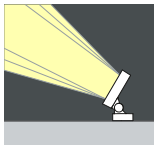
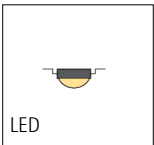
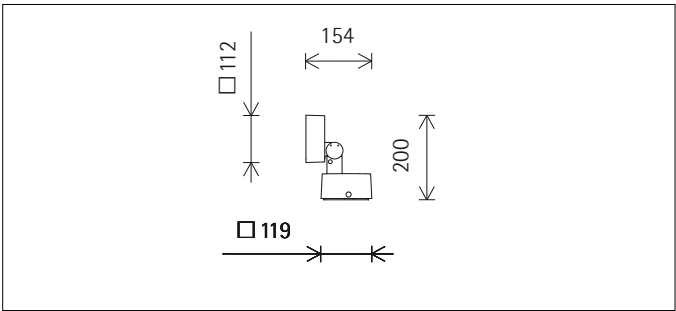


ERCO Lightscan Projector



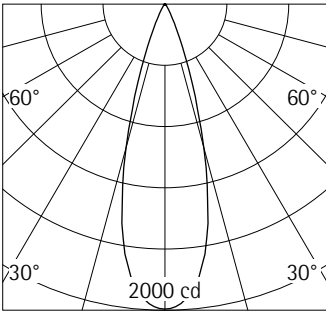
CE ENEC 05
IP 65 UK CA

35542.000 Graphit m
LED module: 6.1W 717lm 3000K warm white
Switchable
Version 5
Spherolit lens, flood

Product description

Housing and hinge: corrosion-resistant cast aluminium, No-Rinse surface treatment. Double powder-coated. Optimised surface for reduced accumulation of dirt. 90° tilt, 360° rotation. Hinge with scaling and inner cable routing.
Mounting plate: polymer, coated.
4-pole terminal block.
ERCO control gear.
LED module: high-power LEDs.
Collimating lens made of optical polymer.
Luminaire head with non-reflective safety glass: corrosion-resistant cast aluminium, double powder-coated.
Internal anti-glare cone, polymer, black lacquered.
Protection mode IP65: dust-proof and

water jet-proof.
Protection Class II
Housing temperature 33°C
Maximum wind load area 0.02m²
Weight 1.48kg
Version with 3000K CRI 97 or 2700K, 3500K, 4000K CRI 92 available on request.



h(m)	E(lx)	D(m)
		30°
2	498	1.07
4	125	2.14
6	55	3.22
8	31	4.29
10	20	5.36

Technical data

Luminous flux of the luminaire	555lm
Connected load	8.0W
Luminaire efficacy	69lm/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	--
TLA (Temporal Light Artefacts)	SVM ≤ 0.4; PstLM ≤ 1
LMF	E
Standby power per control gear	--
Luminaires per circuit breaker B16	58

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/35542.000

Planning data

Melanopic light effect

Art. no.	Spectrum	MR	MDER
35542.000 (direct)	3000K CRI 92	0.53	0.48

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/35542.000

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

Lighting output	Manufacturing	Distribution	Installation	Use	EoL	benefits and loads
500	1.11	0.309	0.338	0.291	0.3	1.11

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.	2.56E01	5.54E-01	9.50E-01	3.39E02	0.00E00	1.68E-02	4.77E-01	8.04E-03	-3.08E00	3.67E02
GWP-biogenic	kg CO ₂ -eq.	-3.05E00	0.00E00	9.28E-01	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	-2.12E00

Results per declared unit

GWP	kg CO ₂ -eq.	2.75E01	5.93E-01	1.02E00	3.64E02	0.00E00	1.80E-02	5.10E-01	8.61E-03	-3.31E00	3.94E02
GWP-biogenic	kg CO ₂ -eq.	-3.26E00	0.00E00	9.94E-01	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	0.00E00	-2.27E00

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: 1708733

Model identifier: 3000068214

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

Planning data

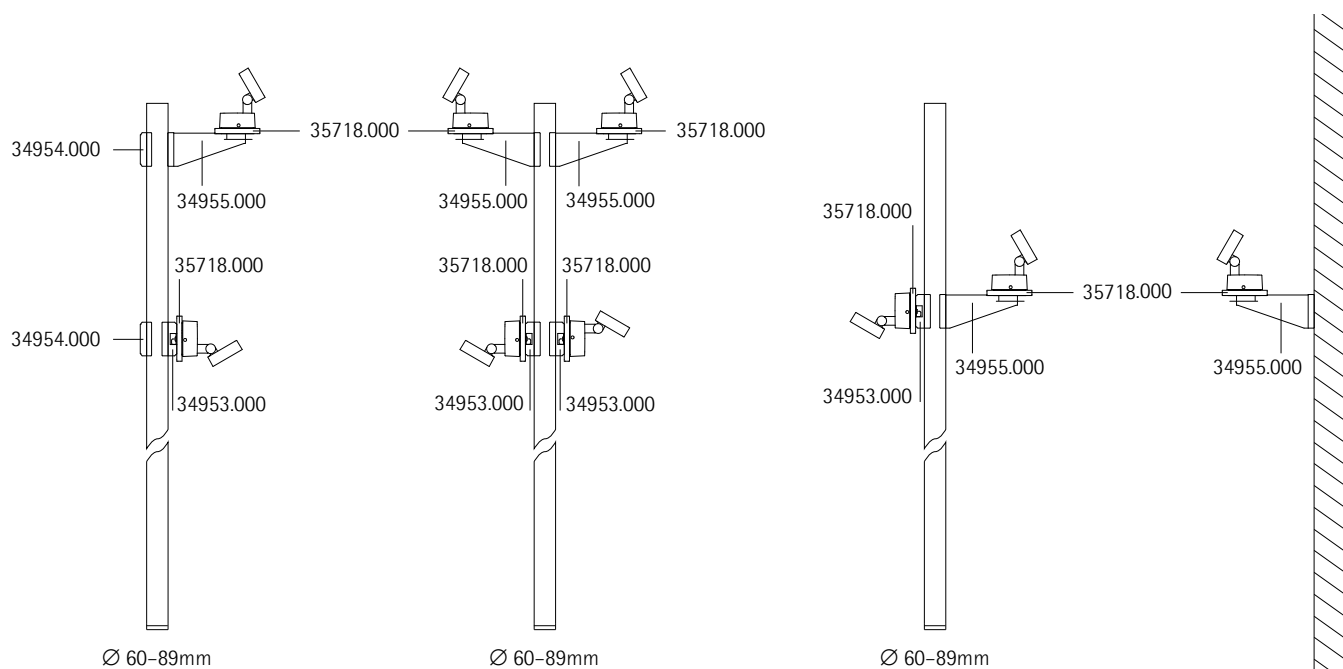
Technical data in accordance with international norms and standards

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



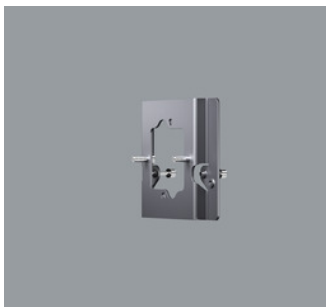
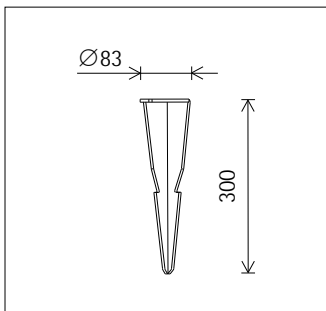
Accessories



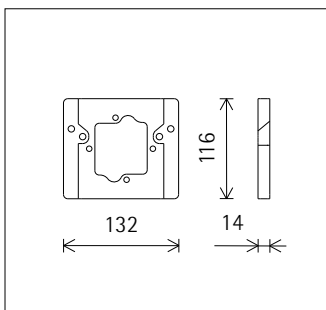
34974.000
Distribution box, IP68
With four cable entries, 7-25mm.
Polymer.
ø 102mm, L 305mm.
Weight 0.47kg
CE IP 68 3m



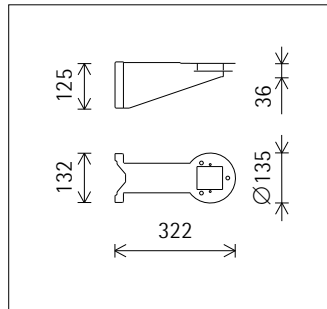
35719.000
Ground spike
Metal, hot-dip galvanised.
Weight 1.10kg



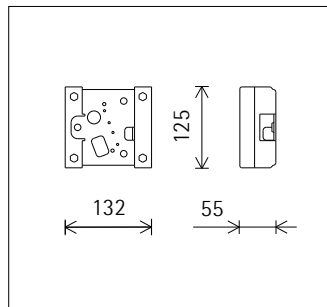
35718.000
Adapter piece
for mounting on cantilever arm or
attachment
Stainless steel, graphit m coated.
Cantilever arm or attachment to be
ordered separately.
Weight 0.21kg



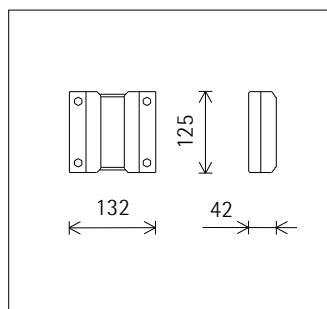
34955.000
Cantilever arm
for standing luminaire installation on
upright supporting pole ø 60-89mm or
wall.
Housing: stainless steel. Graphit m,
powder-coated.
Clamping plate or second cantilever
arm for fixing on upright supporting
pole to be ordered separately.
Upright supporting pole ø 60-89mm to
be ordered separately.
Weight 2.20kg
Only in conjunction with
35718.000



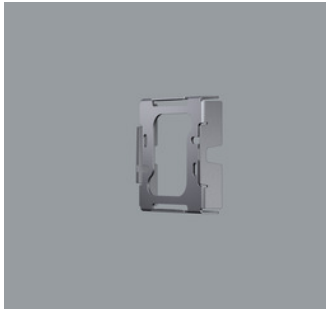
34953.000
Attachment
for upright supporting pole ø
60-89mm.
Housing: stainless steel. Graphit m,
powder-coated.
Clamping plate or second attachment
for fixing to be ordered separately.
Upright supporting pole ø 60-89mm to
be ordered separately.
Weight 1.00kg
Only in conjunction with
35718.000



34954.000
Clamping plate
for fixing cantilever arm or attachment
on upright supporting pole ø
60-89mm.
Housing: stainless steel. Graphit m,
powder-coated.
Cantilever arm or attachment to be
ordered separately.
Weight 0.80kg
Only in conjunction with
34953.000
34955.000



Accessories

**35716.000**

Spacer

Stainless steel, graphite m coated.

Weight 0.19kg

