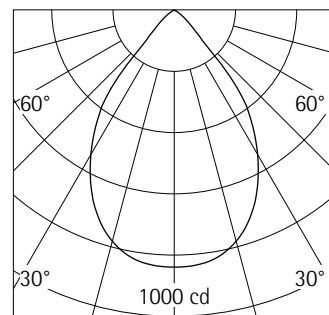


**86355.000** White (RAL9010)  
LED 8W 1100lm 4000K neutral white  
DALI  
Version 4  
Lens system, wide flood

**Product description**  
Cylinder: cast aluminium, powder-coated. Ceiling fixture: metal. ERCO DALI control gear. 5-pole terminal block.  
LED module: high-power LEDs on metal-core PCB. Lens system made of optical polymer.  
Anti-glare cone: polymer, white (RAL9016). Optical cut-off 30°. Weight 0.86kg  
Version with 3000K CRI 95 or 2700K, 3500K, 4000K CRI 92 available on request.



Beam angle  
C<sub>0</sub> 71°

UGR glare evaluation  
C<sub>0</sub> 18.6

**Technical data**

Luminous flux of the luminaire	988lm
Connected load	11.0W
Luminaire efficacy	90lm/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	0.1%-100%
Dimming method	CCR
LMF	E
Energy efficiency class	EEI A++
Standby power per control gear	0.4W
Luminaires per circuit breaker B16	260

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/86355.000](http://www.erco.com/86355.000)

## Planning data

86355.000 LED 8W 1100lm 4000K neutral white  
 Connected load P: 11 W  
 Connected load per 100lx P\*: 1.0 W/m<sup>2</sup>  
 Number of luminaires per 100lx n\*: 9.4 1/100m<sup>2</sup>

86355.000 LED 8W 1100lm 4000K neutral white  
 Number of luminaires per 100m<sup>2</sup> for  
 100lx 200lx 300lx 500lx  
 10 19 29 47

86355.000 LED 8W 1100lm 4000K neutral white  
 Module (m) 1.2x1.8 1.8x1.8 1.8x2.4 2.4x2.4  
 Illuminance E<sub>n</sub> (lx) for module (m) 494 329 247 185

### Correction table

Ceiling	0.70	0.70	0.70	0.50	0
Wall	0.70	0.50	0.20	0.20	0
Floor	0.50	0.20	0.20	0.10	0

k	0.6	84	60	64	58	53
k	1.0	98	76	79	72	67
k	1.5	107	89	90	83	77
k	2.5	113	100	97	90	84
k	3.0	115	104	100	93	86

Cleaning (a)	1				2				3			
	P	C	N	D	P	C	N	D	P	C	N	D
Ambient conditions												
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

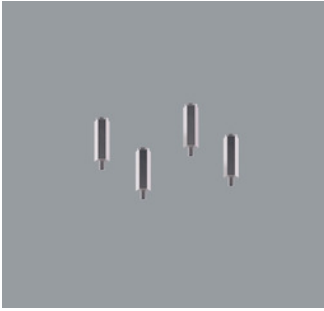
MF LMFxRSMFxLLMFxLSF  
 MF Maintenance Factor  
 LMF Luminaire Maintenance Factor  
 RSMF Room Surface Maintenance Factor  
 LLMF Lamp Lumens Maintenance Factor  
 LSF Lamp Survival Factor  
 P Room pure  
 C Room clean  
 N Room normal  
 D Room dirty

### 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  
 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 industrially standard tolerances.  
 Also see [www.erco.com/erco-led](http://www.erco.com/erco-led)

## Accessories



**86502.000**  
Spacer set  
for surface-mounted cables.  
Polymer, black.