12 Inch Incandescent Look LED Traffic Signals
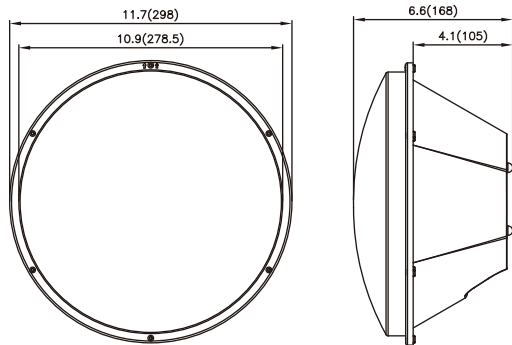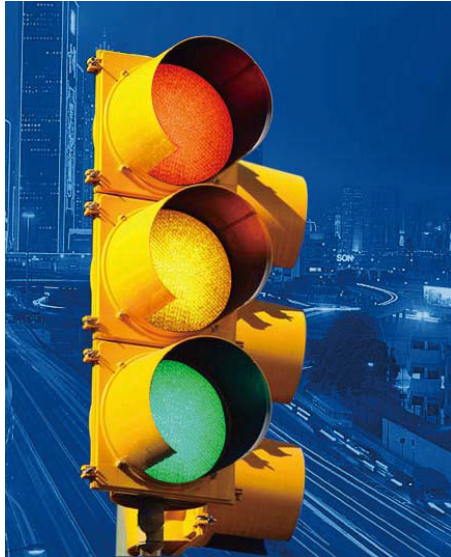

Features / Benefits

- Meets latest ITE 2005 standard
- High-Flux LED Technology with high efficiency
- Uniform non-pixilated illumination with "incandescent look"
- 90% reduction in power consumption vs. incandescent
- Long life; up to 10 times longer than incandescent
- Expanded view light distribution pattern suitable for span wire and fixed wire
- Easy to install with existing signal enclosure

Specifications

- Operation temperature range : - 40 ℃ to +74 ℃
- Operation voltage from 80 to 135 VAC RMS
- Power factor greater than 0.9
- Total Harmonics Distortion < 20%
- Turn on/ Turn off time < 75 msec
- Luminous Intensity and Color conforms with ITE VTCSH-LED
- Circular Signal Supplement
- Conform to MIL-STD-810F for blowing rain
- Conform to MIL-STD-883, Test Method 2007 for mechanical vibration
- Conform to MIL-STD-883, Test Method 1010, for temperature cycling requirements
- Meet FCC Title 47, Subpart B Section 15 Regulations for electrical noise
- UV stabilized scratch resistant shell
- Fuse and transient suppressor incorporated for line and load protection
- " Tested to CSA standard C22.2 No 207-M89 " by ETL

11.7(298)
10.9(278.5)
6.6(168)
4.1(105)

unit : inch (mm)

Tinted Lens Series

Model Number	Color	Dimension	Power Consumption (Watt) (Typ.)	Dominant Wavelength (nm) (Typ.)	Peak Minimum Maintained Luminous Intensity (cd) (min.)	Meet ITE 2005 Spec.
TRV-R12SG-D2T	Red	12" / 300 mm	6.5	623	365	✓
TRV-Y12SG-D1T	Amber	12" / 300 mm	17	590	910	✓
TRV-G12SG-D2T	Green	12" / 300 mm	10	500	475	✓

Clear Lens Series

Model Number	Color	Dimension	Power Consumption (Watt) (Typ.)	Dominant Wavelength (nm) (Typ.)	Peak Minimum Maintained Luminous Intensity (cd) (min.)	Meet ITE 2005 Spec.
TRV-R12SG-D2T-C	Red	12" / 300 mm	6.5	623	365	✓
TRV-Y12SG-D1T-C	Amber	12" / 300 mm	17	590	910	✓
TRV-G12SG-D2T-C	Green	12" / 300 mm	10	500	475	✓