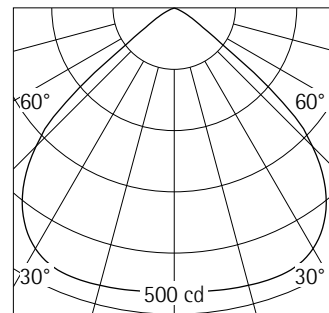


86341.000 White (RAL9010)
LED 8W 1100lm 4000K neutral white
DALI
Version 4
Lens system, extra wide flood

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 0.85kg
Version with 3000K CRI 95 or 2700K, 3500K, 4000K CRI 92 available on request.



Beam angle
C₀ 98°

Technical data

Luminous flux of the luminaire	992lm
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

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/86341.000

Planning data

86341.000 LED 8W 1100lm 4000K neutral white
 Connected load P: 11 W
 Connected load per 100lx P*: 1.1 W/m²
 Number of luminaires per 100lx n*: 9.8 1/100m²

86341.000 LED 8W 1100lm 4000K neutral white
 Number of luminaires per 100m² for
 100lx 200lx 300lx 500lx
 10 20 30 49

86341.000 LED 8W 1100lm 4000K neutral white
 Module (m) 1.2x1.8 1.8x1.8 1.8x2.4 2.4x2.4
 Illuminance E_n (lx) for module (m) 473 315 236 177

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	79	49	55	48	41
k	1.0	97	70	74	67	60
k	1.5	108	86	88	80	73
k	2.5	116	100	98	90	83
k	3.0	119	105	101	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

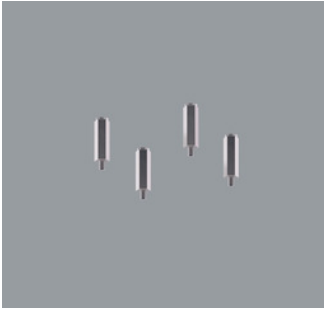
Hours of operation (h)	1000	5000	10000	20000	30000	40000	50000
LLMF	1.00	0.99	0.98	0.96	0.94	0.92	0.90
LSF	1	1	1	1	1	1	1

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

Accessories

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