

71160.000 White (RAL9002)
 LED module: 12W 1260lm 3000K warm white
 Phase dimmable+ On-board Dim Version 5
 Spherolit lens, wallwash

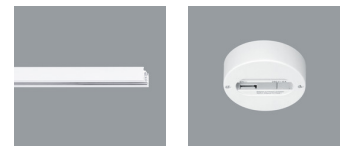
Product description
 Cylindrical light head: cast aluminium, powder-coated. 270° tilt.
 Housing: polymer, rotatable on 3-circuit adapter through 360°.
 ERCO control gear, dimmable. Rotary control for brightness regulation.
 3-phase adapter for ERCO 220-240V track: polymer, white.
 LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
 Dimming with external dimmers possible (trailing edge).
 Protection Class II
 Weight 0.74kg

Mean illuminance E_n (wall)

Angle of tilt 35°	4			
Wall height (m)	1.25	1.25	1.50	1.50
Offset from wall (m)	1.25	1.50	1.50	1.75
Luminaire spacing (m)	188	157	138	118
Illuminance E_n (lx)				

Technical data

Luminous flux of the luminaire	1060lm
Connected load	15.0W
Luminaire efficacy	71lm/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
Standby power per control gear	--
Luminaires per circuit breaker B16	203



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

Planning data

Illuminance E_n (lx)

Specifications:

Number of luminaires $n > 5$

Wall height (m) 4.0

Angle of tilt 35°

Offset from wall (m)	1.25		1.25		1.50		1.50	
	Luminaire spacing (m)		Luminaire spacing (m)		Luminaire spacing (m)		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
0.500	100	110	84	93	61	67	52	59
0.750	156	168	134	138	93	102	81	87
1.000	200	216	176	172	124	133	110	111
1.250	223	243	197	191	145	156	130	129
1.500	230	247	203	196	156	170	140	139
1.750	231	238	203	189	160	172	143	142
2.000	221	226	193	179	160	167	143	138
2.250	208	212	182	169	157	160	140	132
2.500	191	195	165	156	149	153	133	126
2.750	170	176	146	143	142	144	126	119
3.000	149	156	126	128	131	134	116	112
3.250	128	134	108	112	119	123	104	103
3.500	109	114	92	96	106	111	93	94

Cleaning (a) Ambient conditions	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
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 E
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: 696754
Model identifier: 3000054494
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



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



70710.000
Snoot
Polymer.
White



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



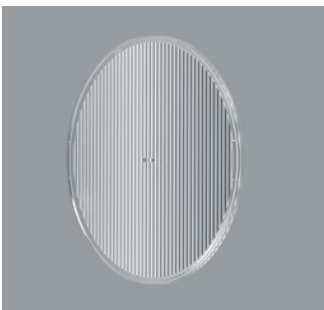
70634.000
Snoot
Polymer.
Black



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.