ERCO

Parscan InTrack Lens wallwasher

with Intrack adapter

301
Ø92
154
91

LED

CE ⊠15 ▲ □ UKCA

❋ (Bluetooth)

A1003818 White (RAL9002)
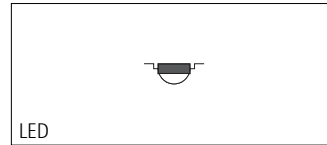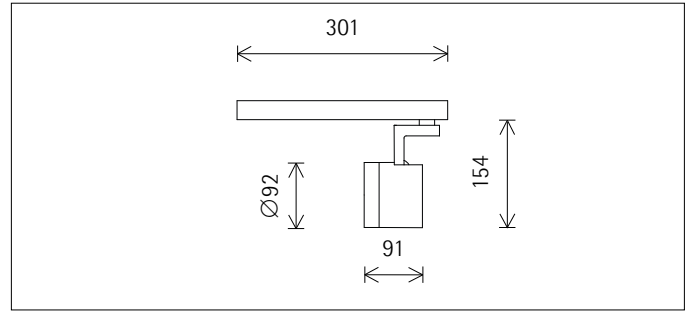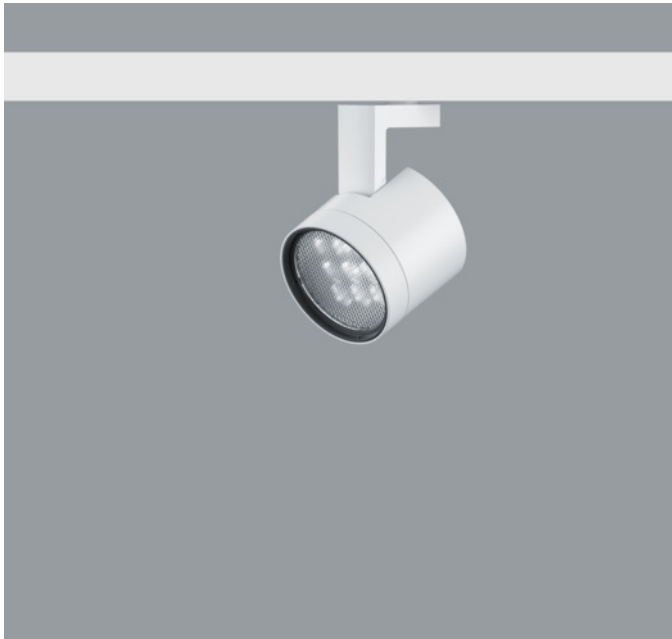LED module: 18.1W 2157lm 4000K
neutral white
Casambi Bluetooth
Version 1
Size M
Spherolit lens, wallwash

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.
Intrack adapter for ERCO 220-240V track: polymer, white.
ERCO control gear.
Add-on control unit: Casambi Bluetooth.
Lens unit: polymer, white, rotatable through 360°. Spherolit lens made of optical polymer.
LED module: high-power LEDs. Collimating 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 II
Weight 0.60kg

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)	**289**	**241**	**210**	**180**

Technical data

Luminous flux of the luminaire	1537lm
Connected load	20.1W
Luminaire efficacy	76lm/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	0.4W
Luminaires per circuit breaker B16	163
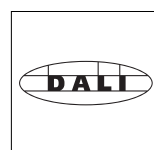
DALI

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

Mounting
ERCO 3-circuit track
Hi-trac 3-circuit track

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

© ERCO GmbH 2023

Parscan InTrack Lens wallwasher

Planning data

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

	1.00		1.00		1.25		1.25	
Offset from wall (m)	1.25		1.50		1.50		1.75	
Luminaire spacing (m)	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	210	239	192	173	124	143	114	112
0.750	302	321	266	254	175	199	157	164
1.000	355	359	307	285	220	225	193	189
1.250	359	375	309	300	239	244	208	203
1.500	351	371	298	303	240	250	208	211
1.750	342	356	287	295	235	248	203	212
2.000	329	336	275	279	231	241	198	207
2.250	308	312	258	257	225	232	192	199
2.500	278	282	234	233	217	221	186	190
2.750	243	249	206	206	205	208	176	178
3.000	208	213	176	176	189	192	163	164
3.250	174	178	147	148	171	175	148	150
3.500	144	147	121	123	152	156	132	134

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1003818 (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: 697079
Model identifier: 3000059330
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

ERCO

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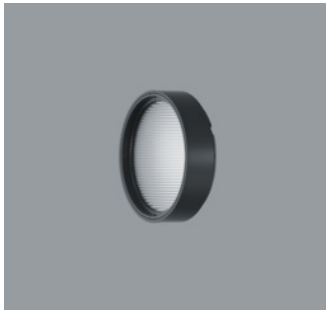
AC002074
Lens unit spot
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

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

AC002109
Lens unit spot
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

AC002110
Lens unit extra wide flood
Polymer, white, 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.

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

AC002106
Lens unit flood
Polymer, white, rotatable through 360°. Replacement without tools.
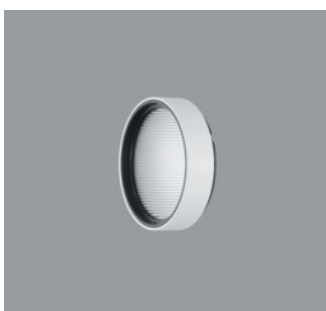Spherolit lens made of optical polymer.

AC002108
Lens unit oval flood
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

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

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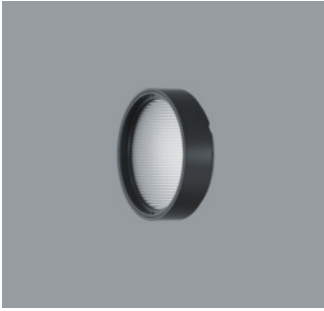Spherolit lens made of optical polymer.

AC002105
Lens unit wide flood
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

AC002114
Lens unit oval wide flood
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

ERCO

Parscan InTrack Lens wallwasher

Accessories

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

AC002257
Lens unit narrow framing
Aluminium/polymer, coated white, pivotable through 360°. Replacement without tools.
Projection lens, continuously focusable. Ideal for long projection distances.
Framing attachment: stainless steel, black.
Aperture.

AC002112
Lens unit wallwash
Polymer, white, 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.

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.

AC002260
Lens unit wide framing
Aluminium/polymer, coated white, pivotable through 360°. Replacement without tools.
2 projection lenses, continuously focusable. Ideal for short projection distances.
Framing attachment: stainless steel, black.
Aperture.

AC002130
Lens unit zoom spot
Polymer, white, rotatable through 360°. Replacement without tools.
Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

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.

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.

AC006001
Softening lens
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
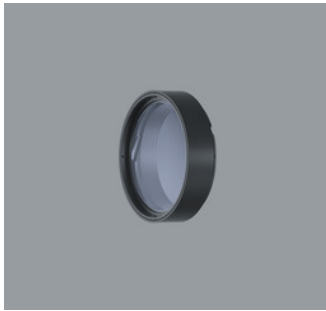
AC002132
Lens unit zoom oval
Polymer, white, rotatable through 360°. Replacement without tools.
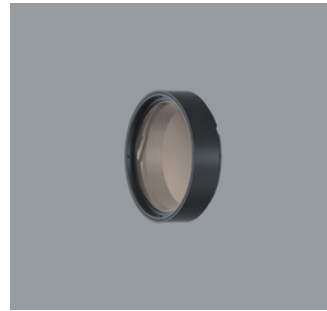Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

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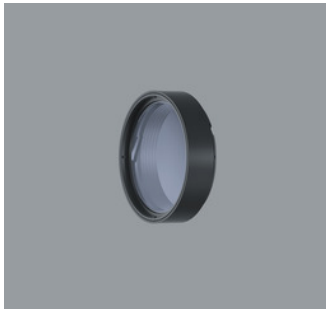
ERCO

Parscan InTrack Lens wallwasher

Accessories

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

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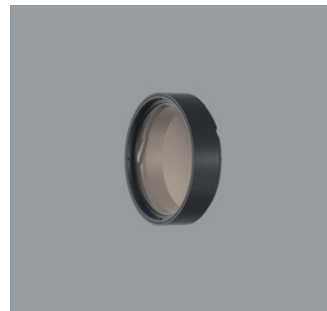Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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.

AC001008
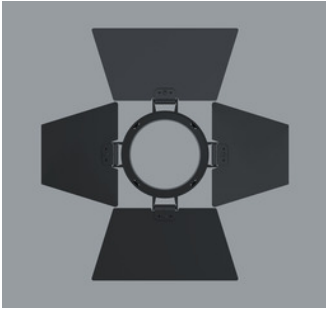Snoot
Polymer, black, coated white on outside.

AC006011
Fish Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
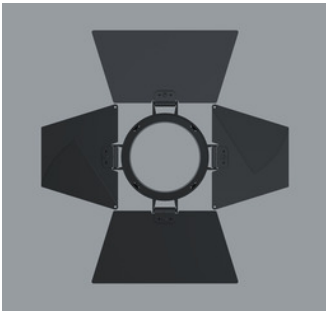
AC004025
Honeycomb anti-glare screen
Black

ERCO

Parscan InTrack Lens wallwasher

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.

AC003006
Add-on Control Unit On-board Dim
Polymer, white. 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.
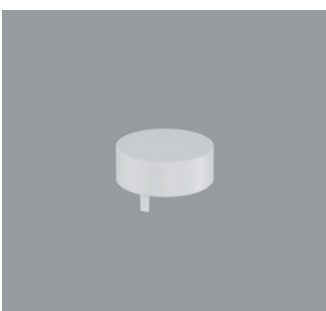
AC003008
Add-on Control Unit Zigbee
Polymer, white. Replacement without tools.
Control via a Zigbee 3.0 compliant hub.

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.

AC003005
Add-on Control Unit Casambi Bluetooth
Polymer, white. Replacement without tools.
Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
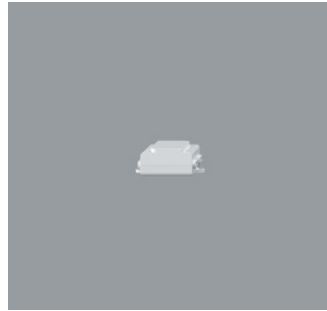
AC007001
DALI Casambi Gateway
Enables DALI systems to be connected to luminaires, sensors and control units with Casambi Bluetooth. The gateway can only be operated in Evolution networks. Power is supplied exclusively via the DALI bus. Connection via two lines which must be designed for mains voltage. 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.
$C\epsilon$

37   41   14
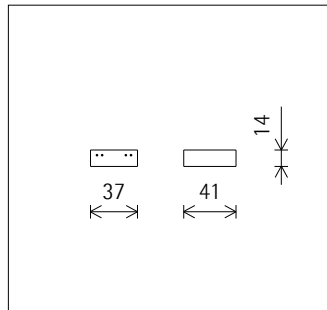
55248.000
ERCO Casambi motion detector with light sensor
for ERCO 220-240V track.
Setup via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices.
Use for daylight-dependent light control with or without motion detector.
Detection range of infrared (PIR) sensor 100°/ 5m. At 3m room height, this is a circle with diameter of approx. 7m.
3-phase adapter for ERCO 220-240V track: plastic, white.
White
Weight 0.18kg

ERCO

Parscan InTrack Lens wallwasher

Accessories

55249.000
ERCO Casambi motion detector with light sensor
for ERCO 220-240V 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.
3-phase adapter for ERCO 220-240V track: polymer, black.
Black
Weight 0.18kg