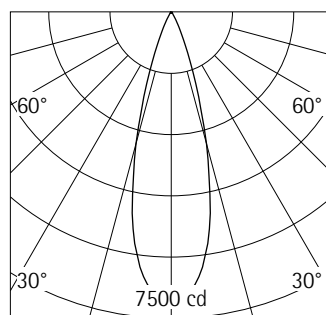


35596.000 Graphit m
LED 24W 2520lm 3000K warm white
Phase dimmable+ On-board Dim
Version 4
Spherolit lens, flood

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. ERCO control gear, dimmable. Rotary control for brightness regulation. 2 cable entries. Through-wiring possible. 5-pole terminal block. LED module: high-power LEDs on metal-core PCB. 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.

Dimming with external dimmers possible (trailing edge).
Protection mode IP65: dust-proof and water jet-proof.
Protection Class II
Weight 2.55kg
Maximum wind load area 0.03m²
Version with 3000K CRI 97 or 2700K, 3500K, 4000K CRI 92 available on request.



h(m)	E(lx)	D(m)
		29°
2	1775	1.03
4	444	2.07
6	197	3.10
8	111	4.14
10	71	5.17

Technical data

Luminous flux of the luminaire	1941lm
Connected load	29.0W
Luminaire efficacy	67lm/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
Energy efficiency class	EEI A+
Standby power per control gear	--
Luminaires per circuit breaker B16	112

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: 08.12.2020
Current version under
www.erco.com/35596.000

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
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

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.ercos.com/ercos-led

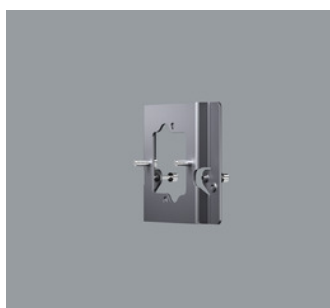
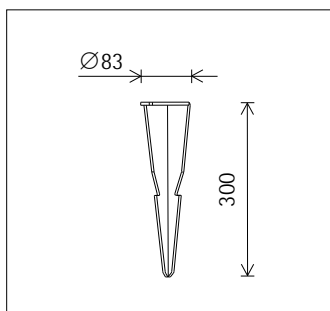
Accessories



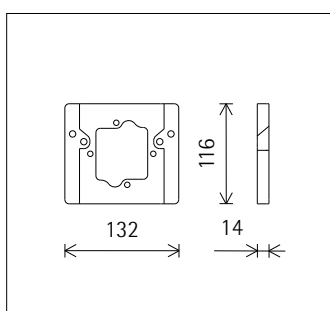
34974.000
Distribution box, IP68
With four cable entries, 7-25mm.
Polymer.
ø 102mm, L 305mm.
Weight 0.47kg
CE IP 68 3m



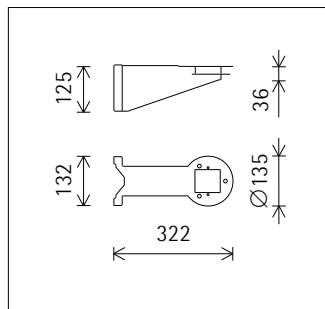
35719.000
Ground spike
Metal, hot-dip galvanised.
Weight 1.10kg



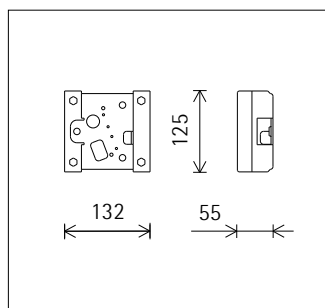
35718.000
Adapter piece
for mounting on cantilever arm or
attachment
Stainless steel, graphit m coated.
Cantilever arm or attachment to be
ordered separately.
Weight 0.21kg



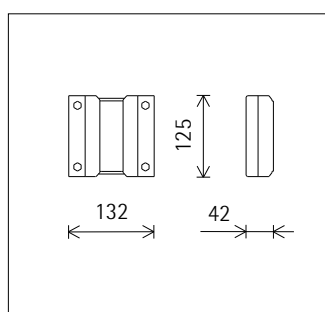
34955.000
Cantilever arm
for standing luminaire installation on
upright supporting pole ø 60-89mm or
wall.
Housing: stainless steel. Graphit m,
powder-coated.
Clamping plate or second cantilever
arm for fixing on upright supporting
pole to be ordered separately.
Upright supporting pole ø 60-89mm to
be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



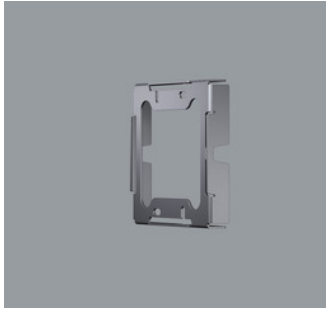
34953.000
Attachment
for upright supporting pole
ø 60-89mm.
Housing: stainless steel. Graphit m,
powder-coated.
Clamping plate or second attachment
for fixing to be ordered separately.
Upright supporting pole ø 60-89mm to
be ordered separately.
Weight 1.00kg
Only in conjunction with
35718.000



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



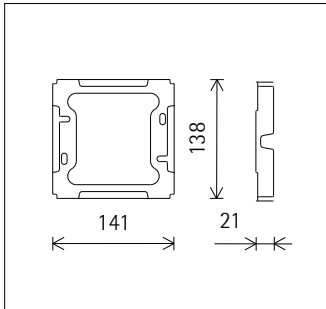
Accessories

**35717.000**

Spacer

Stainless steel, graphite m coated.

Weight 0.24kg



ERCO

Lightscan Projector

