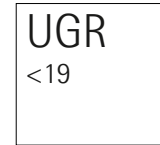
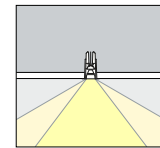
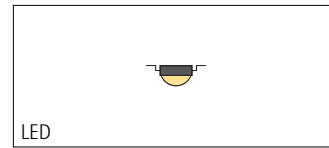
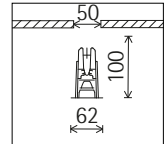
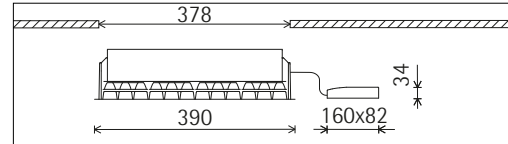
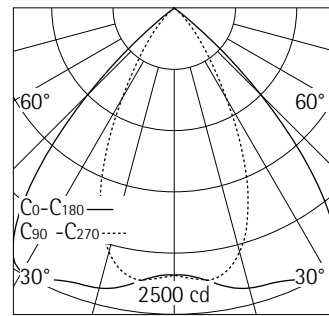


with black louvre



86661.000
 LED 38W 3720lm 3000K warm white
 Switchable
 Version 2
 Lens system oval wide flood

Product description
 Housing: aluminium profile, designed as heat sink, with connection cable L 500mm.
 Mounting frame: polymer, white (RAL9002). Fixing springs for ceiling thicknesses of 1-40mm.
 Includes control gear. 2-pole terminal block.
 LED module: high-power LEDs on metal-core PCB. Lens system made of optical polymer.
 Louvre: polymer, black lacquered. Cut-off angle 30°.
 Min. distance between luminaire and control gear 200mm.
 Protection Class II
 Weight 1.33kg



Beam angle
 C₀ 87°
 C₉₀ 54°
 UGR glare evaluation
 C₀ 24.2
 C₉₀ 16.2

Technical data

Luminous flux of the luminaire	2745lm
Connected load	39.0W
Luminaire efficacy	70lm/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	--
Dimming method	--
LMF	D
Energy efficiency class	EEI A+
Standby power per control gear	--
Luminaires per circuit breaker B16	16

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

Technical Region: 220-240V 50/60Hz
 We reserve the right to make technical and design changes.
 Edition: 19.10.2020
 Current version under
www.erco.com/86661.000

Planning data

86661.000 LED 38W 3720lm 3000K warm white
 Connected load P: 39 W
 Connected load per 100lx P*: 1.3 W/m²
 Number of luminaires per 100lx n*: 3.4 1/100m²

86661.000 LED 38W 3720lm 3000K warm white
 Number of luminaires per 100m² for

100lx	200lx	300lx	500lx
4	7	11	17

86661.000 LED 38W 3720lm 3000K warm white
 Module (m) 1.2x1.8 1.8x1.8 1.8x2.4 2.4x2.4
 Illuminance E_n (lx) for module (m) 1381 921 691 518

Correction table

	0.70	0.70	0.70	0.50	0
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	61	65	59	54
k	1.0	98	77	79	73	67
k	1.5	107	90	90	83	78
k	2.5	113	100	97	90	84
k	3.0	114	104	100	92	87

Cleaning (a)	1				2				3			
	P	C	N	D	P	C	N	D	P	C	N	D
Ambient conditions												
LMF	0.94	0.88	0.82	0.77	0.91	0.83	0.77	0.71	0.89	0.79	0.73	0.65
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

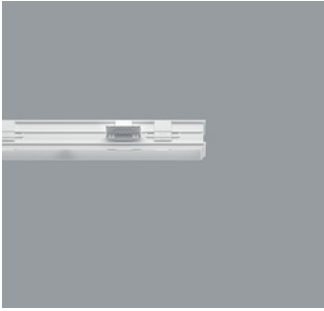
MF LMFxRSMFxLLMFxLSF
 MF Maintenance Factor
 LMF Luminaire Maintenance Factor
 RSMF Room Surface Maintenance Factor
 LLMF Lamp Lumens Maintenance Factor
 LSF Lamp Survival Factor
 P Room pure
 C Room clean
 N Room normal
 D Room dirty

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

**87154.000**

Mounting frame

For flush mounting of luminaires with ceiling aperture 378x50mm.

Polymer, white (RAL9002). Mounting for ceiling thicknesses of 12.5-25mm.

The recess depth of the luminaire increases by 2mm.

