



# 12" ITE compliant XL15 Long Life LED Traffic Signals

# 15 Year Warranty



Patent Pending

**Application:**

Fully compliant to the latest ITE Specifications, Dialight offers a full product line of LED traffic signal modules, arrows and pedestrian signals. Featuring the lowest wattage in the industry, Dialight's LED Traffic Signals are helping municipalities worldwide cut energy costs and reduce maintenance.

**Electrical specifications**

Operating Voltage:	80V AC - 135V AC (120V AC nominal)
Operating Temp Range:	-40°C to +74°C
Turn-on / Turn-off Time:	< 75 msec
Power Factor:	> 0.9
Total Harmonic Distortion:	< 20%
Failed State Impedance:	> 250K ohm within 300ms

**Certifications**

- IEC 1000-4-5, 3KV, 2 ohm source impedance
- ANSI/IEEE C62, 41-2002; IEC 61000-4-12, 6KV, 200A, 100KHz ring wave
- NEMA TS-2 Sec. 2.1.6 and Sec. 2.1.8

**Features & Benefits**

- 15 year full performance warranty
- Enhanced Thermal management
- All modules meet the ITE VTCSH-LED Circular Signal Supplement over the full temperature range of -40°C to +74°C
- Robust LED Technology
- Meets / exceeds ITE uniformity specifications (Better than 10-to-1)
- Expanded view radiation pattern suitable for span wire and steep grade applications
- Transient suppression exceeds ITE and NEMA specifications (Up to 6KV)
- Meets / exceeds ITE moisture intrusion specifications
- Meets / exceeds ITE failed state impedance specifications
- Hard coated lenses for abrasion resistance
- Intertek-ETL certified
- Long life power supply is conformally coated for robust operation

**Ordering Information**

Part Number	Color	Lens Type	Dominant Wavelength (NM)	Typical Wattage at 25°C	Peak Minimum Maintained Luminous intensity (cd)
433-1210-003XL15	Red	Tinted	625	7	365
433-1270-003XL15	Red	Clear	625	7	365
433-3230-901XL15	Yellow	Tinted	590	9	910
433-3270-901XL15	Yellow	Clear	590	9	910
433-2220-001XL15	Green	Tinted	500	7	475
433-2270-001XL15	Green	Clear	500	7	475

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