

# ESEM MINI 1.6

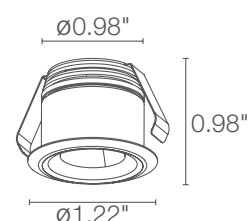
The Esem Mini 1.6 recessed 2W LED downlight is perfect for general and accent lighting. Featuring a discreet, elegant design, perfect for applications in the residential, commercial or hospitality spheres.

## TECHNICAL DATA

|                    |                                                                     |
|--------------------|---------------------------------------------------------------------|
| Wattage / Input    | 2W (24VDC)                                                          |
| Power Supply       | Remote, not included. See page 2.                                   |
| Construction       | Body/Trim: Anodized aluminum EN AW 6082<br>Cable Length: 1.64'      |
| CCT                | 2700K, 3000K, 4000K, 5000K                                          |
| CRI                | CRI>80                                                              |
| Delivered Lumens   | 125 lm (3000K, 27°)                                                 |
| Efficacy           | 62.5 lm/W                                                           |
| Optics             | 14°, 27°                                                            |
| Finishes           | 3 Standard, Custom RAL (see below)<br>(4 Stage Marine Grade Finish) |
| Cut-Out Dimensions | Ø1.06"                                                              |
| Fixture Dimensions | Ø1.22" x 0.98" h                                                    |
| Fixture Weight     | 0.10 lbs                                                            |
| LED Source         | 1 Power LED                                                         |
| Lumen Maintenance  | L90,B10 >50,000hrs (Ta 25°C)                                        |
| Color Consistency  | 1/4 ANSI BIN                                                        |
| Operating Temp.    | 32°F to 113°F                                                       |
| IP Rating          | IP20                                                                |
| Impact Rating      | —                                                                   |



Ceiling Cut-Out: Ø1.06"  
Fixture Dimensions



## ORDERING INFORMATION

Example: ME1600FSB. Power Supplies ordered separately.

| ME1600    |                                                  |                    |                                                                                                |
|-----------|--------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------|
| Model No. | CCT                                              | Optics             | Finish                                                                                         |
| ME1600    | F - 2700K<br>5 - 3000K<br>9 - 4000K<br>0 - 5000K | S - 14°<br>M - 27° | B - White<br>N - Black<br>A - Anodized Aluminum<br>C - Custom RAL<br>(consult factory for "C") |

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

24VDC

| Part Number               | Description                                             | Input/Output                       | # of Fixtures |
|---------------------------|---------------------------------------------------------|------------------------------------|---------------|
| <a href="#">PPLT00128</a> | Non-Dim                                                 | 120VAC to 24VDC, 6W, Class 2, IP65 | 1-2           |
| <a href="#">PPLT00158</a> | Non-Dim                                                 | 120VAC to 24VDC, 100W, Class 2     | 1-40          |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2 | 5-40          |

## Suggested Lutron Compatible

| Part Number               | Option       | Lutron SKU | Dim Range | Description                                   | Input/Output                      | # of Fixtures |
|---------------------------|--------------|------------|-----------|-----------------------------------------------|-----------------------------------|---------------|
| <a href="#">PPLT00530</a> | L3DAE / L3D0 | L3DA/L3D0  | 100%-1%   | Hi-Lume™ 0.1% EcoSystem™ or 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 1-38          |

## DRIVERS IN NEMA ENCLOSURE

Remote 24VDC - ELV / TRIAC / 0-10V



PPLT00715

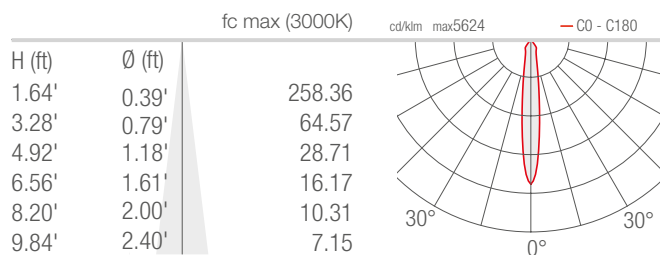
| Part Number               | Description                 | Input/Output                                | # of Fixtures |
|---------------------------|-----------------------------|---------------------------------------------|---------------|
| <a href="#">PPLT00715</a> | ELV / TRIAC / 0-10V Dimming | 120-277VAC to 24VDC, 96W, Class 2, WET/DAMP | 1-38          |

For other power supply options consult factory.

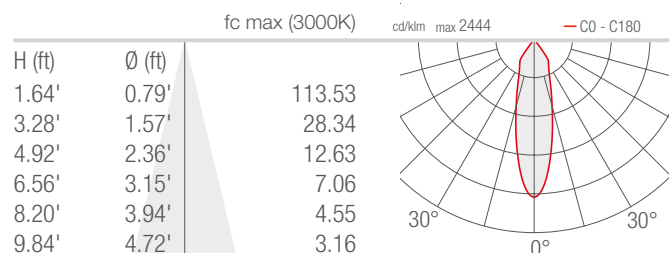
## PHOTOMETRIC DATA

Note all Photometry is 3000K

**S - 14°**



**M - 27°**



Job Name/Date:

Fixture Type Designation: