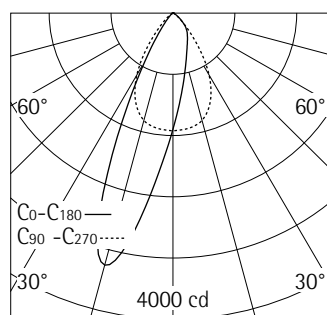
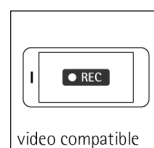
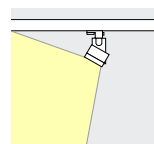
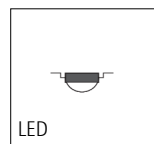
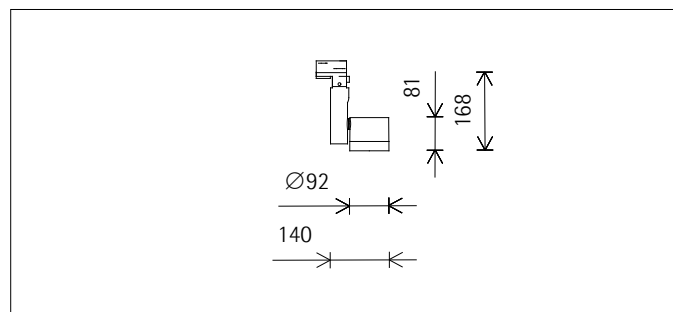




A9006305 White (RAL9002)
LED module: 19.6W 2348lm 3500K
neutral white
On-board Dim
Version 1
Size M
Spherolit lens, wallwash

Product description
Cylindrical light head: cast aluminium, powder-coated. 270° tilt.
Housing: polymer, rotatable on adapter through 360°.
3-phase adapter for ERCO 220-240V track: polymer, white.
ERCO control gear. Rotary control for brightness regulation.
LED module: high-power LEDs.
Collimating lens made of optical polymer.
Lens unit: polymer, white, rotatable through 360°. Spherolit lens made of optical polymer.
Install the luminaire out of people's normal reach.
Protection Class II
Weight 0.68kg

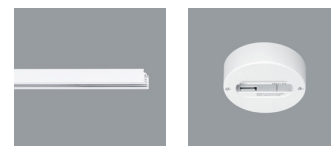


Mean illuminance E_n (wall)

Angle of tilt 35°				
Wall height (m)	4			
Offset from wall (m)	1.25	1.25	1.50	1.50
Luminaire spacing (m)	1.50	1.75	1.75	2.00
Illuminance E_n (lx)	253	217	189	165

Technical data

Luminous flux of the luminaire	1700lm
Connected load	22.3W
Luminaire efficacy	76lm/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
TLA (Temporal Light Artefacts)	SVM ≤ 0.1; PstLM ≤ 1
LMF	E
Standby power per control gear	0.4W
Luminaires per circuit breaker B16	142



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

Technical Region: 220-240V 50/60Hz
We reserve the right to make technical
and design changes.
Edition: 24.05.2024
Current version under
www.erco.com/A9006305

Planning data

Melanopic light effect

Art. no.	Spectrum	MR	MDER
A9006305 (direct)	3500K CRI 92	0.62	0.57

MR	Melanopic factor (of luminous radiation) a _{mel,v}
MDER	Melanopic Daylight Efficacy Ratio [gamma] _{mel,v,D65}

Multiplying the illuminance with the melanopic daylight efficacy ratio MDER gives the melanopic equivalent daylight illuminance MEDI. (MEDI Melanopic Equivalent Daylight Illuminance [lx] E_{v, mel, D65} [lx]).

Extract from the Environmental Product Declaration (EPD)

The entire EPD can be found at: www.erco.com/A9006305

Extrapolation coefficients to convert the reference data from the EPD document for the declared unit

Lighting output	Manufacturing	Distribution	Installation	Use	End of Life	Benefits and loads
1700	2.592	1.327	1	1.906	1.536	2.592

Frequently used EPD data that have already been converted for this article number.

Parameter	Unit	A1-A3	A4	A5	B6	C1	C2	C3	C4	D	Total, excl. D
Results per functional unit											
GWP	kg CO ₂ -eq.	9.60E00	7.09E-02	1.29E-01	1.39E02	0.00E00	2.03E-03	1.96E-01	2.10E-03	-1.99E-01	1.49E02
GWP-biogenic	kg CO ₂ -eq.	-3.20E-01	0.00E00	1.24E-01	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	-1.96E-01
Results per declared unit											
GWP	kg CO ₂ -eq.	3.50E01	2.57E-01	4.70E-01	5.05E02	0.00E00	7.42E-03	7.13E-01	7.65E-03	-7.23E-01	5.41E02
GWP-biogenic	kg CO ₂ -eq.	-1.17E00	0.00E00	4.50E-01	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	-7.20E-01

A1-A3	Manufacturing
A4	Distribution
A5	Installation
B6	Use
C1-C4	End of Life
D	Benefits and loads

The data for operating the light (Use B6) refer to the European power source mix. You will find the ERCO EPD Help under Downloads/General 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

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	LMFxLLMFxLSF
MF	Maintenance Factor
LMF	Luminaire 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: 1784572

Model identifier: 3000068536

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.ercos.com/ercos-led

For explanations of the symbols and abbreviations used and other general information, see www.ercos.com/symbols

Accessories



AC002074
 Lens unit spot
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002075
 Lens unit extra wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002109
 Lens unit spot
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



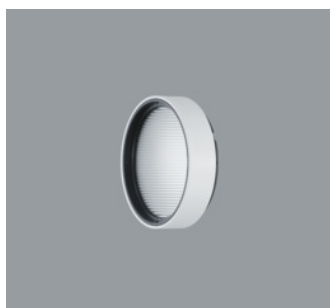
AC002110
 Lens unit extra wide flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002072
 Lens unit flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002073
 Lens unit oval flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002106
 Lens unit flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002108
 Lens unit oval flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002071
 Lens unit wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002079
 Lens unit oval wide flood
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg

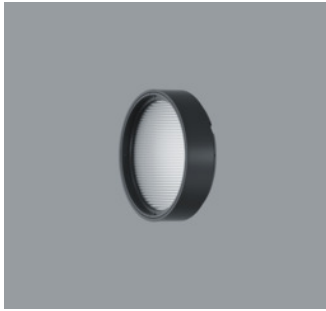


AC002105
 Lens unit wide flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002114
 Lens unit oval wide flood
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg

Accessories



AC002077
 Lens unit wallwash
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002257
 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.
 Weight 0.55kg



AC002112
 Lens unit wallwash
 Polymer, white, rotatable through 360°. Replacement without tools.
 Spherolit lens made of optical polymer.
 Weight 0.14kg



AC002262
 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.
 Weight 0.55kg



AC002119
 Lens unit zoom spot
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.
 Weight 0.09kg



AC002260
 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.
 Weight 0.55kg



AC002130
 Lens unit zoom spot
 Polymer, white, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.
 Weight 0.09kg



AC002265
 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.
 Weight 0.55kg



AC002121
 Lens unit zoom oval
 Polymer, black lacquered, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.
 Weight 0.09kg



AC006001
 Softening lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
 Weight 0.07kg



AC002132
 Lens unit zoom oval
 Polymer, white, rotatable through 360°. Replacement without tools.
 Anti-reflective zoom lens made of optical polymer, infinitely variable focus.
 Weight 0.09kg



AC006026
 Sculpture lens
 Filter holder: polymer, black, rotatable through 360°. Replacement without tools.
 Weight 0.07kg

Accessories



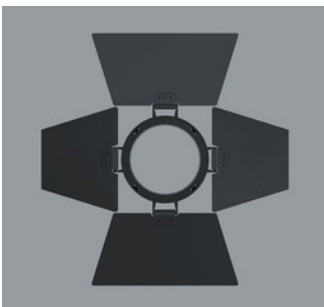
AC001005
Snoot
Polymer, black.
Weight 0.02kg



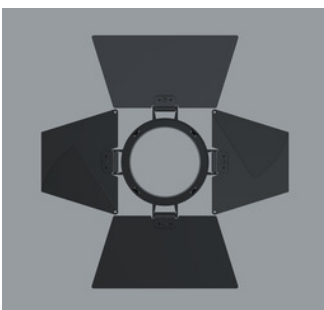
AC001008
Snoot
Polymer, black, coated white on
outside.
Weight 0.02kg



AC004025
Honeycomb anti-glare screen
Black
Weight 0.06kg



AC005001
Barn doors 4-fold
Aluminium, coated black.
Weight 0.13kg



AC005003
Barn doors 8-fold
Aluminium, coated black.
Weight 0.16kg