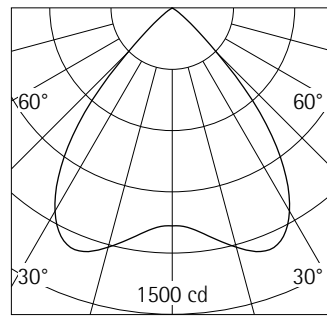


**84428.000 Silver**  
 LED 16W 2200lm 4000K neutral white  
 Phase dimmable  
 Version 5  
 Lens system, extra wide flood

**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.  
 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.  
 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 1.60kg  
 Version with 3000K CRI 95 or 2700K, 3500K, 4000K CRI 92 available on request.



h(m)	E(lx)	D(m)
		81°
1	1067	1.71
2	267	3.42
3	119	5.12
4	67	6.83
5	43	8.54

**Technical data**

Luminous flux of the luminaire	1920lm
Connected load	21.0W
Luminaire efficacy	91lm/W
Colour deviation	1.5 SDCM
Colour rendition index	CRI 82
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	153

For your regional contact in the ERCO  
 Sales network click here  
[www.erco.com/contact](http://www.erco.com/contact)

Technical Region: 220V-240V/50Hz  
 We reserve the right to make technical and design changes.  
 Edition: 21.02.2019  
 Current version under  
[www.erco.com/84428.000](http://www.erco.com/84428.000)

## 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](http://www.erco.com/erco-led)

## Accessories



**83740.000**  
Concrete housing  
Stainless steel, galvanised/powder-coated.  
Recommended 0-8mm aggregate for the concrete.  
Weight 6.10kg

