












Made in Italy

 Esem Mini 1.0, code: ME1012FSB  
Recessed for indoor applications

21/11/2024 Rev. 33





 on request
 

 kg 0,045
  Ø27 mm
 IP20
 

 III F



## DESCRIPTION

recessed downlight for indoor applications; recessed (ceiling, shelf); Power consumption: max 2W; Power supply: max 500mA; Lumen output at source: 145 lm (3000K, 500mA); Delivered lumen output: 125 lm (3000K, 500mA, 27°); 1 power LED, 1/4 ANSI BIN, 50 000h L90 B10 (Ta 25°C); LED colour: 2700K; Optics: 14°; 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; Wiring: series; includes 2x0.50 m single-core cables; Control system: dimming via dimmable driver; Ingress protection: IP20; Casambi control using the Casambi app with dedicated electronics; 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	max 2W
Power supply	max 500mA
Power supply unit	power supply unit not included
Control system	dimming via dimmable driver
Wiring	series

### LIGHTING CHARACTERISTICS

Number and type of LED	1 power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	2700K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	14°
Lumen output at source	145 lm (3000K, 500mA)
Delivered lumen output	125 lm (3000K, 500mA, 27°)

### MECHANICAL CHARACTERISTICS

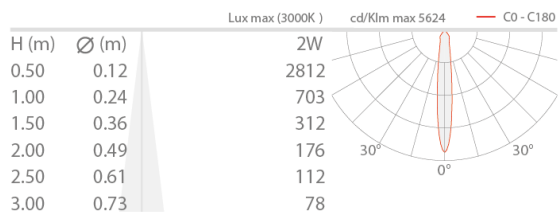
Dimensions	Ø31x25 mm
Weight	45 g
Finishes	white RAL 9003
Mounting	with fixing springs
Body material	body in aluminium
Cutout dimensions	Ø27 mm
Volume of thermal heatsink	Ø90x60 mm

### 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 2x0.50 m single-core cables
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006
Notes	Casambi control using the Casambi app with dedicated electronics

PHOTOMETRIC DATA

S - 14°



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