


Made in Italy

 Esem 3.1, code: ES31005SB  
Recessed for indoor applications

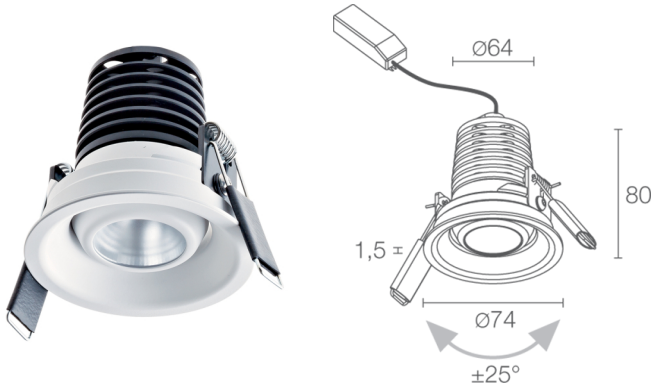
18/07/2024 Rev. 28







 kg 0,30
  Ø65 mm
 

## DESCRIPTION

recessed downlight for indoor applications; recessed (ceiling); Power consumption: 8W; Power supply: 230Vac; Lumen output at source: 512 lm (3000K); Delivered lumen output: 425 lm (3000K, 30°); 1 multichip power LED, 2-step MacAdam, 50 000h L90 B10 (Ta 25°C); LED colour: 3000K; Optics: 20° tiltable  $\pm 25^\circ$ ; 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: ON/OFF; Ingress protection: IP40; Casambi-compatible version, controllable with the Casambi app, available on request; Operating temperature: 0°C – +45°C; Photobiological safety: photobiological safety: risk group 1 according to EN 62471:2006; Appliance class: class II; Weight: 300 g; Dimensions: Ø74x80 mm; Cutout dimensions: Ø65 mm; Volume of thermal heatsink: Ø180x150 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	8W
Power supply	230Vac
Power supply unit	power supply unit included
Control system	ON/OFF

### LIGHTING CHARACTERISTICS

Number and type of LED	1 multichip power LED
Average LED life	50 000h L90 B10 (Ta 25°C)
LED colour	3000K
CRI Colour Rendering Index	80
Binning	2-step MacAdam
Optics	20° tiltable ±25°
Lumen output at source	512 lm (3000K)
Delivered lumen output	425 lm (3000K, 30°)

### MECHANICAL CHARACTERISTICS

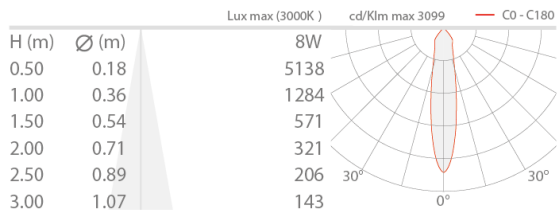
Dimensions	Ø74x80 mm
Weight	300 g
Finishes	white RAL 9003
Mounting	with fixing springs
Body material	body and trim in aluminium
Cutout dimensions	Ø65 mm
Volume of thermal heatsink	Ø180x150 mm

### 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
Notes	Casambi-compatible version, controllable with the Casambi app, available on request

PHOTOMETRIC DATA

S - 20°



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