ERCO

Parscan 48V Lens wallwasher

A1001924 Black
LED module: 12.8W 1375lm 2700K
warm white
Casambi Bluetooth
Version 1
Size M
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.
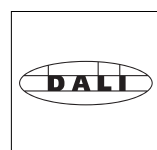Protection Class III
Weight 0.50kg

LED

Mean illuminance E_n (wall)

Angle of tilt 35°				
Wall height (m)	4			
Offset from wall (m)	1.00	1.00	1.25	1.25
Luminaire spacing (m)	1.25	1.50	1.50	1.75
Illuminance E_n (lx)	**194**	**162**	**142**	**122**

Technical data

Luminous flux of the luminaire	1022lm
Connected load	13.6W
Luminaire efficacy	75lm/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

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Planning data

Illuminance E_n (lx)
Specifications:
Number of luminaires n > 5
Wall height (m) 4.0
Angle of tilt 35°

Offset from wall (m)	1.00		1.00		1.25		1.25	
Luminaire spacing (m)	1.25		1.50		1.50		1.75	
	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires
0.500	143	161	131	117	85	97	78	76
0.750	205	215	181	171	119	134	107	111
1.000	240	242	208	192	149	151	131	127
1.250	241	252	207	202	161	165	140	137
1.500	236	250	201	205	161	168	140	142
1.750	231	240	194	199	158	167	137	143
2.000	222	227	186	188	156	163	134	140
2.250	207	210	174	174	152	157	130	135
2.500	186	190	157	156	146	149	125	128
2.750	162	166	137	137	138	140	119	120
3.000	137	141	116	117	127	129	110	110
3.250	114	117	96	97	114	117	99	100
3.500	94	96	79	80	101	104	87	89

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1001924 (direct)	2700K CRI 92	0.48	0.43

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 F
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: 697075
Model identifier: 3000059326
Download data sheets for control gear and disassembly instructions at
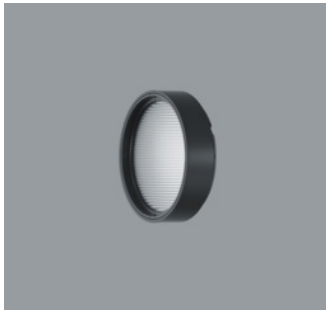www.erco.com/slr

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
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
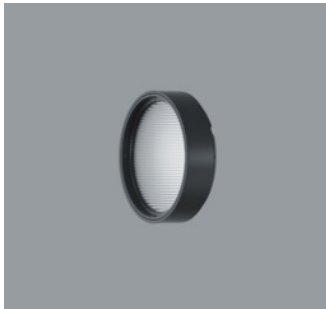
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Accessories

AC002074
Lens unit spot
Polymer, black lacquered, rotatable
through 360°. Replacement without
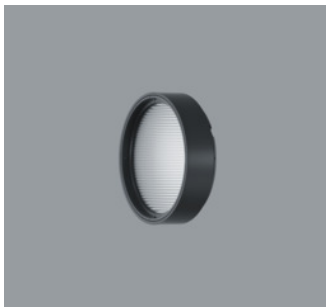tools.
Spherolit lens made of optical polymer.

AC002077
Lens unit wallwash
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

AC002072
Lens unit flood
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

AC002119
Lens unit zoom spot
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Anti-reflective zoom lens made of
optical polymer, infinitely variable
focus.

AC002071
Lens unit wide flood
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

AC002121
Lens unit zoom oval
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Anti-reflective zoom lens made of
optical polymer, infinitely variable
focus.

AC002075
Lens unit extra wide flood
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

AC002262
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.

AC002073
Lens unit oval flood
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

AC002265
Lens unit wide framing
Aluminium/polymer, coated black,
pivotable through 360°. Replacement
without tools.
2 projection lenses, continuously
focusable. Ideal for short projection
distances.
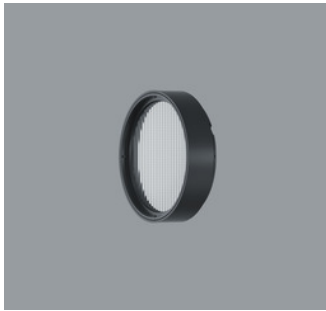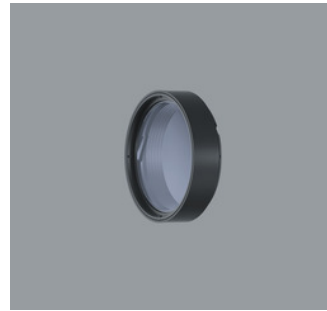Framing attachment: stainless steel,
black.
Aperture.

AC002079
Lens unit oval wide flood
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

AC006001
Softening lens
Filter holder: polymer, black, rotatable
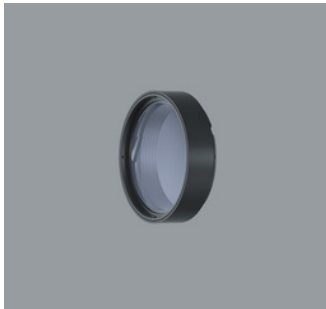through 360°. Replacement without
tools.

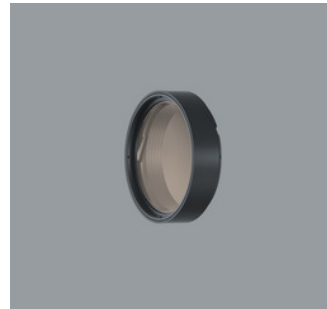# ERCO

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Accessories

AC006026
Sculpture lens
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006011
Fish Filter
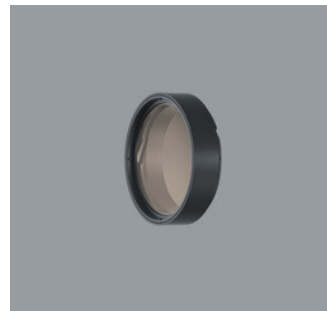Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006032
Cold Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006033
Marbled Meat Filter
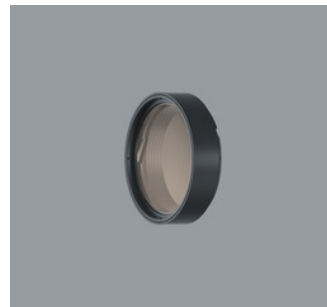Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006030
Cold Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006031
Bread and Pastry Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006028
Warm Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006023
Blue Light Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC006012
Warm Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

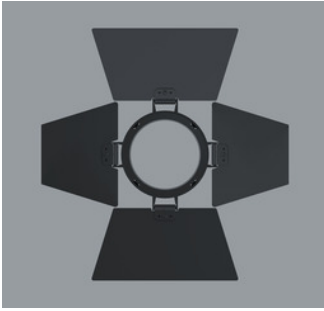**AC001005**
Snoot
Polymer, black.

AC006029
Skintone Filter
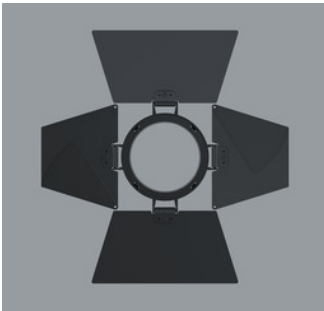Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC004025
Honeycomb anti-glare screen
Black

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Accessories

AC005001
Barn doors 4-fold
Aluminium, coated black.

AC005003
Barn doors 8-fold
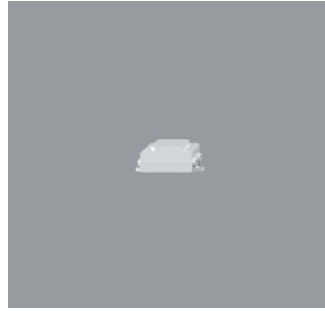Aluminium, coated black.

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.
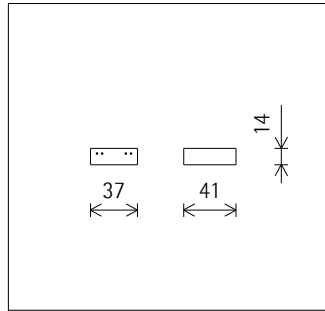Control via a Zigbee 3.0 compliant hub.

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

37   41   14

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