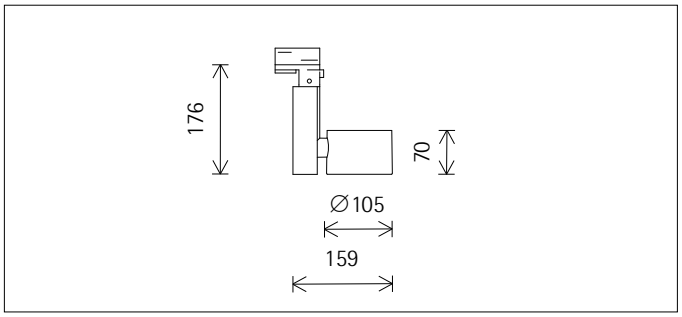
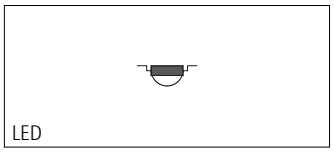
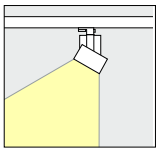
ERCO Optec Floodlight

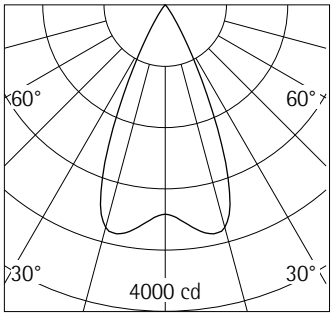






71247.000 White (RAL9002)
LED 19W 2460lm 4000K neutral white
Switchable
Version 4
Spherolit lens, wide flood

Product description
Cylindrical light head: cast aluminium, powder-coated. 270° tilt.
Housing: polymer, rotatable on 3-circuit adapter through 360°.
ERCO control gear.
ERCO 3-circuit adapter: polymer, white.
LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
Install the luminaire out of people's normal reach.
Protection Class II
Weight 0.74kg
Version with 2700K CRI>=90 or 4000K CRI>=90 available on request.



h(m)	E(lx)	D(m) 48°
1	2731	0.89
2	683	1.78
3	303	2.67
4	171	3.56
5	109	4.45

Technical data

Luminous flux of the luminaire	1874lm
Connected load	23W
Luminaire efficacy	81lm/W
Colour deviation	2 SDCM
Colour rendition index	CRI ≥80
Lumen maintenance (LM-80/TM-21)	L90/B10 ≤50000h
Lumen maintenance (LED manufacturer specifications)	L90 ≤100000h
LED failure rate	0.1% ≤50000h
Dimming range	--
Dimming method	--
LMF	E
Energy efficiency class	EEI A+
Standby power per control gear	--
Luminaires per circuit breaker B16	58

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

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Technical Region: 220V-240V/50Hz
We reserve the right to make technical and design changes.
Edition: 27.10.2017
Current version under
www.erco.com/71247.000

Optec Floodlight

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
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 industrially standard tolerances.
Also see www.erco.com/erco-led

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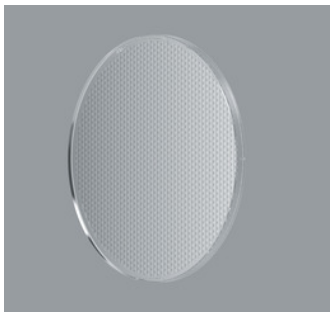
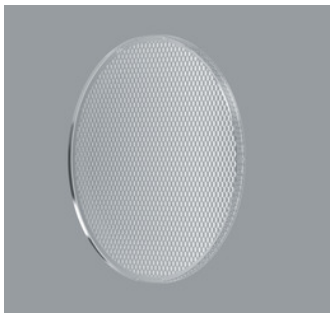
Optec Floodlight

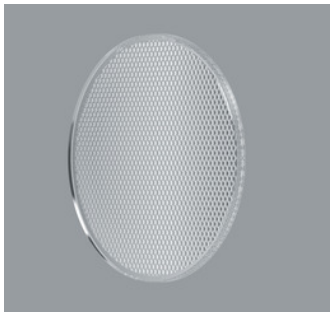
Accessories



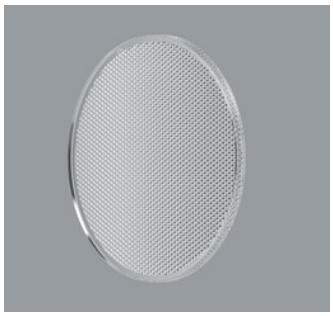
70857.000
Spherolit lens spot
made of optical polymer.
Replacement without tools.



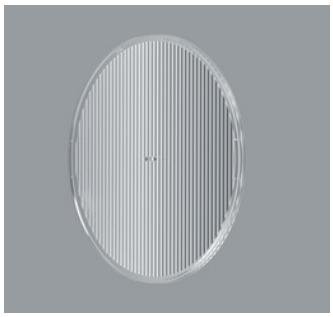
70858.000
Spherolit lens flood
made of optical polymer.
Replacement without tools.



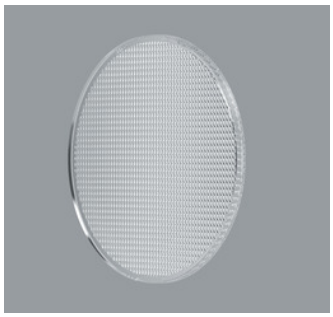
70859.000
Spherolit lens wide flood
made of optical polymer.
Replacement without tools.



73997.000
Spherolit lens extra wide flood
made of optical polymer.
Replacement without tools.



70860.000
Spherolit lens oval flood
made of optical polymer.
Replacement without tools.



70861.000
Spherolit lens wallwash
made of optical polymer.
Replacement without tools.