

51416.000 Silver
 LED module: 24W 3300lm 4000K
 neutral white
 Casambi Bluetooth
 Version 4
 Spherolit lens, wallwash

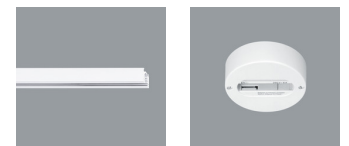
Product description
 Housing and bracket: cast aluminium, powder-coated. 0°-90° tilt. Bracket on 3-circuit adapter rotatable through 360°. Internal wiring. ERCO Casambi control gear. 3-phase adapter for ERCO 220-240V track: polymer, black.
 LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
 Control via Casambi app (Android/iOS) with Bluetooth Low Energy (BLE)-capable mobile devices or "Casambi Ready" products.
 Weight 0.94kg

Mean illuminance E_n (wall)

Angle of tilt 35°	6			
Wall height (m)	1.75	2.00	2.00	2.00
Offset from wall (m)	1.75	2.25	2.00	2.50
Luminaire spacing (m)	1.75	2.25	2.00	2.50
Illuminance E _n (lx)	228	177	185	148

Technical data

Luminous flux of the luminaire	2779lm
Connected load	29.0W
Luminaire efficacy	96lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 82
Lumen maintenance (LED manufacturer specifications)	L90/B10 ≤50000h L90 ≤100000h
LED failure rate	0.1% ≤50000h
Dimming range	0%-100%
Dimming method	CCR
LMF	E
Standby power per control gear	0.4W
Luminaires per circuit breaker B16	28



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

For your regional contact in the ERCO
 Sales network [click here](http://www.ercosales.com)
www.ercosales.com/contact

Technical Region: 220-240V 50/60Hz
 We reserve the right to make technical and design changes.
 Edition: 16.11.2022
 Current version under
www.ercosales.com/51416.000

Planning data

Illuminance E_n (lx)

Specifications:

Number of luminaires $n > 5$

Wall height (m) 6.0

Angle of tilt 35°

Offset from wall (m)	1.75				2.00				2.00			
	2.25				2.50				2.50			
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	below the luminaire	between the luminaires	below the luminaire	between the luminaires
0.500	100	110	78	85	71	78	57	63				
1.000	205	213	172	154	139	148	117	113				
1.500	278	296	239	202	203	209	176	152				
2.000	281	326	239	227	216	245	187	177				
2.500	282	316	236	226	215	248	183	184				
3.000	274	295	228	214	214	238	182	179				
3.500	251	267	205	197	209	223	176	170				
4.000	214	226	171	171	191	203	159	156				
4.500	175	184	138	142	166	175	136	138				
5.000	139	145	109	114	140	147	113	117				
5.500	110	113	85	90	115	120	92	97				

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 D

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: 696743

Model identifier: 3000054478

Download data sheets for control gear and disassembly instructions at www.erco.com/slr

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

For explanations of the symbols and abbreviations used and other general information, see www.erco.com/symbols

Accessories



70863.000
Spherolit lens spot
made of optical polymer.
Replacement without tools.



70636.000
Snoot
Polymer.
Black



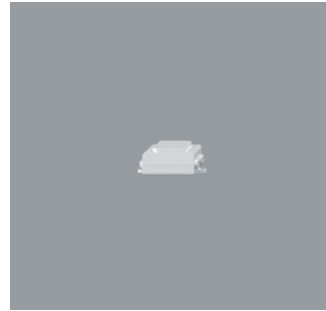
70848.000
Spherolit lens flood
made of optical polymer.
Replacement without tools.



70646.000
Snoot
Polymer.
Silver



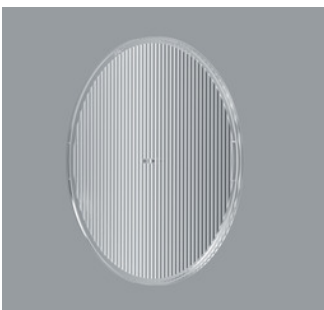
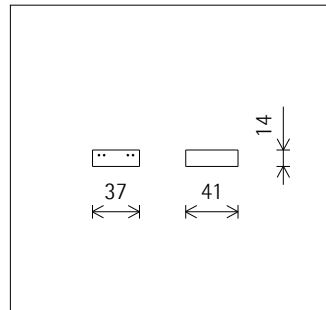
70849.000
Spherolit lens wide flood
made of optical polymer.
Replacement without tools.



55251.000
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. This article is identical with article AC007001.
CE UK



73998.000
Spherolit lens extra wide flood
made of optical polymer.
Replacement without tools.



70864.000
Spherolit lens oval flood
made of optical polymer.
Replacement without tools.



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



70865.000
Spherolit lens wallwash
made of optical polymer.
Replacement without tools.

Accessories

**55250.000**

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.

Silver

Weight 0.18kg

