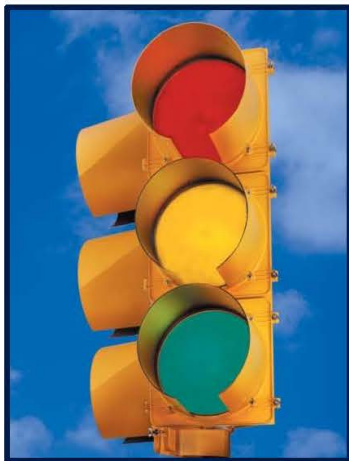




ITE COMPLIANT XL15 Series

Long Life LED Traffic Signals



Patent Pending

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 VTCSE-LED Circular Signal Supplement over the full temperature range of -40°C to +74°C
- Robust Hi-Flux 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 ¹	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
433-3230-901XL15	Yellow	Tinted	590	9	910
433-2220-001XL15	Green	Tinted	500	7	475
433-2270-001XL15	Green	Clear	500	7	475

¹Red and yellow modules also available with clear lens. Insert "7" into the 6th position of the part number to designate clear lens. Ex: 433-2220-001XL15 now becomes 433-2270-001XL15

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialight.com/Assets/Brochures_And_Catalogs/signaling/MDTSLXL15X001.pdf

Warranty Statement: EXCEPT FOR THE WARRANTY EXPRESSLY PROVIDED FOR [HEREIN/ABOVE/BELOW], DIALIGHT DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NON-INFRINGEMENT.

www.dialight.com

MDTSLXL15X001_A

15 Year Warranty

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