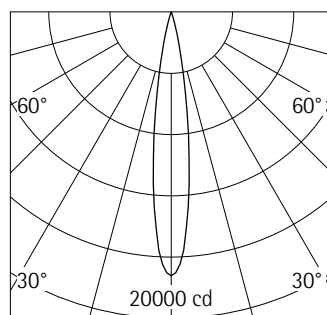
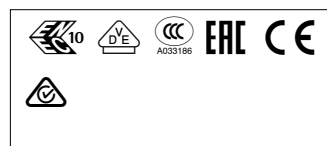
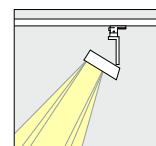
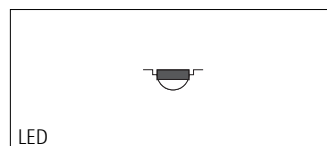
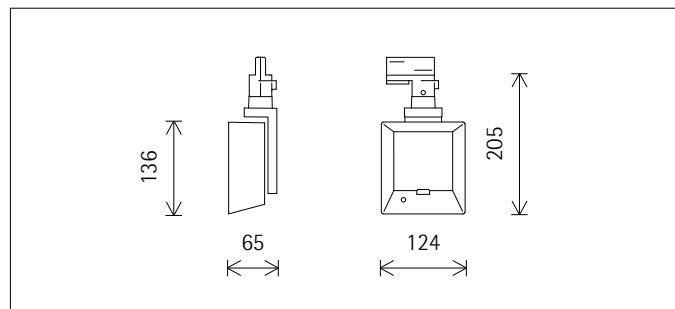




72805.000 White (RAL9002)
LED 12W 1650lm 4000K neutral white
Phase dimmable+ On-board Dim
Version 6
Spherolit lens, spot

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)
1	17223	0.26
2	4306	0.53
3	1914	0.79
4	1076	1.05
5	689	1.32

Technical data

Luminous flux of the luminaire	1487lm
Connected load	15.0W
Luminaire efficacy	99lm/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	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.erco.com/contact

Planning data

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

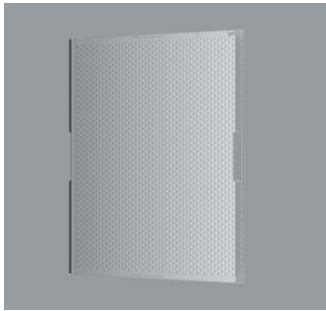
MF	LMFxRSMFxLLMFxLSF
MF	Maintenance Factor
LMF	Luminaire Maintenance Factor
RSMF	Room Surface Maintenance Factor
LLMF	Lamp Lumens Maintenance Factor
LSF	Lamp Survival Factor
P	Room pure
C	Room clean
N	Room normal
D	Room dirty

Technical data in accordance with international norms and standards

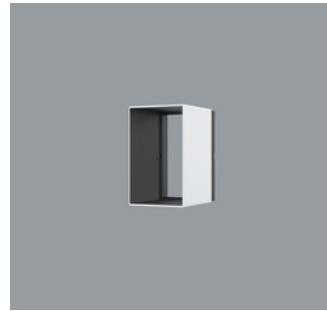
IEC 60598	Luminaires – Part 1+2: general requirements, specific requirements and tests
IEC 62031	LED modules for general lighting – safety requirements
IEC 62471	Photobiological safety of lamps and lamp systems
EN 13032-4	Light and lighting – measurement and representation of photometric data
CIE 13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

All technical data is subject to industrially standard tolerances.
Also see www.ercos.com/ercos-led

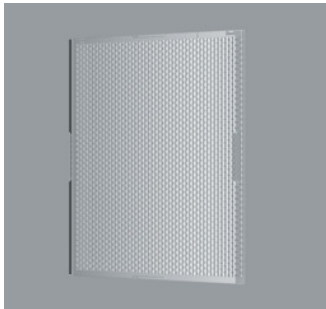
Accessories



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



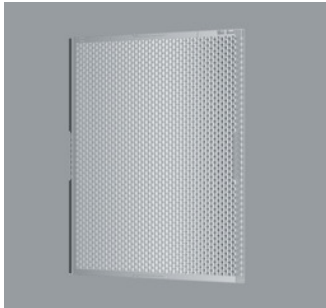
79837.000
Snoot
Polymer.
White



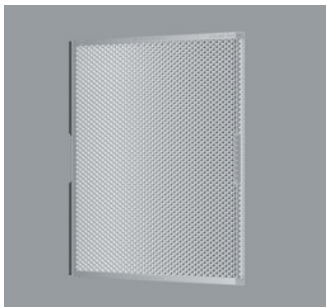
70919.000
Spherolit lens flood
made of optical polymer.
Replacement without tools.



70607.000
Snoot
Polymer.
Black



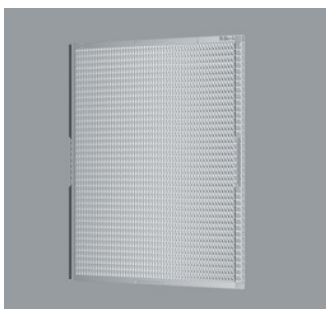
70920.000
Spherolit lens wide flood
made of optical polymer.
Replacement without tools.



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.