

# LED 5" Traffic Signal Module

## PV Series Programmable Visibility Retrofit

### Leading the LED Industry Since 1992

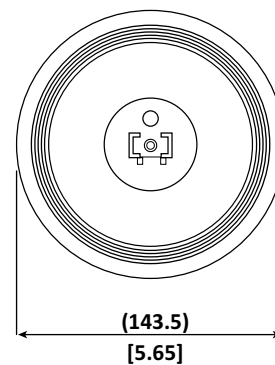
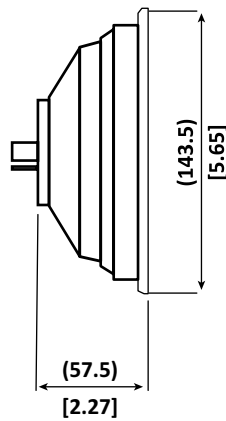
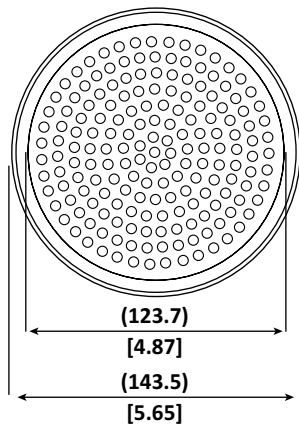
With over 7,000,000 units installed globally

### Superior Performance and Reliability

- Simple and fast installation with "plug-in" retrofit
- No modification required
- Significant energy and maintenance savings
- Exceptional color uniformity and readability
- Maintains 70% of the initial lumen intensity after 100,000 hours of operation
- Excellent moisture and dust resistance through complete O-ring sealing
- Environmentally friendly
- Robust hard-coated and UV-stabilized polycarbonate lens for increased longevity against the elements
- Built-in Constant Current Source (CCS) provides uniform light output from the first to the last modules
- 5-Year Limited Warranty



### Mechanical Dimensions [in(mm)]



### Model Specifications and Ordering Options

|                        |                                |                                  |         |
|------------------------|--------------------------------|----------------------------------|---------|
| Operating Temperature: | -40°F to 165°F (-40°C to 74°C) | Turn-On/Turn-Off Time:           | <75msec |
| Operating Voltage:     | 80 - 135Vac                    | Turn-Off Voltage:                | >35Vac  |
| Power Factor:          | >0.90                          | Total Harmonic Distortion (THD): | <20%    |

| Model Number and Color |   | Wattage Drawn | Voltage   | Dominant Wavelength | Standard |
|------------------------|---|---------------|-----------|---------------------|----------|
| <b>5 inch</b>          |   |               |           |                     |          |
| T05W-A-6100            | ○ | 7             | 80-135Vac | N/A                 | N/A      |
| T05R-A-6100            | ● | 7             | 80-135Vac | 626                 | Caltrans |
| T05Y-A-6100            | ● | 12            | 80-135Vac | 589                 | Caltrans |
| T05G-A-CA01            | ● | 7             | 80-135Vac | 500                 | Caltrans |

Notes:  
Available with clear lens only.

### Standard Conformance

- FCC Compliant for Electrical Noise
- MIL-STD-810F Moisture Resistant
- MIL-STD-883 Mechanical Vibration
- NEMA TS2 Transient Voltage Protection over 2000V



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