

Ocean State Signal Co.

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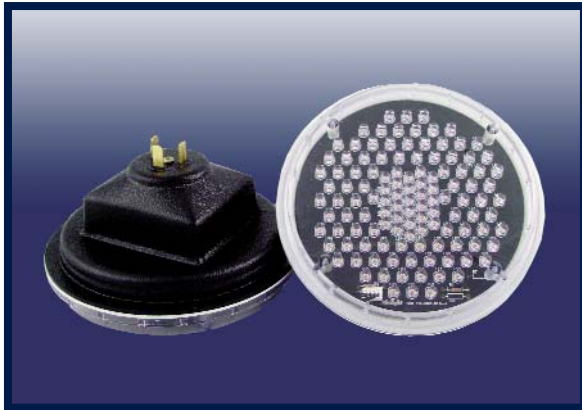
SPECIFICATION SHEET

TITLE: LED TRAFFIC SIGNAL MODULES
FOR PROGRAMMABLE SIGNALS

PART NO.:
SEE BELOW

LED Lamp Modules for Programmable Visibility (PV) Signals

P46 Series



FEATURES / BENEFITS

- ▲ Direct retrofit replacement for incandescent lamps used in Programmable Visibility (PV) signals
- ▲ Compatible with McCain and 3M signal heads
- ▲ CalTrans qualified
- ▲ 90% reduction in power vs. incandescent
- ▲ Long life; up to 10 times longer than incandescent
- ▲ Failure of single LED results in loss of light from that LED only
- ▲ Moisture and dust resistant

SPECIFICATIONS

- ▲ Operating Voltage Range: 80VAC to 135VAC (120VAC nominal)
- ▲ Fuse and transient suppressor incorporated for line and load protection
- ▲ Operating Temperature Range: -40°C to +74°C
- ▲ Turn-On/Turn-Off Time = 75 msec max
- ▲ Power factor greater > 0.9
- ▲ Total harmonic distortion < 20%
- ▲ Meets FCC Title 47, Subpart B, Section 15 Regulations for electrical noise
- ▲ Conforms to MIL-STD-810F for blowing rain
- ▲ Written warranty available on request
- ▲ All products traceable by serial number

P46 Series - 120 Volt Programmable Visibility Modules

Part Number	Color	Dominant Wavelength (nm)	Typical Wattage @ 25°C	Minimum Luminous Intensity* (Cd)
P46-3R33-003	Red	622	10	500
P46-3Y33-003	Yellow	590	17	500
P46-3G33-003	Green	505	8	500

*Initial: Measured at peak intensity point

