

Made in Italy

 Esem 4.2, code: ES42005MBR
Recessed for indoor applications

25/03/2026 Rev. 07/2024






 kg 0,50
  Ø80 mm
  IP40
  PUSH
  0/1-10V
 




DESCRIPTION

recessed downlight for indoor applications; recessed (ceiling); Power consumption: 14W; Power supply: 230Vac; Lumen output at source: 1219 lm (3000K); Delivered lumen output: 940 lm (3000K, 24°); 1 multichip power LED, 2-step MacAdam, 50 000h L85 B10 (Ta 25°C); LED colour: 3000K; Optics: 24° tiltable ±20°; CRI Colour Rendering Index: 80; Body material: body and trim in aluminium; Finishes: white (RAL 9003); RAL finish on request; Thickness of installation surface: min 5 mm, max 25 mm; power supply unit included; includes 0.30 m cable; Control system: 0/1-10V, PUSH; Ingress protection: IP40; Operating temperature: 0°C — +45°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class II; Weight: 500 g; Dimensions: Ø89x95 mm; Cutout dimensions: Ø80 mm; Volume of thermal heatsink: Ø200x200 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	14W
Power supply	230Vac
Power supply unit	power supply unit included
Control system	0/1-10V, PUSH

LIGHTING CHARACTERISTICS

Number and type of LED	1 multichip power LED
Average LED life	50 000h L85 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	24° tiltable ±20°
Lumen output at source	1219 lm (3000K)
Delivered lumen output	940 lm (3000K, 24°)

MECHANICAL CHARACTERISTICS

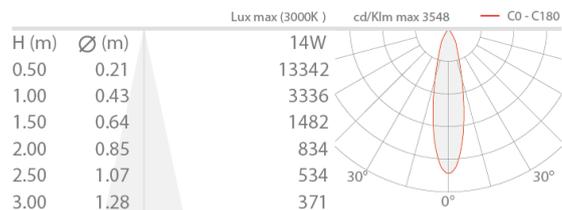
Dimensions	Ø89x95 mm
Weight	500 g
Finishes	white RAL 9003
Mounting	with fixing springs
Body material	body and trim in aluminium
Cutout dimensions	Ø80 mm
Volume of thermal heatsink	Ø200x200 mm

GENERAL CHARACTERISTICS

Ingress protection	IP40
Operating temperature	0°C — +45°C
Energy efficiency class	F (light source) in accordance with EU 2019/2015
Appliance class	class II
Walkover	no
Drive-over	no
Power cables	includes 0.30 m cable
Photobiological safety	photobiological safety: risk group 1 according to EN 62471:2006

PHOTOMETRIC DATA

M - 24°



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