



34258.000 Graphit m
LED 24W 2520lm 3000K warm white
Switchable
Version 7
Spherolit lens, wallwash

Product description
Housing: corrosion-resistant cast aluminium, No-Rinse surface treatment. Double powder-coated. Optimised surface for reduced accumulation of dirt. Mounting bracket: corrosion-resistant aluminium, double powder-coated.
Housing: ±90° tilt.
Control gear. Two cable entries with M25 cable glands. Through-wiring possible. 5-pole terminal block.
LED module: high-power LEDs on metal-core PCB. Collimating lens made of optical polymer.
Screw-fastened snoot with safety glass: corrosion-resistant cast aluminium, double powder-coated.
Fitting the mounting bracket to the housing must be done on site.
Protection mode IP65: dust-proof and water jet-proof.
Weight 4.50kg
Housing temperature 47°C
Maximum wind load area 0.063m²

Technical data

Luminous flux of the luminaire	1857lm
Connected load	30W
Luminaire efficacy	62lm/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	15
Temperature on the light aperture	29°C

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Sales network click here
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Technical Region: 220V-240V/50Hz
We reserve the right to make technical and design changes.
Edition: 27.10.2017
Current version under
www.erco.com/34258.000

Planning data

Illuminance E_n (lx)

Specifications:

Number of luminaires $n > 5$

Wall height (m) 4.0

Angle of tilt 35°

Offset from wall (m)	1.50		1.75		2.00	
	1.50		1.75		2.00	
Luminaire spacing (m)	below the luminaire	between the luminaires	below the luminaire	between the luminaires	below the luminaire	between the luminaires
0.500	95	69	63	47	45	34
0.800	212	141	135	90	91	61
1.100	298	210	200	137	139	94
1.400	313	254	231	172	170	121
1.700	287	275	224	194	177	140
2.000	282	270	209	202	167	151
2.300	290	262	207	198	159	155
2.600	276	255	214	193	159	151
2.900	266	245	205	189	164	148
3.200	243	228	200	183	159	145
3.500	214	206	188	175	153	142

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

Accessories



34974.000
 Distribution box, IP68
 With four cable entries, 7-25mm.
 Polymer.
 ø 102mm, L 305mm.
 Weight 0.47kg
CE IP 68 3m



33975.000
 Ground socket
 Metal, hot-dip galvanised.
 Cable entry.
 Weight 1.75kg

