made of optical polymer.

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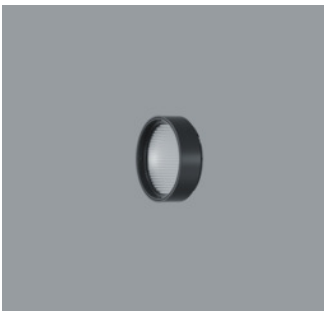
AC002060
Lens unit wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

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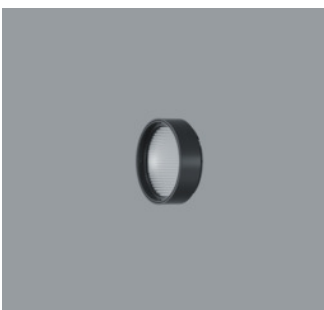
AC002063
Lens unit extra wide flood
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

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.
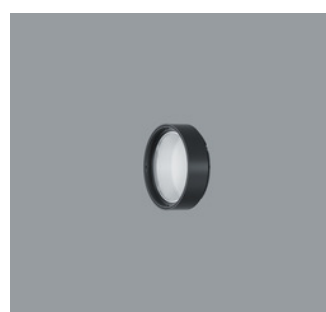
AC006002
Softening lens
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
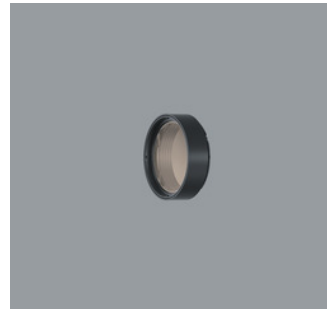
Accessories
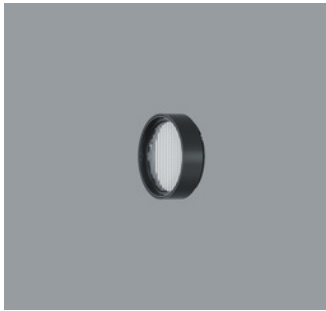
AC006025
Sculpture lens
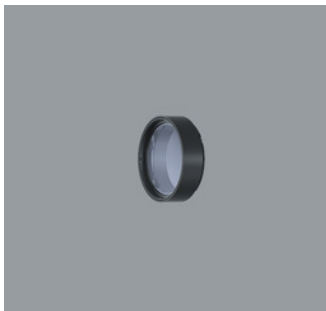Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
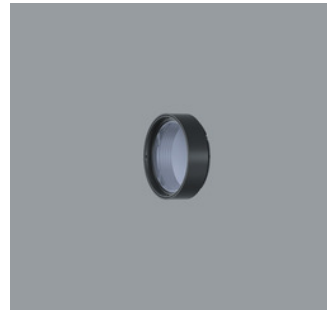
AC006013
Fish Filter
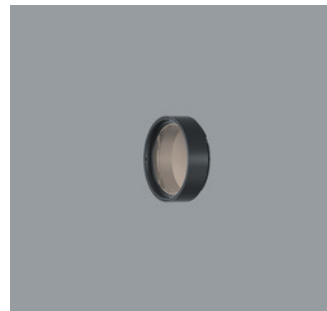Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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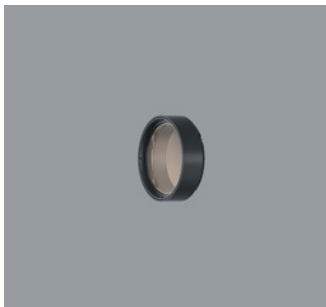Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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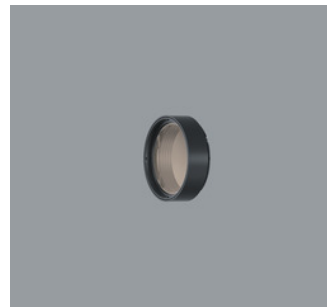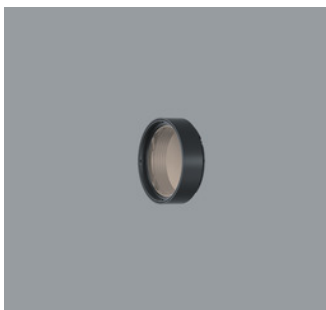Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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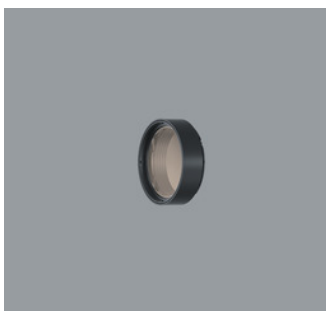Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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.
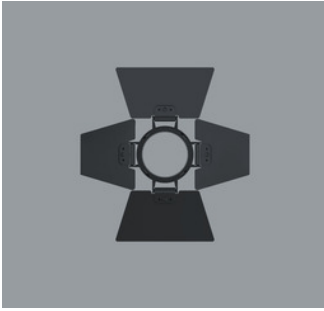
AC001001
Snoot
Polymer, black.

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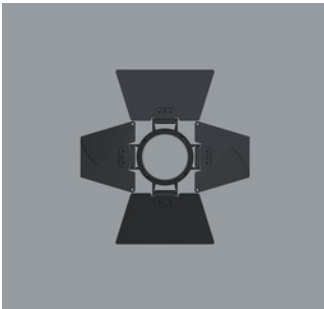Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC004024
Honeycomb anti-glare screen
Black

ERCO

Parscan 48V Lens wallwasher

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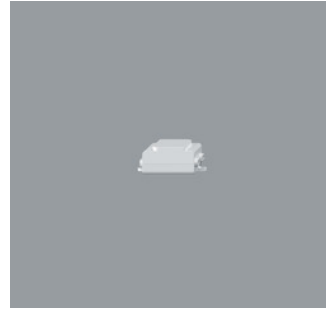
AC007001
DALI Casambi Gateway
Enables DALI systems to be connected to luminaires, sensors and control units with Casambi Bluetooth. The gateway can only be operated in Evolution networks. Power is supplied exclusively via the DALI bus. Connection via two lines which must be designed for mains voltage.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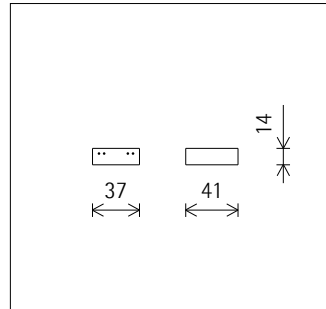
56012.000
ERCO Casambi motion detector with light sensor
for ERCO Minirail 48V track.
Setup via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices.
Use for daylight-dependent light control with or without motion detector. Detection range of infrared (PIR) sensor 100°/ 5m.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