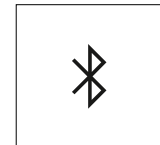
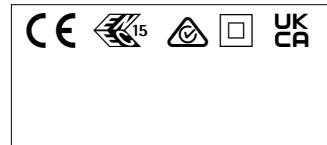
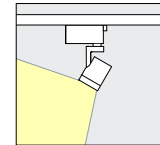
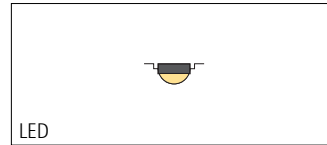
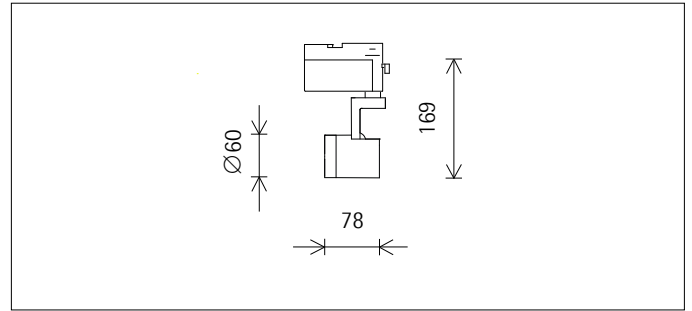
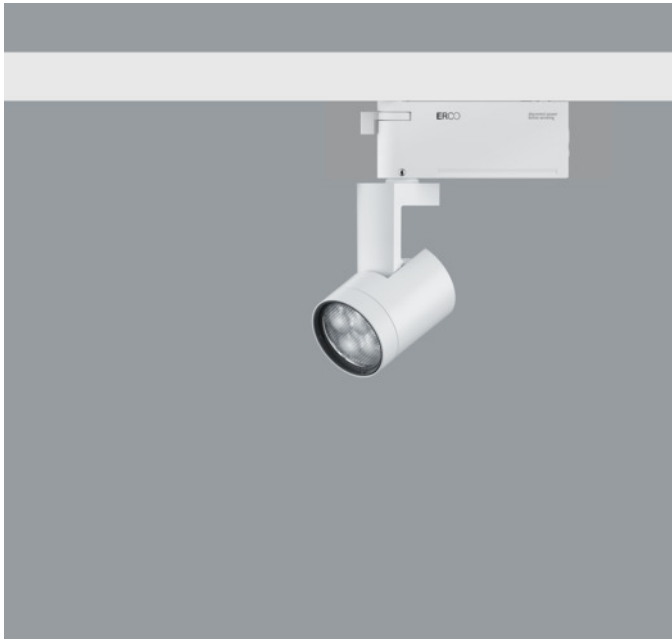


with transadapter



**A1040546** White (RAL9002)  
 LED module: 8.1W 818lm 2700K warm 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.  
 Transadapter for ERCO 220-240V track: polymer, white.  
 ERCO Casambi control gear.  
 LED module: high-power LEDs. Collimating lens made of optical polymer.  
 Lens unit: polymer, white, rotatable through 360°. 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 II  
 Weight 0.41kg

**Mean illuminance E<sub>n</sub> (wall)**

Angle of tilt 35°	3			
Wall height (m)	0.75	1.00	1.25	1.50
Offset from wall (m)	0.75	1.00	1.25	1.50
Luminaire spacing (m)	0.75	1.00	1.25	1.50
Illuminance E <sub>n</sub> (lx)	<b>243</b>	<b>183</b>	<b>125</b>	<b>105</b>

**Technical data**

Luminous flux of the luminaire	600lm
Connected load	10.1W
Luminaire efficacy	59lm/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	260



**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](http://www.erco.com/contact)

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/A1040546](http://www.erco.com/A1040546)

## 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		1.00		1.00		1.00	
	0.75		1.00		1.25		1.50	
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
0.250	87	97	73	64	39	37	36	26
0.500	241	273	194	185	97	93	89	64
0.750	308	343	231	259	127	141	114	106
1.000	334	350	247	269	140	159	122	126
1.250	332	341	249	258	147	162	127	130
1.500	307	313	232	235	149	158	128	128
1.750	263	269	200	202	145	150	124	122
2.000	213	217	161	164	135	138	115	112
2.250	166	168	126	129	120	123	102	100
2.500	127	127	97	99	103	106	88	86
2.750	97	96	74	75	87	89	73	73

### Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1040546 (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			
	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: 985713

Model identifier: 3000057843

Download data sheets for control gear and disassembly instructions at [www.erco.com/slr](http://www.erco.com/slr)

## Planning data

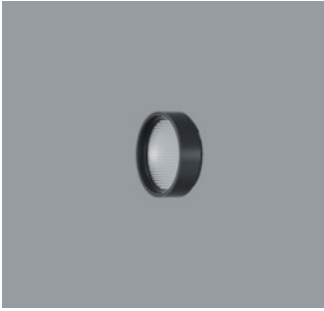
**Technical data in accordance with international norms and standards**

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
EN 13032-4	Light and lighting – measurement and representation of photometric data
CIE 13	Method of measuring and specifying colour rendering properties of light sources

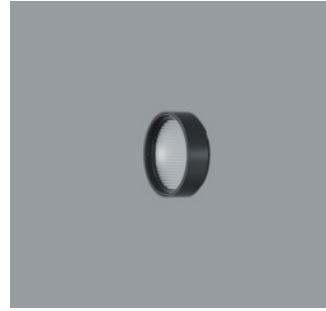
All technical data is subject to industry-standard tolerances.  
Also see [www.erco.com/erco-led](http://www.erco.com/erco-led)

For explanations of the symbols and abbreviations used and other general information, see [www.erco.com/symbols](http://www.erco.com/symbols)

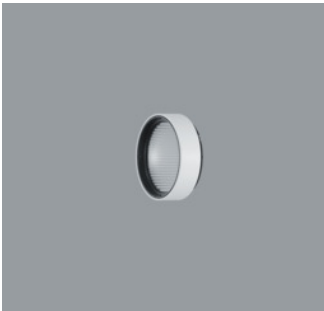
Accessories



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



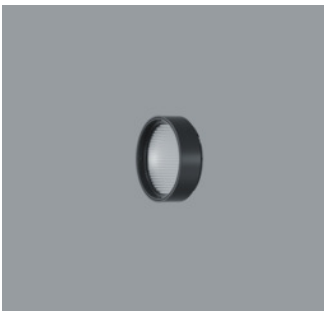
**AC002063**  
 Lens unit extra wide flood  
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



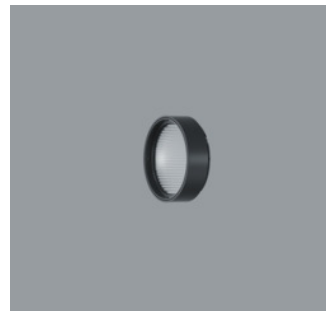
**AC002099**  
 Lens unit spot  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



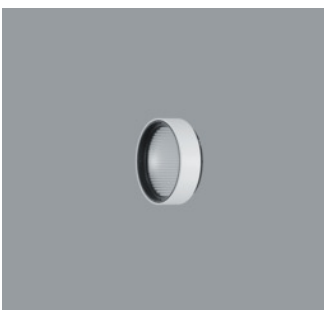
**AC002098**  
 Lens unit extra wide flood  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



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



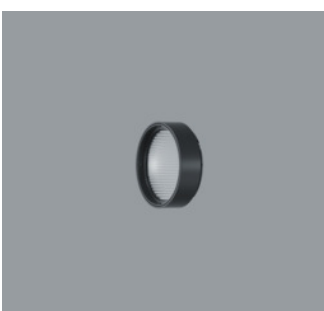
**AC002061**  
 Lens unit oval flood  
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



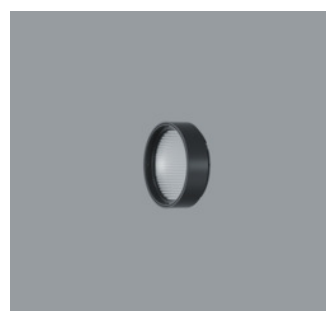
**AC002097**  
 Lens unit flood  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



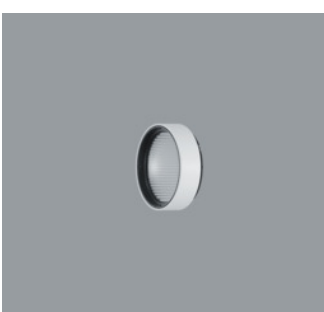
**AC002095**  
 Lens unit oval flood  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



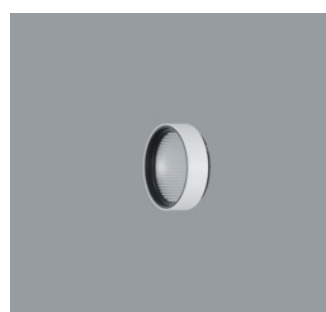
**AC002060**  
 Lens unit wide flood  
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



**AC002067**  
 Lens unit oval wide flood  
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.

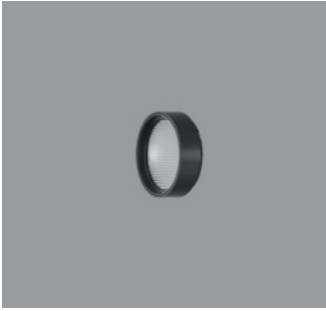


**AC002094**  
 Lens unit wide flood  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.



**AC002102**  
 Lens unit oval wide flood  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Spherolit lens made of optical polymer.

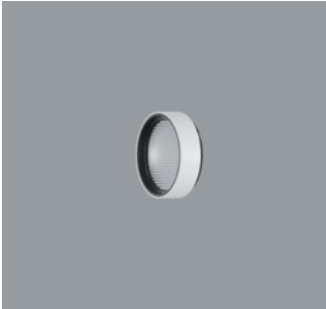
Accessories



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



**AC002258**  
 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.



**AC002100**  
 Lens unit wallwash  
 Polymer, white, 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.



**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.



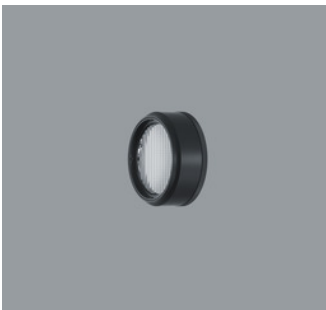
**AC002261**  
 Lens unit wide framing  
 Aluminium/polymer, coated white, pivotable through 360°. Replacement without tools.  
 2 projection lenses, continuously focusable. Ideal for short projection distances.  
 Framing attachment: stainless steel, black.  
 Aperture.



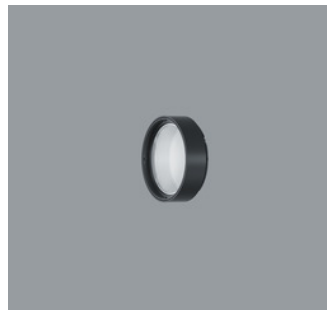
**AC002127**  
 Lens unit zoom spot  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.



**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.



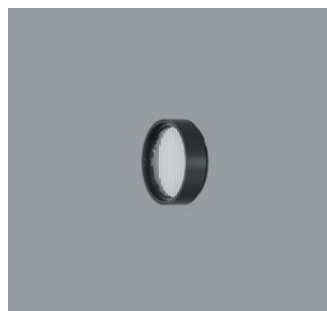
**AC002123**  
 Lens unit zoom oval  
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.  
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.



**AC006002**  
 Softening lens  
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

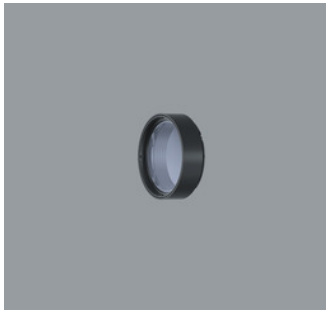


**AC002128**  
 Lens unit zoom oval  
 Polymer, white, rotatable through 360°. Replacement without tools.  
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.

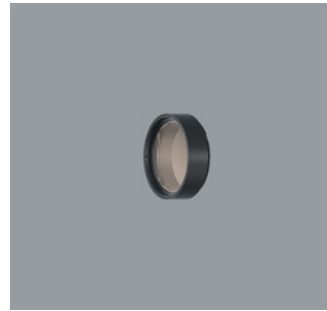


**AC006025**  
 Sculpture lens  
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

Accessories



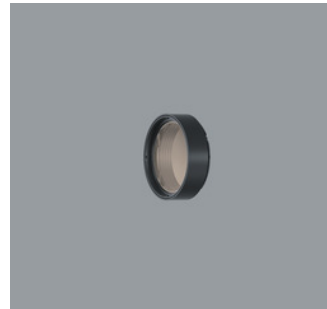
**AC006009**  
Cold Filter  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



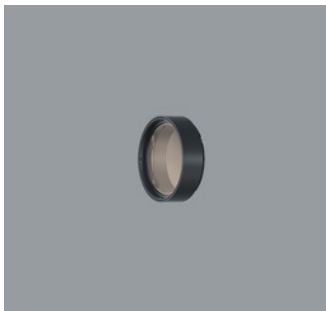
**AC006010**  
Marbled Meat Filter  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



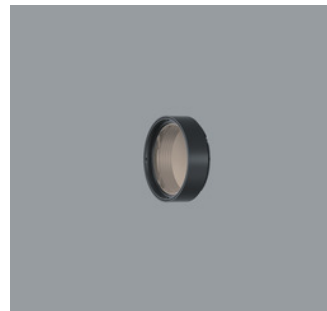
**AC006007**  
Cold Filter Plus  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



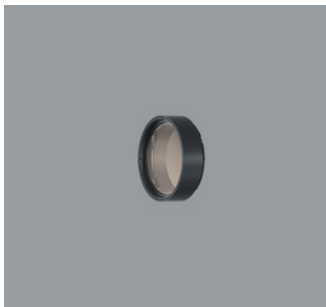
**AC006008**  
Bread and Pastry Filter  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



**AC006005**  
Warm Filter  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



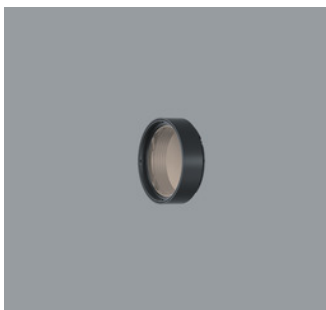
**AC006004**  
Blue Light Filter  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



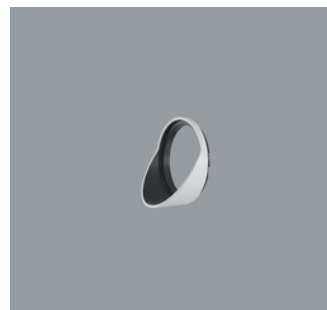
**AC006003**  
Warm Filter Plus  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



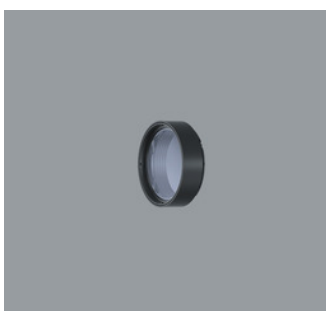
**AC001001**  
Snoot  
Polymer, black.



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



**AC001007**  
Snoot  
Polymer, black, coated white on outside.

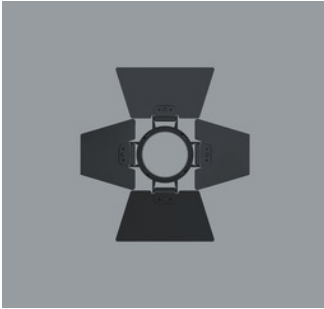


**AC006013**  
Fish Filter  
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

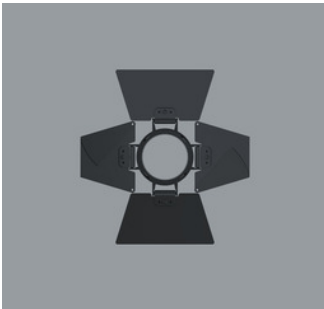


**AC004024**  
Honeycomb anti-glare screen  
Black

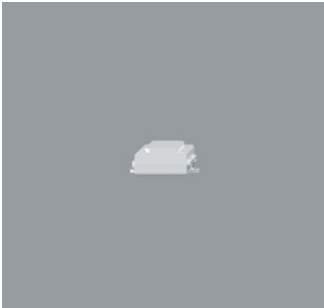
## Accessories



**AC005002**  
Barn doors 4-fold  
Aluminium, coated black.

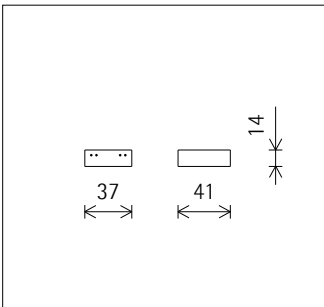


**AC005004**  
Barn doors 8-fold  
Aluminium, coated black.



**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



**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  
CE UK



**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  
CE UK