Made in Italy

30/10/2026 Rev. 09/2024

Esem Mini 1.6, code: ME16005MB

Recessed for indoor applications

on request kg 0,045 Ø27 mm IP20



DESCRIPTION

recessed downlight for indoor applications; recessed (ceiling, shelf); Power consumption: 2W; Power supply: 24Vdc; Lumen output at source: 145 lm (3000K); Delivered lumen output: 125 lm (3000K, 27°); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 27°; CRI Colour Rendering Index: 80; Body material: body in aluminium; Finishes: white (RAL 9003); RAL finish on request; Thickness of installation surface: min 5 mm, max 25 mm; power supply unit not included; includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 m; Ingress protection: IP20; Operating temperature: 0°C — +45°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 45 g; Dimensions: Ø31x25 mm; Cutout dimensions: Ø27 mm; Volume of thermal heatsink: Ø90x60 mm; Energy efficiency class: F (light source) in accordance with EU 2019/2015; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

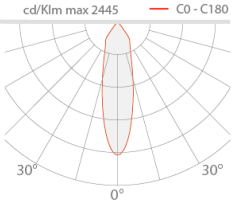
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	2W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	1 power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	27°
Lumen output at source	145 lm (3000K)
Delivered lumen output	125 lm (3000K, 27°)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø31x25 mm
Weight	45 g
Finishes	white RAL 9003
Mounting	with fixing springs
Body material	body in aluminium
Cutout dimensions	Ø27 mm
Volume of thermal heatsink	Ø90x60 mm
GENERAL CHARACTERISTICS	
Ingress protection	IP20
Operating temperature	0°C — +45°C
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Appliance class	class III
Walkover	no
Drive-over	no
Power cables	includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 m
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006

PHOTOMETRIC DATA

M - 27°

H (m)	∅ (m)	Lux max (3000K) 2W
0.50	0.24	1222
1.00	0.48	306
1.50	0.72	136
2.00	0.96	76
2.50	1.20	49
3.00	1.44	34



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