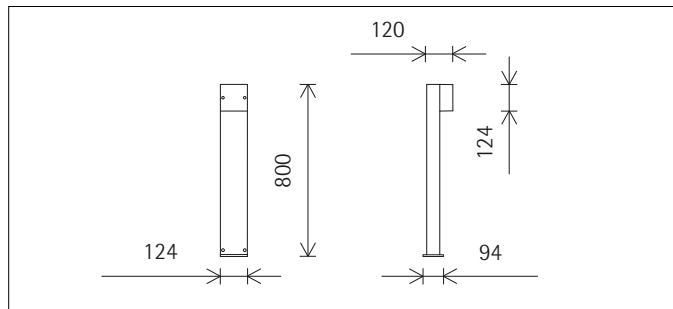
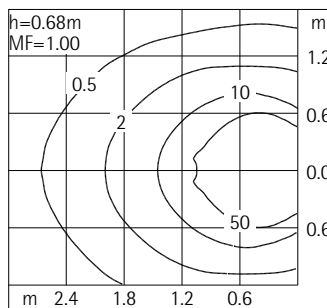
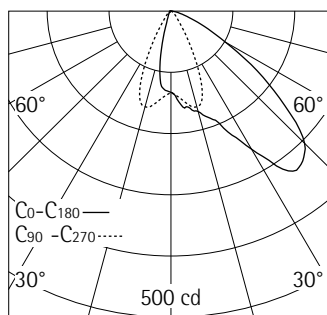


33269.000 Graphit m
LED module: 2.9W 391lm 3000K warm white
Switchable
Version 10
Deep beam

Product description

For mounting on accessories.
Bollard: corrosion-resistant aluminium profile, No-Rinse surface treatment. Double powder-coated. Optimised surface for reduced accumulation of dirt.
Luminaire housing and base plate: corrosion-resistant cast aluminium, No-Rinse surface treatment. Double powder-coated. Base plate for mounting on ground socket, concrete anchor or mounting plate.
2 screwed cable glands M20.
Through-wiring possible. 3-pole terminal block.
Control gear.
LED module: high-power LEDs.
Collimating lens made of optical polymer.

Softec lens as safety glass.
Monteringstillbehör beställs separat.
Mark-washer och pollare måste monteras på plats.
Protection mode IP65: dust-proof and water jet-proof.
Maximum wind load area 0.1m²
Weight 3.91kg
Version with 3000K CRI 97 or 2700K, 3500K, 4000K CRI 92 available on request.



Technical data

Luminous flux of the luminaire	275lm
Connected load	4.4W
Luminaire efficacy	62lm/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	F
Standby power per control gear	--
Luminaires per circuit breaker B16	50

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: 08.05.2024
Current version under
www.erco.com/33269.000

Planning data

Melanopic light effect

Art. no.	Spectrum	MR	MDER
33269.000 (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 MEDl. (MEDl Melanopic Equivalent Daylight Illuminance $[lx] E_{v, mel, D65} [lx]$).

Cleaning (a)	1				2				3			
Ambient conditions	P	C	N	D	P	C	N	D	P	C	N	D
LMF	0.93	0.86	0.81	0.74	0.88	0.77	0.66	0.57	0.85	0.70	0.55	0.45

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: 1708741
Model identifier: 3000068230
Download data sheets for control gear and disassembly instructions at www.erco.com/slr

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
EN13032-4	Light and lighting – measurement and representation of photometric data
CIE 13	Method of measuring and specifying colour rendering properties of light sources

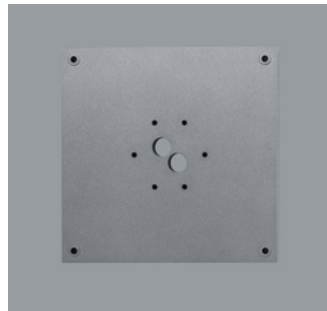
All technical data is subject to industry-standard tolerances.
Also see www.erco.com/erco-led

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

Accessories



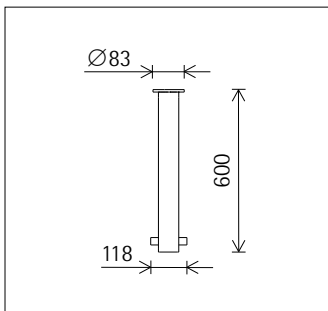
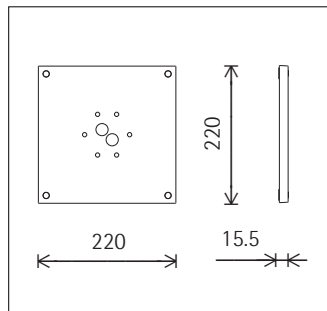
34974.000
Distribution box, IP68
With four cable entries, 7-25mm.
Polymer.
ø 102mm, L 305mm.
Weight 0.47kg
CE IP 68 3m



33983.000
Mounting plate
Corrosion-resistant cast aluminium,
No-Rinse surface treatment. Graphit m,
double powder-coated.
Weight 1.00kg



33975.000
Ground socket
Metal, hot-dip galvanised.
Weight 2.10kg



33979.000
Concrete anchor
Mounting plate with threaded bar and
fixing nuts M6. Individual parts to be
assembled on-site.
Weight 0.25kg

