

# LED MR16 with Quick Connect Lamps



## Features

- Fits MR16 trims
- Recommended for residential use only
- Energy efficient LED MR16 lamp with simple quick connect
- Easily use any MR16 Trim with LED or medium base housings
- 25° beam spread for PSA37

## Specifications

|                    |          |
|--------------------|----------|
| <b>Wattage</b>     | 7W       |
| <b>Lumens</b>      | 500 lm   |
| <b>Voltage</b>     | 120V     |
| <b>Color Temp.</b> | 2700K    |
| <b>Dimmable</b>    | Dimmable |
| <b>CRI</b>         | 90       |

## Options



PSA34



PSA37

## Technical Details

**Optics:** Frosted polycarbonate module lens diffuses light evenly throughout while reducing glare with LED technology.

**Construction:** Integrated driver and light engine with quick connect.

**Installation:** For use with MR16 style trims. Can be used in LED quick connect housings or traditional E26 base housings. For residential use only.

**Electrical:** Module connects to 120 power supply. High efficiency driver with a power factor >0.9. Start time of less than 0.75 seconds.

**LED Technology:** Color Rendering Index of 90+. Lumen Maintenance of 35,000 hours Instant On to Full Brightness technology. No LED pixelation.

**Dimmability:** Works with 120V Triac and ELV type dimmers. Dims down to 10%. For full list of dimmers, refer to the Dimmer Compatibility List.

**Listings:** UL Listed for Damp Locations. UL Listed for Wet Location with Wet location trims. RoHS Compliant. Meets Energy Star & California Title 24 JA8-2019 standards.

**Warranty:** This item is covered under our 1-year Limited Warranty.

## Product Number

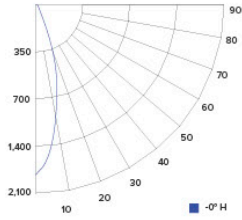
| Item     | Lumens | CCT   | Watts | Voltage | Dimming  |
|----------|--------|-------|-------|---------|----------|
| PSA37-27 | 500 lm | 2700K | 7W    | 120V    | Dimmable |

# Photometric Report

## LED MR16 with Quick Connect Lamps

### PHOTOMETRIC REPORT

Product #: PSA37  
 Wattage / Lumens: 7W / 623 lm  
 Luminaire LPW: 89 lm/W



### CANDLE POWER SUMMARY

| Degree Vertical | 0°   |
|-----------------|------|
| 0               | 1977 |
| 5               | 1581 |
| 15              | 544  |
| 25              | 157  |
| 35              | 67   |
| 45              | 33   |
| 55              | 19   |
| 65              | 13   |
| 75              | 6    |
| 85              | 1    |
| 90              | 0    |

### ILLUMINANCE AT A DISTANCE

| Distance to Target Plane | Center Beam Footcandles | Beam Diameter |
|--------------------------|-------------------------|---------------|
| 4'                       | 124                     | 1.7'          |
| 6'                       | 54.9                    | 2.6'          |
| 8'                       | 30.9                    | 3.4'          |
| 10'                      | 19.8                    | 4.3'          |

### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Luminaire |
|-------|--------|------------|
| 0-30° | 445.6  | 77.6       |
| 0-40° | 498.0  | 86.7       |
| 0-60° | 549.0  | 95.6       |
| 0-90° | 574.2  | 100        |



# Dimmer Compatibility Chart

## PSA34 & PSA37

### ELCO Lighting

#### For Reference Only

Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards. Consult the dimmer manufacturer prior to installation to ensure compatibility.

| Manufacturer | Product   | Part Number | Dimmed Light Output Range |
|--------------|---|-------------|---------------------------|
| Lutron       | Diva® C•L Single Pole/3-Way Dimmer                                | DVCL-153P   | 7% - 100%                 |
|              | Diva® Single Pole Electronic Low Voltage Dimmer                   | DVELV-600   | 8% - 100%                 |
|              | Diva® Single Pole Magnetic Low Voltage Dimmer                     | DVLV-600    | 8% - 100%                 |
|              | Maestro® Single Pole/Multi-Location Incandescent/Halogen Dimmer   | MA-600      | 10% - 100%                |
|              | Maestro® Single Pole/Multi-Location Electronic Low Voltage Dimmer | MAELV-600   | 8% - 100%                 |
|              | Maestro® Single Pole/Multi-Location Magnetic Low Voltage Dimmer   | MALV-600    | 8% - 100%                 |

\*NOTE: Refer to dimmer manufacturer’s documentation for installation instructions and circuit details

Disclaimer: Minimum and maximum loads for LEDs and CFLs are given in number of lamps and may vary depending on the lamp being used. Testing conducted by ELCO Lighting is not a substitute for and does not imply certification by an independent laboratory or any other standards certification. Refer to manufacturer specifications for more detailed information on product certifications and standards.