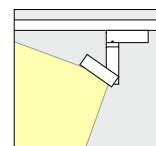
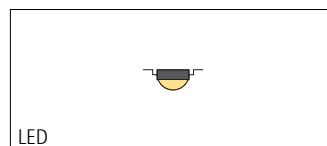
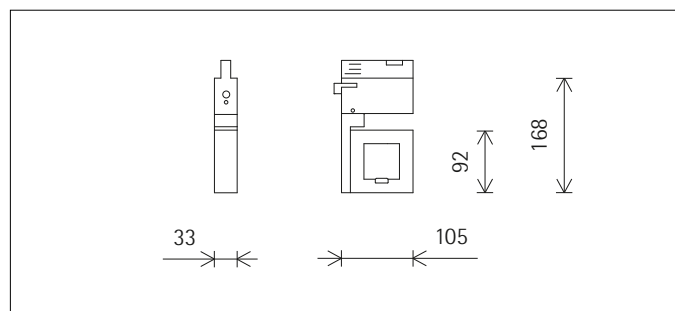
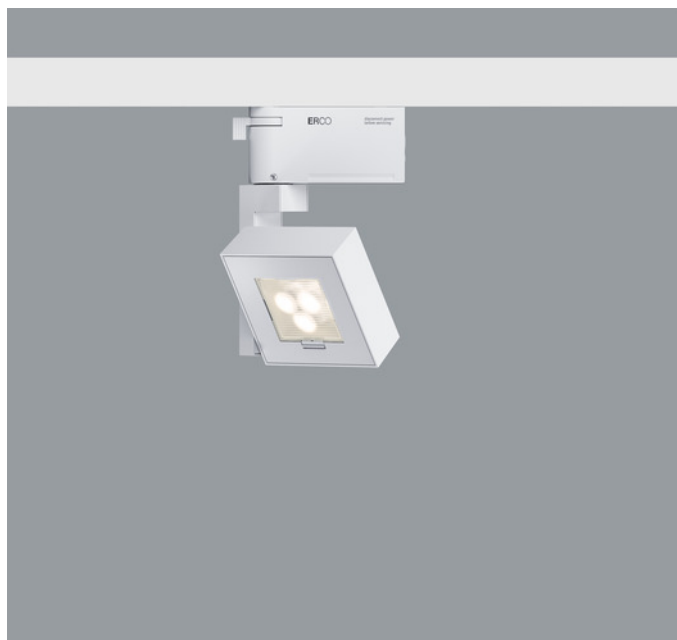


with transadapter



75181.000 White (RAL9002)
LED 6W 630lm 3000K warm white
Switchable
Version 6
Spherolit lens, wallwash

Product description
Housing and bracket: cast aluminium, powder-coated. 0°-90° tilt. Bracket on transadapter rotatable through 360°. Internal wiring.
Transadapter for ERCO 220-240V track: polymer, white. ERCO control gear.
LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
Frame: polymer.
Protection Class II
Weight 0.54kg

Technical data

Luminous flux of the luminaire	522lm
Connected load	8.0W
Luminaire efficacy	65lm/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	--
Dimming method	--
LMF	E
Energy efficiency class	EEI A+
Standby power per control gear	--
Luminaires per circuit breaker B16	79



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

For your regional contact in the ERCO
Sales network click here
www.erco.com/contact

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Technical Region: 220-240V 50/60Hz
We reserve the right to make technical
and design changes.
Edition: 19.10.2020
Current version under
www.erco.com/75181.000

Planning data

Illuminance E_n (lx)

Specifications:

Number of luminaires $n > 5$

Wall height (m) 3.0

Angle of tilt 35°

LED 6W 630lm 3000K warm white

Offset from wall (m)	1.00		1.00		1.00		1.25	
Luminaire spacing (m)	1.00		1.25		1.50		1.50	
	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires
0.250	88	92	73	72	66	54	41	42
0.500	137	141	117	105	109	75	67	65
0.750	164	163	142	119	133	83	85	77
1.000	168	171	145	126	136	88	94	83
1.250	166	170	142	127	131	91	95	86
1.500	156	163	131	123	121	90	93	87
1.750	144	150	121	115	110	85	90	85
2.000	128	132	106	103	95	78	83	82
2.250	110	112	90	88	80	68	78	76
2.500	92	93	75	74	66	59	70	69
2.750	75	76	61	61	53	49	62	61

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

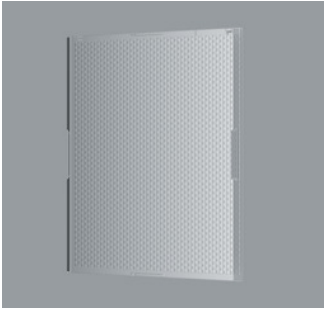
MF	LMF x RSMF x LLMF x LSF
MF	Maintenance Factor
LMF	Luminaire Maintenance Factor
RSMF	Room Surface Maintenance Factor
LLMF	Lamp Lumens Maintenance Factor
LSF	Lamp Survival Factor
P	Room pure
C	Room clean
N	Room normal
D	Room dirty

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

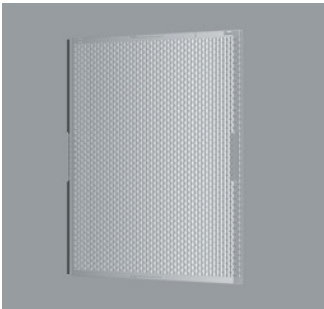
Accessories



75219.000
Spherolit lens spot
made of optical polymer.
Replacement without tools.



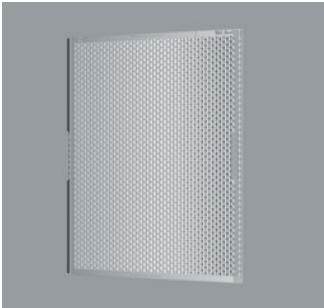
79836.000
Snoot
Polymer.
White



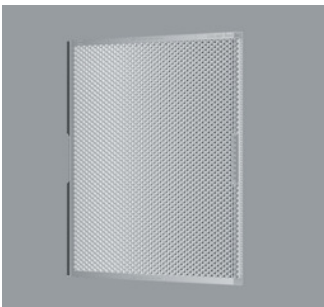
75220.000
Spherolit lens flood
made of optical polymer.
Replacement without tools.



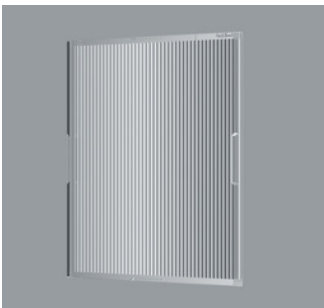
70604.000
Snoot
Polymer.
Black



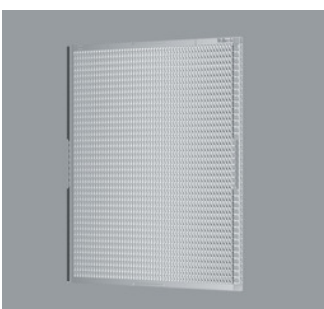
75221.000
Spherolit lens wide flood
made of optical polymer.
Replacement without tools.



73999.000
Spherolit lens extra wide flood
made of optical polymer.
Replacement without tools.



75222.000
Spherolit lens oval flood
made of optical polymer.
Replacement without tools.



75218.000
Spherolit lens wallwash
made of optical polymer.
Replacement without tools.