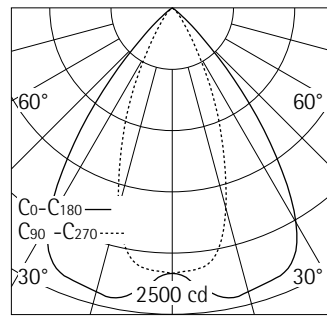


84439.000 Silver
LED 24W 2520lm 3000K warm white
Phase dimmable
Version 5
Size 5
Lens system, oval flood

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. 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. Anti-glare ring with cross-baffle: polymer, aluminium vaporised, silver, ribbed. 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 1.90kg. Version with 3000K CRI 97 or 2700K, 3500K, 4000K CRI 92 available on request.



h(m)	E(lx)	D(m)	
		C0	C90
		74°	43°
1	2167	1.51	0.79
2	542	3.01	1.58
3	241	4.52	2.36
4	135	6.03	3.15
5	87	7.54	3.94

Technical data

Luminous flux of the luminaire	2081lm
Connected load	29.0W
Luminaire efficacy	72lm/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:
220V-240V/50Hz-60Hz
We reserve the right to make technical and design changes.
Edition: 29.01.2020
Current version under
www.erco.com/84439.000

Planning data

Cleaning (a)	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