



84465.000 Silver
 LED 8W 840lm 3000K warm white
 Dimmable
 Version 4
 Lens system, wallwash

Product description
 Housing with cover ring: corrosion-resistant cast aluminium, No-Rinse surface treatment. Silver, double powder-coated. Mounting with 2-point support and screw fixing, for ceiling thicknesses of 1-30mm. Side-mounted control gear: polymer, black.
 ERCO control gear, dimmable. 2 cable entries. Through-wiring possible. 5-pole terminal block.
 LED module: high-power LEDs on metal-core PCB. Lens system made of optical polymer.
 Wallwasher reflector: polymer, aluminium vaporised, silver, ribbed, with lower diffuser. Optical cut-off 30°. Non-reflective safety glass.
 Dimming with external dimmers possible (trailing edge).
 Protection mode IP65: dust-proof and water jet-proof.
 Weight 1.30kg

Technical data

Luminous flux of the luminaire	610lm
Connected load	11W
Luminaire efficacy	55lm/W
Colour deviation	2 SDCM
Colour rendition index	CRI ≥90
Lumen maintenance (LM-80/TM-21)	L90/B10 ≤50000h
Lumen maintenance (LED manufacturer specifications)	L90 ≤100000h
LED failure rate	0.1% ≤50000h
Dimming range	1%-100%
Dimming method	CCR_PWM
LMF	E
Energy efficiency class	EEL A+
Standby power per control gear	--
Luminaires per circuit breaker B16	216

For your regional contact in the ERCO
 Sales network click here
www.ercocom/contact

Technical Region: 220V-240V/50Hz
 We reserve the right to make technical and design changes.
 Edition: 27.10.2017
 Current version under
www.ercocom/84465.000

Planning data

Illuminance E_n (lx)

Specifications:

Number of luminaires $n > 5$

Wall height (m) 3.0

Offset from wall (m) Luminaire spacing (m)	0.90		1.20	
	below the luminaire	between the luminaires	below the luminaire	between the luminaires
0.250	66	58	27	23
0.500	131	122	57	52
0.750	176	167	81	76
1.000	200	189	99	94
1.250	196	186	110	104
1.500	175	168	113	107
1.750	148	144	108	103
2.000	123	120	99	94
2.250	101	99	87	85
2.500	83	81	76	74
2.750	67	66	66	65

Cleaning (a) Ambient conditions	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	0.97	0.95	0.91	0.86	0.97	0.94	0.90	0.86	0.97	0.94	0.90	0.86

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.erco.com/erco-led

Accessories



83738.000
Concrete housing
Stainless steel, galvanised/powder-coated.
Recommended 0-8mm aggregate for the concrete.
Weight 4.35kg

