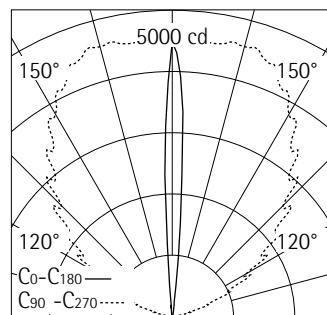


**34170.000** Graphit m  
LED 20W 2100lm 3000K warm white  
Switchable  
Version 8

**Product description**  
Housing: corrosion-resistant aluminium profile, No-Rinse surface treatment. Double powder-coated. Optimised surface for reduced accumulation of dirt. Screw-fastened end plates: corrosion-resistant cast aluminium. Two mounting brackets for positioning as required: corrosion-resistant aluminium. 135° tilt.  
Control gear. Connection cable 3x1mm<sup>2</sup>, L 1.5m.  
LED module: high-power LEDs on metal-core PCB.  
Axially symmetrical reflector lens system: aluminium, silver anodised. Optimised LED screening ensures no direct light emission. Front section with Softec lens: corrosion-resistant aluminium, double powder-coated. Protection mode IP65: dust-proof and water jet-proof.  
Weight 3.20kg  
Maximum wind load area 0.05m<sup>2</sup>



**Technical data**

Luminous flux of the luminaire	1103lm
Connected load	26W
Luminaire efficacy	42lm/W
Colour deviation	2 SDCM
Colour rendition index	CRI ≥90
Lumen maintenance (LM-80/TM-21)	L90/B10 ≤50000h
Lumen maintenance (LED manufacturer specifications)	L90 ≤100000h
LED failure rate	0.1% ≤50000h
Dimming range	--
Dimming method	--
LMF	E
Energy efficiency class	EEL A+
Standby power per control gear	--
Luminaires per circuit breaker B16	24

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Technical Region: 220V-240V/50Hz  
We reserve the right to make technical and design changes.  
Edition: 12.01.2018  
Current version under  
[www.erco.com/34170.000](http://www.erco.com/34170.000)

## 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	0.99	0.97	0.95	0.92	0.98	0.97	0.95	0.92	0.98	0.97	0.95	0.92

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)