ERCO

Parscan 48V Lens wallwasher

A1001926 Black
LED module: 12.8W 1325lm 3000K
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

Ø92   164   91

LED

CE ⌾15 ◭ ⟨III⟩ UKCA

Bluetooth

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)	**187**	**156**	**136**	**117**

Technical data

Luminous flux of the luminaire	985lm
Connected load	13.6W
Luminaire efficacy	72lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 97
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	--
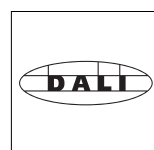
DALI controllable via accessory
DALI Casambi Gateway for controlling Casambi Bluetooth via DALI.

Mounting
Minirail 48V track
Minirail 48V singlet

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/A1001926

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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	137	155	126	112	82	93	76	73
0.750	197	208	175	165	115	129	103	107
1.000	231	233	200	185	144	146	126	122
1.250	233	243	200	195	155	159	135	132
1.500	228	241	194	197	155	162	135	137
1.750	222	231	187	191	153	161	132	137
2.000	214	219	179	181	150	157	129	135
2.250	200	203	167	167	146	151	125	130
2.500	179	183	151	151	141	144	121	123
2.750	156	160	132	132	133	135	114	116
3.000	132	135	112	112	122	125	106	106
3.250	110	113	93	94	110	113	95	96
3.500	91	92	76	77	97	100	84	85

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1001926 (direct)	3000K CRI 97	0.57	0.52

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: 697077
Model identifier: 3000059328
Download data sheets for control gear and disassembly instructions at
www.erco.com/slr

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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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Parscan 48V Lens wallwasher

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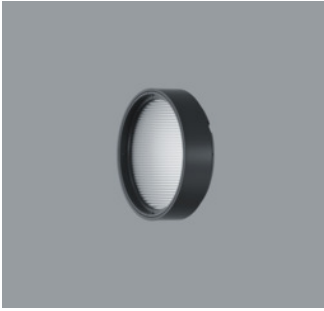
AC002074
Lens unit spot
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

AC002077
Lens unit wallwash
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.
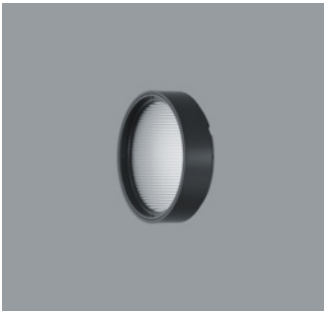
AC002072
Lens unit flood
Polymer, black lacquered, rotatable
through 360°. Replacement without
tools.
Spherolit lens made of optical polymer.

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
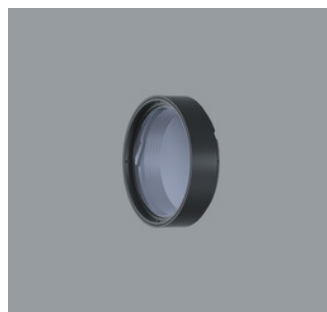tools.
Spherolit lens made of optical polymer.

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.

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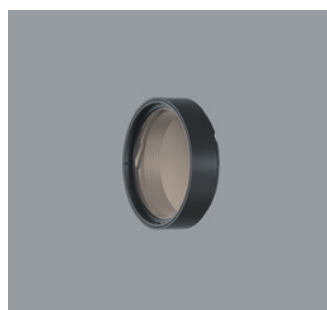Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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.
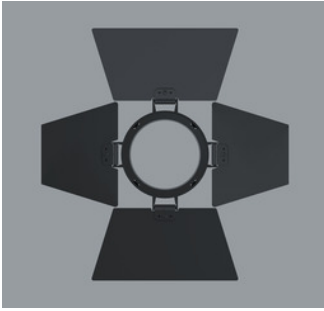
AC001005
Snoot
Polymer, black.

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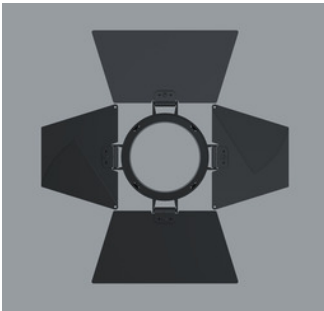Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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.
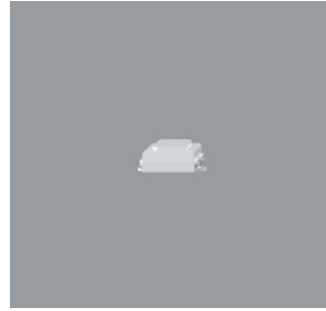
AC007001
DALI Casambi Gateway
Enables DALI systems to be connected to luminaires, sensors and control units with Casambi Bluetooth. The gateway can only be operated in Evolution networks. Power is supplied exclusively via the DALI bus. Connection via two lines which must be designed for mains voltage. 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.
$C\epsilon$

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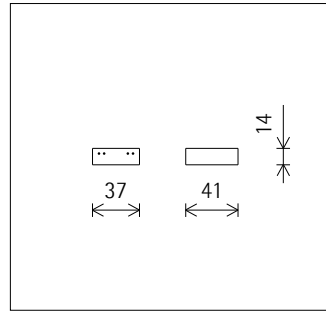
56012.000
ERCO Casambi motion detector with light sensor
for ERCO Minirail 48V track.
Setup via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices.
Use for daylight-dependent light control with or without motion detector. Detection range of infrared (PIR) sensor 100°/ 5m. 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
$C\epsilon$ ◈ UK CA