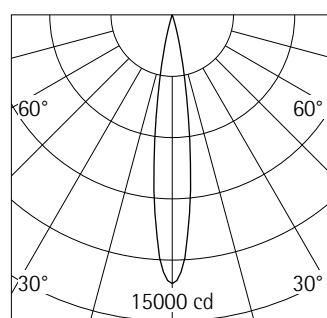
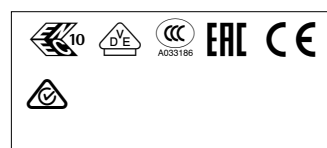
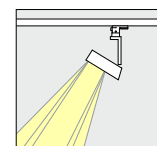
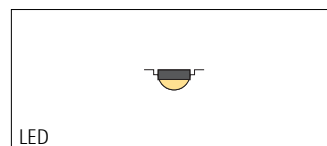
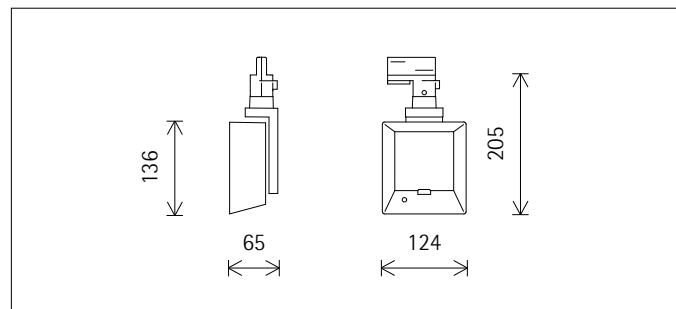




**72804.000** White (RAL9002)  
 LED 12W 1260lm 3000K warm white  
 Phase dimmable+ On-board Dim  
 Version 6  
 Spherolit lens, spot

**Product description**  
 Housing and bracket: cast aluminium, powder-coated. 0°-90° tilt. Bracket on 3-circuit adapter rotatable through 360°. Internal wiring. ERCO control gear, dimmable. Rotary control for brightness regulation. 3-phase adapter for ERCO 220-240V track: polymer, white. LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer. Front cover: polymer, black. Dimming with external dimmers possible (trailing edge). Weight 0.90kg



h(m)	E(lx)	D(m)
		15°
1	13152	0.26
2	3288	0.53
3	1461	0.79
4	822	1.05
5	526	1.32

### Technical data

Luminous flux of the luminaire	1136lm
Connected load	15.0W
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	1%-100%
Dimming method	CCR_PWM
LMF	E
Energy efficiency class	EEI A+
Standby power per control gear	--
Luminaires per circuit breaker B16	203



### Mounting

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

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

## Planning data

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

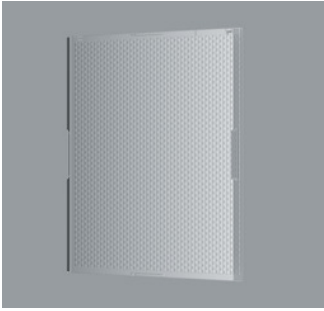
- MF LMFxRSMFxLLMFxLSF
- MF Maintenance Factor
- LMF Luminaire Maintenance Factor
- RSMF Room Surface Maintenance Factor
- LLMF Lamp Lumens Maintenance Factor
- LSF Lamp Survival Factor
- P Room pure
- C Room clean
- N Room normal
- D Room dirty

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

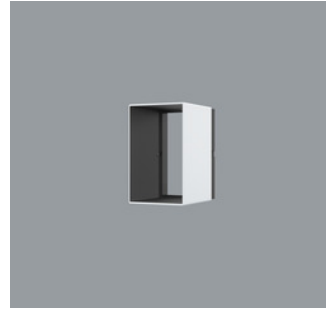
- IEC 60598 Luminaires – Part 1+2: general requirements, specific requirements and tests
- IEC 62031 LED modules for general lighting – safety requirements
- IEC 62471 Photobiological safety of lamps and lamp systems
- EN 13032-4 Light and lighting – measurement and representation of photometric data
- CIE 13 Method of measuring and specifying colour rendering properties of light sources

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

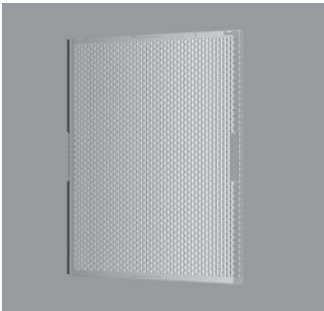
## Accessories



**70918.000**  
Spherolit lens spot  
made of optical polymer.  
Replacement without tools.



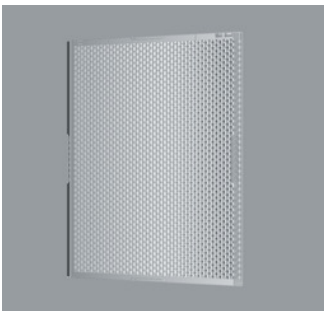
**79837.000**  
Snoot  
Polymer.  
White



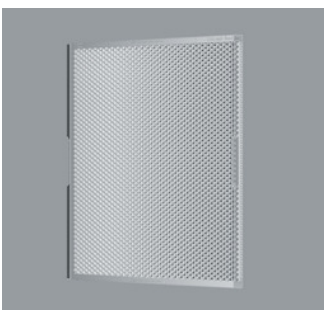
**70919.000**  
Spherolit lens flood  
made of optical polymer.  
Replacement without tools.



**70607.000**  
Snoot  
Polymer.  
Black



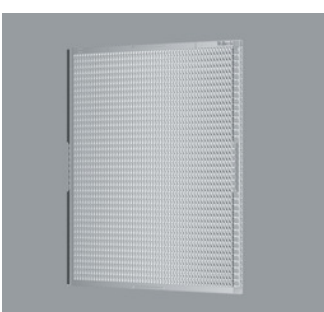
**70920.000**  
Spherolit lens wide flood  
made of optical polymer.  
Replacement without tools.



**70979.000**  
Spherolit lens extra wide flood  
made of optical polymer.  
Replacement without tools.



**70915.000**  
Spherolit lens oval flood  
made of optical polymer.  
Replacement without tools.



**70922.000**  
Spherolit lens wallwash  
made of optical polymer.  
Replacement without tools.