ERCO

Parscan InTrack Lens wallwasher

with Intrack adapter

301

∅92 **154**

125

LED

CE ⬦15 ☐ UK CA

✶ (Bluetooth)
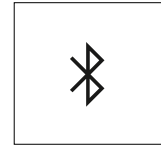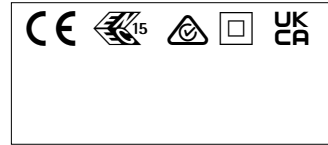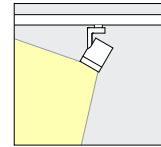
A1003820 White (RAL9002)
LED module: 12.6W 1335lm 2700 -
7500K Tunable white
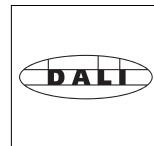Casambi Bluetooth
Version 1
Size M
Spherolit lens, wallwash

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. Color
mixer. 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 0.74kg

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)	1.00	1.25	1.25	1.50
Illuminance E_n (lx)	**110**	**89**	**79**	**66**

Technical data

Luminous flux of the luminaire	536lm
Connected load	16.9W
Luminaire efficacy	32lm/W
Colour deviation	2.0 SDCM
Colour rendition index	CRI 92
Lumen maintenance (LED manufacturer specifications)	L90/B10 ≤50000h L80/B50 ≤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	213

DALI

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

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

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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°

Offset from wall (m)	1.00		1.00		1.25		1.25	
Luminaire spacing (m)	1.00		1.25		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
0.500	108	115	87	92	64	69	54	58
0.800	134	140	106	114	82	86	67	73
1.100	141	143	111	118	89	91	73	78
1.400	141	142	112	116	91	92	75	78
1.700	136	136	110	111	90	91	75	77
2.000	126	126	102	102	88	88	74	74
2.300	110	111	90	90	83	83	70	70
2.600	93	93	76	76	77	77	65	65
2.900	76	76	62	62	68	68	58	58
3.200	61	61	50	50	59	59	50	50
3.500	49	49	41	40	51	50	43	43

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1003820 (direct)	2700K CRI 92	0.49	0.44
	7500K CRI 92	1.50	1.36

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: 697056
Model identifier: 3000057462
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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Parscan InTrack Lens wallwasher

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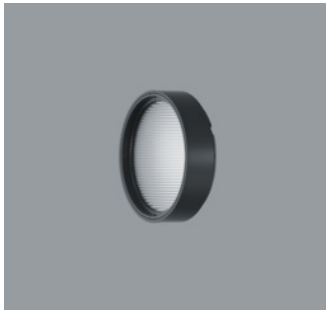
AC002074
Lens unit spot
Polymer, black lacquered, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

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.
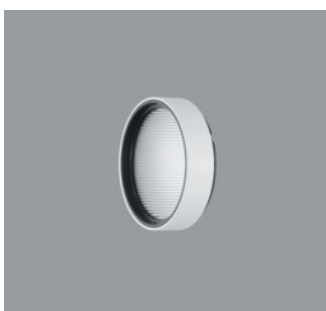Spherolit lens made of optical polymer.

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.
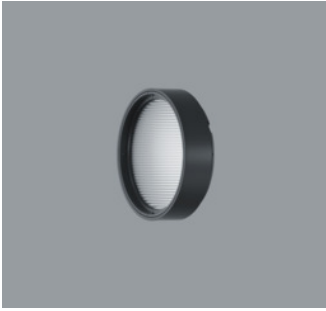Spherolit lens made of optical polymer.

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.

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Parscan InTrack Lens wallwasher

Accessories

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

AC002234
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.

AC002112
Lens unit wallwash
Polymer, white, rotatable through 360°. Replacement without tools.
Spherolit lens made of optical polymer.

AC002236
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.

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.

AC002212
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.

AC002230
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.
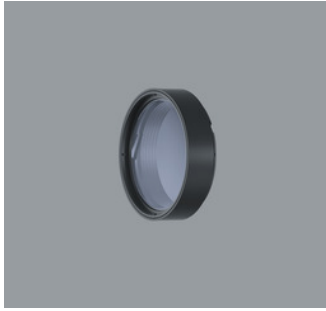

AC002132
Lens unit zoom oval
Polymer, white, rotatable through 360°. Replacement without tools.
Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

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

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Accessories

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

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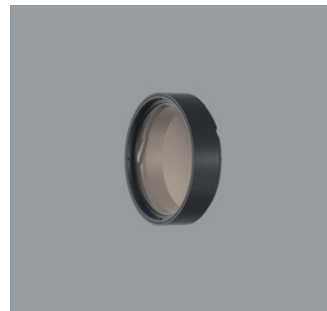Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

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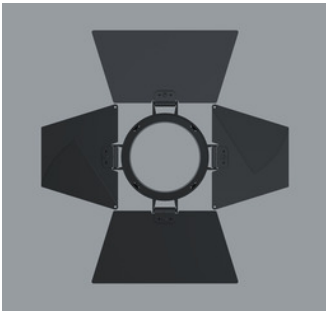Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

AC004025
Honeycomb anti-glare screen
Black

Accessories
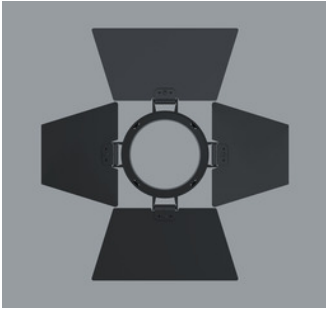
AC005001
Barn doors 4-fold
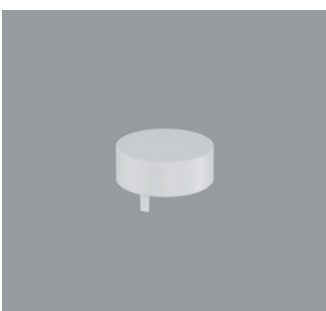Aluminium, coated black.

AC003001
Add-on Control Unit Casambi
Bluetooth
Polymer, black. Replacement without
tools.
Control via Casambi app (Android/
iOS) with Bluetooth Low Energy (BLE)-
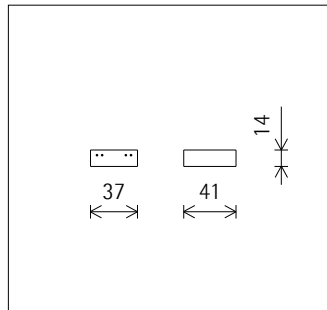capable mobile devices or "Casambi
Ready" products.

AC005003
Barn doors 8-fold
Aluminium, coated black.

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.

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

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.
$C \epsilon$

AC003006
Add-on Control Unit On-board Dim
Polymer, white. Replacement without
tools.
Rotary control for brightness regula-
tion.

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

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 con-
trol 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

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

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