

|            |  |
|------------|--|
| Project:   |  |
| Type:      |  |
| Catalog #: |  |



The MAGNOLIA Reveal Architectural Open Small Round Post Top is available in Type III or V distributions with two lens options designed to replace HID lighting systems up to 250w MH or HPS. The fixture mounts to a pole top tenon. Typical area lighting applications include parking areas, walkways, and street lighting applications. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

### SPECIFICATIONS AND FEATURES

**HOUSING:** Die Cast Aluminum Housing, Integral Heat Sinking, Photocell Adaptable.

**LISTING AND RATINGS:** CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

**FINISH:** Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

**LENS:** Clear UV-Stabilized Polycarbonate or LumaLens Opal UV-Stabilized Polycarbonate Vandal-Resistant Array Lens to Seal LED Array

**MOUNTING OPTIONS:** Accommodates "P3" 2 1/8" O.D. x 3" Tenons

**LED:** Aluminum Boards

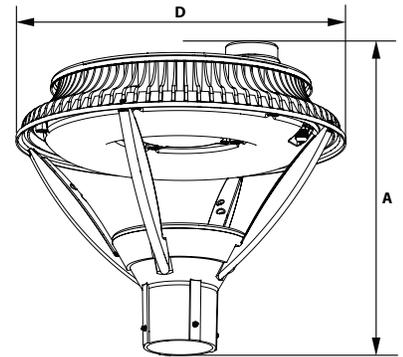
**WATTAGE:** 37w Array: 37w, System: 39w; (70-150w HID Equivalent)

65w Array: 65.1w, System: 68w; (150-250w HID Equivalent)

84w Array: 84w, System: 86w; (150-250w HID Equivalent)

**DRIVER:** Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

**CONTROLS:** Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.



### DIMENSIONS

|              |                 |
|--------------|-----------------|
| Diameter (D) | 16 1/8" (411mm) |
| Height (A)   | 14 7/8" (378mm) |

### CERTIFICATION AND LISTINGS



SoftLED

### WARRANTY:

5-Year Warranty for -40°C to +50°C Environment.  
See Page 2 for Projected Lumen Maintenance Table.

| Model                                  | Optics                 | Wattage                    | Driver                     | CCT   | Lens   | Color   | Options   |
|--|------------------------|----------------------------|----------------------------|---|--|---|---|
| MAG = Reveal Open Small Round Post Top | C=Type III<br>F=Type V | 37=37w<br>65=65w<br>84=84w | LV=120-277V<br>HV=347-480V | 3K=3000K*<br>4K=4000K<br>5K=5000K<br><br>*84w Type V & 65w Type III Only. | C=Clear UV-Stabilized Polycarbonate Array Lens<br>L=SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens | Z=Bronze<br>B=Black<br>C=Custom (Consult Factory) | SF=Single Fuse (120-277V Only)<br>DF=Double Fuse (120-277V Only)<br>SP=Surge Protection<br>R3=3-Pin Twist Lock Photocell Receptacle R5=5-Pin Twist Lock Photocell Receptacle R7=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle<br>S2=Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. (120-277V Only)<br>S4=Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', (120-277V Only) |

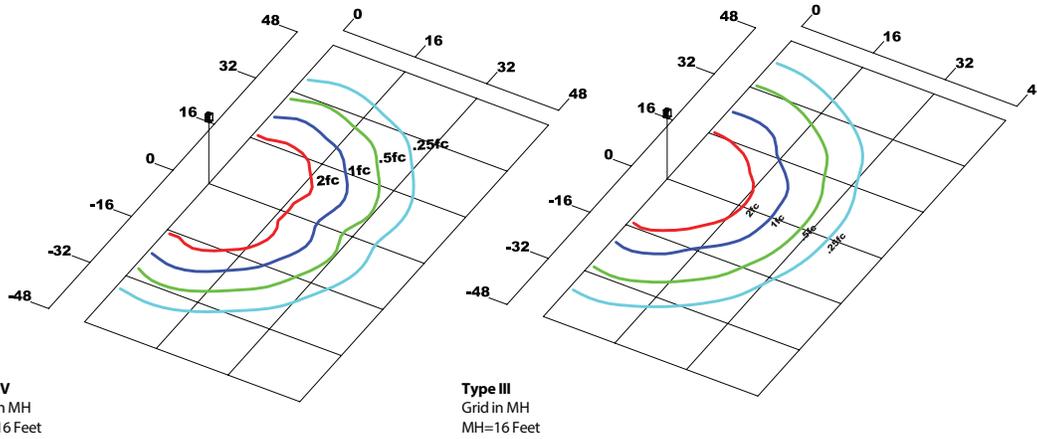
## ACCESSORIES AND REPLACEMENT PARTS



| ACCESSORIES<br>(Order Separately, Field Installed) |  |
|--|--|
| 18131  | Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum. |
| 18132  | Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.                                  |
| 18140  | 110-120VAC Instant Twist Lock Photocell  |
| 18150  | 120VAC Time Delay Twist Lock Photocell   |
| 18152  | 277VAC Time Delay Twist Lock Photocell   |
| 18156  | 120-277VAC Universal Twist Lock Photocell  |
| 18157  | 480VAC Time Delay Twist Lock Photocell. For 480V use only.   |

| REPLACEMENT PARTS<br>(Order Separately, Field Installed) |  |
|--|--|
| MAG-5  | SoftLED LumaLens Opal UV-Stabilized Polycarbonate Array Lens   |
| 17117  | Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz             |
| 17123  | Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz |

## PHOTOMETRIC DATA



## EPA (Effective Projected Area)

| EPA (Sq. Ft.) | Weight (Lbs.) |
|---------------|---------------|
| 0.48          | 14 Lbs        |

## PHOTOMETRIC PERFORMANCE

| LED Board Watts | Drive Current (mA) | Input Watts | Optics         | 5000 CCT 80 CRI |       |    |   |   | 4000 CCT 80 CRI |       |    |   |   | 3000 CCT 80 CRI |       |    |   |   |   |
|-----------------|--------------------|-------------|----------------|-----------------|-------|----|---|---|-----------------|-------|----|---|---|-----------------|-------|----|---|---|---|
|                 |                    |             |                | Lumens          | LPW   | B  | U | G | Lumens          | LPW   | B  | U | G | Lumens          | LPW   | B  | U | G |   |
| 37w             | 525                | 39          | Type III Clear | 2,832           | 73    | 1  | 0 | 1 | 2,726           | 70    | 1  | 0 | 1 | -               | -     | -  | - | - |   |
| 65w             |                    | 68          | Type III Clear | 4,975           | 73    | 2  | 0 | 2 | 4,788           | 70    | 1  | 0 | 1 | 4,601           | 68    | 1  | 0 | 1 |   |
| 84w             |                    | 86          |                | Type III Clear  | 6,199 | 72 | 2 | 0 | 2               | 5,967 | 69 | 2 | 0 | 2               | -     | -  | - | - | - |
|                 |                    |             |                | Type III Opal   | 7,180 | 84 | 2 | 2 | 1               | 7,004 | 81 | 2 | 2 | 1               | -     | -  | - | - | - |
|                 |                    |             |                | Type V Clear    | 8,398 | 97 | 3 | 2 | 1               | 8,192 | 95 | 3 | 2 | 1               | 7,831 | 91 | 2 | 2 | 1 |
|                 |                    |             |                | Type V Opal     | 7,180 | 83 | 2 | 2 | 1               | 7,004 | 81 | 2 | 2 | 1               | 6,695 | 78 | 2 | 2 | 1 |

## PROJECTED LUMEN MAINTENANCE

| Data shown for 5000 CCT<br>TM-21-11   |                                      |            | Compare to MH |             |                     |  |
|---------------------------------------|--------------------------------------|------------|---------------|-------------|---------------------|--|
| Input Watts                           | Initial                              | 25,000 Hrs | 50,000 Hrs    | 100,000 Hrs | Calculated LED Life |  |
| L70 Lumen Maintenance at 25°C / 77°F  | All wattages up to and including 86w | 1.00       | 0.98          | 0.97        | 473,000             |  |
| L70 Lumen Maintenance at 50°C / 122°F |                                      | 1.00       | 0.97          | 0.95        | 290,000             |  |
| L80 Lumen Maintenance at 40°C / 104°F |                                      | 1.00       | 0.98          | 0.95        | 220,000             |  |

NOTES:  
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.  
 2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.