














Made in Italy

 **Esem Mini 1.6, code: ME16005MB**  
Recessed for indoor applications

19/06/2026 Rev. 09/2024





 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 mm; 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 | 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

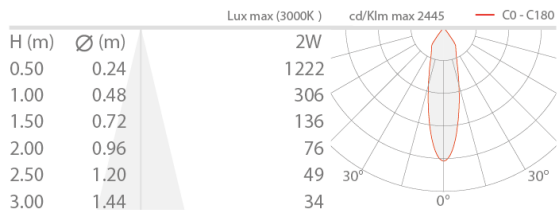
|                            |                     |
|----------------------------|---------------------|
| Dimensions                 | Ø31x25 mm           |
| Weight                     | 45 g                |
| Finishes                   | white RAL 9003      |
| Mounting                   | with 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  |
| Notes                   | Casambi control using the Casambi app with dedicated electronics |

PHOTOMETRIC DATA

M - 27°



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