

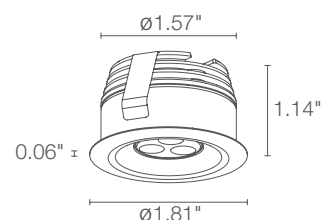
The Esem Mid 1.6 recessed 3W LED downlight, perfect for general and effect lighting. Featuring a discreet, elegant design, perfect for applications in the residential, commercial or hospitality spheres.



## TECHNICAL DATA

|                           |                                                                     |
|---------------------------|---------------------------------------------------------------------|
| <b>Wattage / Input</b>    | 3W (24VDC)                                                          |
| <b>Power Supply</b>       | Remote, not included. See page 2.                                   |
| <b>Construction</b>       | Body/Trim: Anodized aluminum EN AW 6026<br>Cable Length: 4.92'      |
| <b>CCT</b>                | 2700K, 3000K, 4000K, 5000K                                          |
| <b>CRI</b>                | CRI>80                                                              |
| <b>Delivered Lumens</b>   | 220 lm (3000K, 22°)                                                 |
| <b>Efficacy</b>           | 73.3 lm/W                                                           |
| <b>Optics</b>             | 4 Standard (see below)                                              |
| <b>Finishes</b>           | 3 Standard, Custom RAL (see below)<br>(4 Stage Marine Grade Finish) |
| <b>Cut-Out Dimensions</b> | Ø1.61"                                                              |
| <b>Fixture Dimensions</b> | Ø1.81" x 1.14" h                                                    |
| <b>Fixture Weight</b>     | 0.11 lbs                                                            |
| <b>LED Source</b>         | 3 Power LED                                                         |
| <b>Lumen Maintenance</b>  | L95,B10>50,000hrs (Ta 25°C)                                         |
| <b>Color Consistency</b>  | 1/4 ANSI BIN                                                        |
| <b>Operating Temp.</b>    | 32°F to 113°F                                                       |
| <b>IP Rating</b>          | IP40, IP44 on request (consult factory)                             |
| <b>Impact Rating</b>      | —                                                                   |

Ceiling Cut-Out: Ø1.61"  
Fixture Dimensions



## ORDERING INFORMATION

Example: EM1600FSB. Power Supplies / Accessories ordered separately.

| EM1600    |                                                  |                                                |                                                                                                |
|-----------|--------------------------------------------------|------------------------------------------------|------------------------------------------------------------------------------------------------|
| Model No. | CCT                                              | Optics                                         | Finish                                                                                         |
| EM1600    | F - 2700K<br>5 - 3000K<br>9 - 4000K<br>0 - 5000K | S - 11°<br>M - 22°<br>L - 30°<br>W - 20° x 45° | 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="#">PPLT00158</a> | Non-Dim                                                 | 120VAC to 24VDC, 100W, Class 2     | 1-26          |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2 | 1-26          |

## 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 | 1-25          |

## DRIVERS IN NEMA ENCLOSURE

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

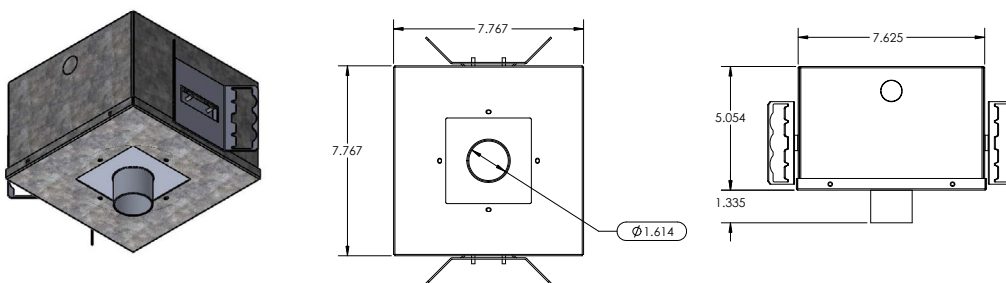


PPLT00715

| Part Number               | Description                         | Input/Output                                | # of Fixtures |
|---------------------------|-------------------------------------|---------------------------------------------|---------------|
| <a href="#">PPLT00715</a> | ELV / TRIAC / 0-10V Dimming to 0.1% | 120-277VAC to 24VDC, 96W, Class 2, WET/DAMP | 1-25          |

For other power supply options consult factory.

## ACCESSORIES - Installation



**AH-00012-IC** (IC Rated)

**AH-00012-CP** (Chicago Plenum Rated)

Housing for recessed installation in ceilings.

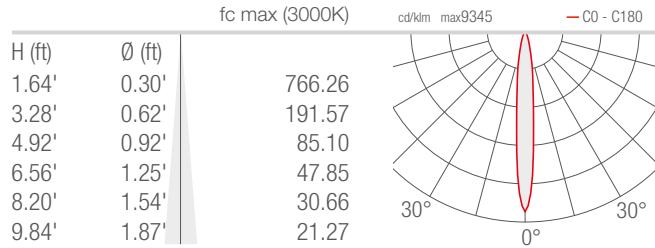
Job Name/Date:

Fixture Type Designation:

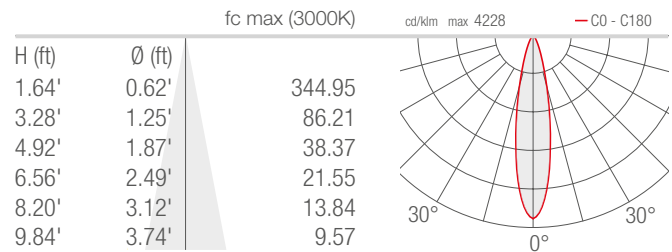
## PHOTOMETRIC DATA

Note all Photometry is 3000K

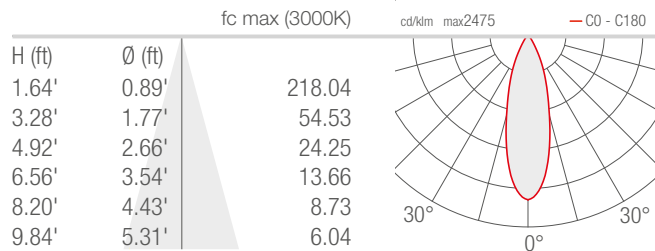
### S - 11°



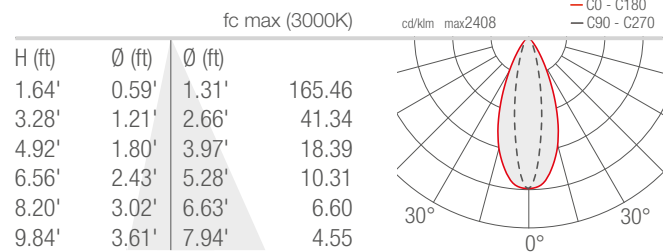
### M - 22°



### L - 30°



### W - 20°x45°



Job Name/Date:

Fixture Type Designation: