

A1035144 White (RAL9002)
 LED module: 25.1W 2797lm 3000K
 warm white
 Switchable
 Version 1
 Size L
 Spherolit lens, wallwash

Product description
 Housing: cast aluminium, powder-coated; can be swivelled through 90° on the bracket. Upper cover made of polymer.
 Bracket: cast aluminium/polymer, coated; can be rotated through 360° on the adapter.
 3-phase adapter for ERCO 220-240V track: polymer, white.
 Control gear.
 Lens unit: polymer, white, rotatable through 360°. Spherolit lens made of optical polymer.
 LED module: high-power LEDs. Collimating lens made of optical polymer.
 For ceiling mounting only.
 Install the luminaire out of people's normal reach.
 Weight 1.30kg

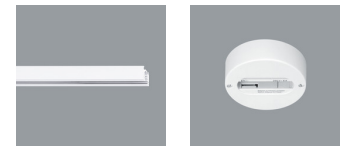
Mean illuminance E_n (wall)

Angle of tilt 35°

Wall height (m)	6			
Offset from wall (m)	2.00	2.00	2.00	2.50
Luminaire spacing (m)	2.00	2.50	3.00	3.50
Illuminance E _n (lx)	136	109	91	65

Technical data

Luminous flux of the luminaire	2106lm
Connected load	27.5W
Luminaire efficacy	77lm/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	--
LMF	E
Standby power per control gear	--
Luminaires per circuit breaker B16	50



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) 6.0

Angle of tilt 35°

	2.00		2.50		3.00		3.50	
	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires
Offset from wall (m)	2.00		2.00		2.00		2.50	
Luminaire spacing (m)	2.00		2.50		3.00		3.50	
0.500	65	79	54	60	50	41	30	29
1.000	113	129	91	103	82	78	49	49
1.500	148	152	117	122	102	97	62	64
2.000	157	163	125	131	108	104	70	70
2.500	156	162	124	132	106	107	72	73
3.000	153	157	121	128	102	106	72	75
3.500	148	151	117	122	99	101	70	74
4.000	140	142	112	115	94	94	68	72
4.500	127	130	102	105	86	86	66	69
5.000	112	114	90	92	76	76	63	65
5.500	96	97	77	79	65	65	59	60

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A1035144 (direct)	3000K CRI 92	0.54	0.48

MR Melanopic ratio according to DIN SPEC 5031-100-100:2015-08: "amel;v"

MDER Melanopic daylight equivalent ratio according to DIN SPEC 5031-100-100:2015-08: "amel;D65;v"

Multiplying the melanopic ratio MR with the illuminance gives the equivalent melanopic illuminance EML (equivalent melanopic lux). The equivalent illuminance with daylight (D65) is obtained by multiplying the illuminance by the melanopic daylight equivalent ratio MDER.

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

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: 985720

Model identifier: 3000060580

Download data sheets for control gear and disassembly instructions at www.erco.com/slr

Planning data

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



AC002145
 Lens unit spot
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002133
 Lens unit extra wide flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002176
 Lens unit spot
 Polymer, black, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002164
 Lens unit extra wide flood
 Polymer, black, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002138
 Lens unit flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002134
 Lens unit oval flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Anti-reflective Spherolit lens made of optical polymer.



AC002169
 Lens unit flood
 Polymer, black, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002165
 Lens unit oval flood
 Polymer, black, rotatable through 360°. Replacement without tools.
 Anti-reflective Spherolit lens made of optical polymer.



AC002136
 Lens unit wide flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002137
 Lens unit oval wide flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Anti-reflective Spherolit lens made of optical polymer.



AC002167
 Lens unit wide flood
 Polymer, black, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.



AC002168
 Lens unit oval wide flood
 Polymer, black, rotatable through 360°. Replacement without tools.
 Anti-reflective Spherolit lens made of optical polymer.

Accessories



AC002135
 Lens unit wallwash
 Polymer, white, rotatable through 360°. Replacement without tools.
 Anti-reflective Spherolit lens made of optical polymer.



AC002255
 Lens unit narrow framing
 Aluminium/polymer, coated black, pivotable through 360°. Replacement without tools.
 Projection lens, continuously focusable. Ideal for long projection distances.
 Framing attachment: stainless steel, black.
 Aperture.



AC002166
 Lens unit wallwash
 Polymer, black, rotatable through 360°. Replacement without tools.
 Anti-reflective Spherolit lens made of optical polymer.



AC002256
 Lens unit narrow framing
 Aluminium/polymer, coated white, pivotable through 360°. Replacement without tools.
 Projection lens, continuously focusable. Ideal for long projection distances.
 Framing attachment: stainless steel, black.
 Aperture.



AC002148
 Lens unit zoom spot
 Polymer, white, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.



AC002259
 Lens unit wide framing
 Aluminium/polymer, coated white, pivotable through 360°. Replacement without tools.
 2 projection lenses, continuously focusable. Ideal for short projection distances.
 Framing attachment: stainless steel, black.
 Aperture.



AC002179
 Lens unit zoom spot
 Polymer, black, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.



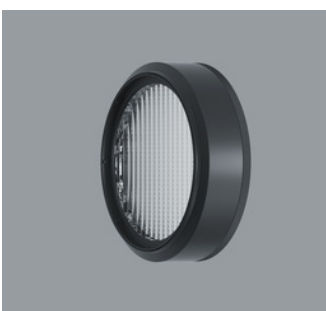
AC002264
 Lens unit wide framing
 Aluminium/polymer, coated black, pivotable through 360°. Replacement without tools.
 2 projection lenses, continuously focusable. Ideal for short projection distances.
 Framing attachment: stainless steel, black.
 Aperture.



AC002147
 Lens unit zoom oval
 Polymer, white, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.



AC006035
 Softening lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

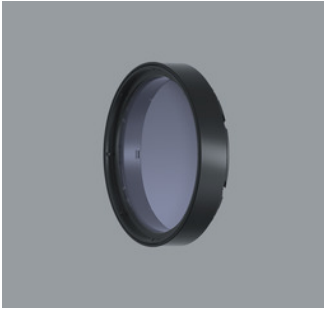


AC002178
 Lens unit zoom oval
 Polymer, black, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.



AC006043
 Sculpture lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.

Accessories



AC006038
Cold Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



AC001018
Snoot
Polymer, black.



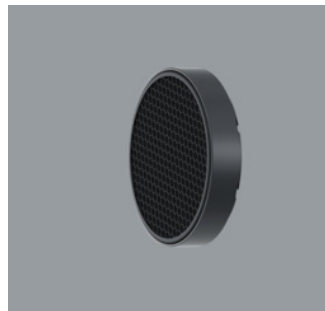
AC006036
Cold Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



AC001020
Snoot
Polymer, black, coated white on outside.



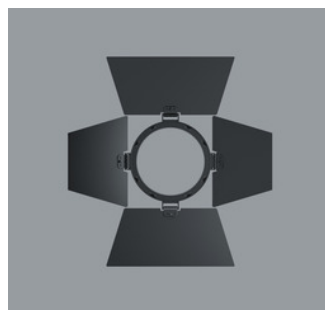
AC006049
Warm Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



AC004026
Honeycomb anti-glare screen
Aluminium, powder-coated black, polymer outer.



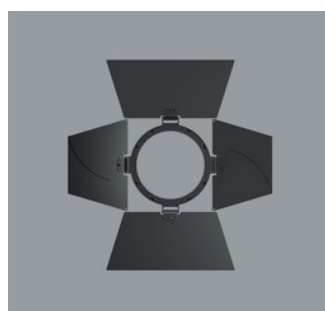
AC006048
Warm Filter Plus
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



AC005005
Barn doors 4-fold
Aluminium, coated black.



AC006039
Skintone Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.



AC005007
Barn doors 8-fold
Aluminium, coated black.



AC006037
Blue Light Filter
Filter holder: polymer, black, rotatable through 360°. Replacement without tools.