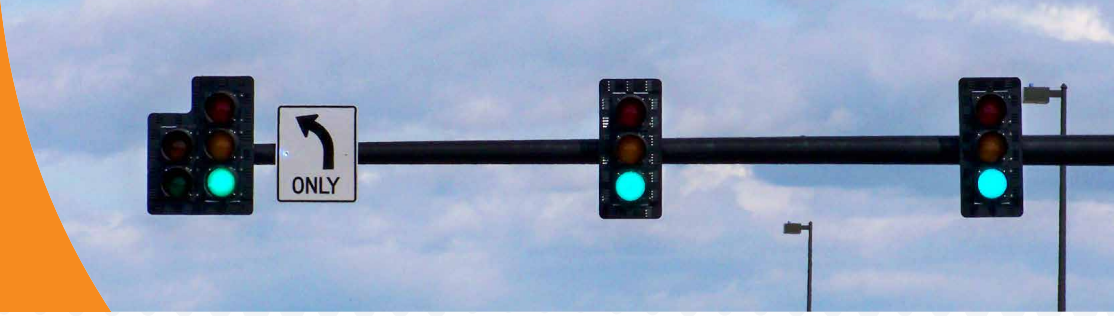




On when  
it counts.



### 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.

### Certifications & Ratings

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

### Ordering Information

Part Number	Color	Lens Type	Dominant Wavelength (NM)	Typical Wattage @ 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	13	910
433-3270-901XL15	Yellow	Clear	590	13	910
433-2220-001XL15	Green	Tinted	500	7	475
433-2270-001XL15	Green	Clear	500	7	475

### Electrical Specifications:

<b>Operating voltage:</b>	80V AC - 135V AC (120V AC nominal)
<b>Operating temperature:</b>	-40°F to +165°F (-40°C to +74°C)
<b>Turn-on / Turn-off Time:</b>	< 75 msec
<b>Power Factor:</b>	> 0.9
<b>Total Harmonic Distortion:</b>	< 20%
<b>Failed State Impedance:</b>	> 250 ohm within 300ms

### Features & Benefits

- 15 year full performance warranty
- Enhanced thermal management
- All modules meet the ITE VTCSH LED Vehicle Arrow Traffic Signal supplement over the full temperature range of -40°C - +74°C
- Robust Hi-Flux LED technology
- Meets / exceeds ITE uniformity specifications (Better than 10-to-1)
- 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 certification
- Long life power supply is conformally coated for robust operation

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/MDTITEXOD15X001.pdf](http://www.dialight.com/Assets/Brochures_And_Catalogs/Signaling/MDTITEXOD15X001.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.