Made in Italy

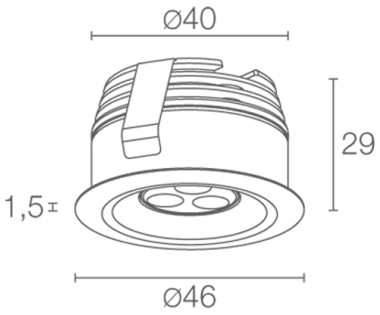
14/11/2026 Rev. 08/2024

Esem Mid 1.6, code: EM16005MB

Recessed for indoor applications

kg 0,09 Ø41 mm IP40 F





DESCRIPTION

recessed downlight for indoor applications; recessed (ceiling, wall, shelf); Power consumption: 3W; Power supply: 24Vdc; Lumen output at source: 309 lm (3000K); Delivered lumen output: 220 lm (3000K, 22°); 3 power LEDs, 1/4 ANSI BIN, 50 000h L95 B10 (Ta 25°C); LED colour: 3000K; Optics: 22°; 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 not included; includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 m; Ingress protection: IP40; IP44 version available on request; Operating temperature: 0°C — +45°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class III; Weight: 90 g; Dimensions: Ø46x29 mm; Cutout dimensions: Ø41 mm; Volume of thermal heatsink: Ø90x80 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

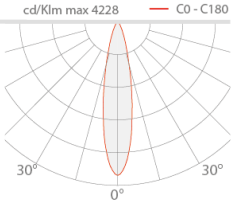
Status: Available

ELECTRICAL CHARACTERISTICS	
Power consumption	3W
Power supply	24Vdc
Power supply unit	power supply unit not included
LIGHTING CHARACTERISTICS	
Number and type of LED	3 power LEDs
Average LED life	50 000h L95 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	1/4 ANSI BIN
Optics	22°
Lumen output at source	309 lm (3000K)
Delivered lumen output	220 lm (3000K, 22°)
MECHANICAL CHARACTERISTICS	
Dimensions	Ø46x29 mm
Weight	90 g
Finishes	white RAL 9003
Mounting	with fixing springs
Body material	body and trim in aluminium
Cutout dimensions	Ø41 mm
Volume of thermal heatsink	Ø90x80 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 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
Notes	IP44 version available on request

PHOTOMETRIC DATA

M - 22°

H (m)	∅ (m)	Lux max (3000K) 3W
0.50	0.19	3720
1.00	0.38	930
1.50	0.57	413
2.00	0.76	233
2.50	0.95	149
3.00	1.14	103



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