

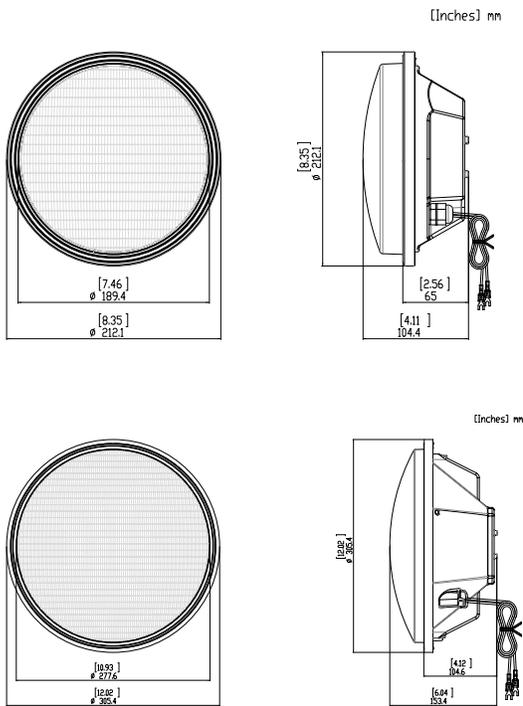
8" and 12" LED Ball Signal Modules 433 Series

FRONTIER
A LEOTEK Brand

ITE-compliant Traffic Signal Module

With over 7,000,000 units installed globally

LEOTEK Frontier LED traffic signal modules are built to deliver reliable, long-lasting performance in all roadway conditions. Fully compliant with the ITE VTCSH LED Circular Supplement adopted on June 27, 2005, they offer high visibility, energy efficiency, and consistent operation across a wide temperature range. Ideal for DOT applications, these modules are engineered for durability, low maintenance, and seamless integration into modern traffic control systems. With proven performance in the field, they provide a dependable solution for enhancing intersection safety and traffic flow.



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Features/Benefits

- Fully compliant to ITE VTCSH-LED Circular Signal Supplement dated 6/27/2005
- Industry's lowest power for all colors
- Meets or exceeds ITE intensity, color and uniformity specifications, including 49°C / 74°C requirements
- Temperature compensated power supplies for longer LED life
- Uniform appearance
- Expanded view radiation pattern suitable for span wire and steep grade applications
- Transient suppression exceeds ITE and NEMA specifications (up to 6 KV ring wave)
- Manufactured with anti-capillary wires
- Conformal coated power supply
- Secondary lens treatment for abrasion resistance
- Intertek / ETL certified and listed on ETL certification program
- All units operate at 80 –135 VAC RMS, 60 ± 3 Hz
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 250.13-17
- UL 1598, 3rd Edition

Part Number		Color	Dominant Wavelength	Typical Wattage at 25°C	Voltage	Peak Minimum Maintained Luminous Intensity (cd)
Tinted Lens	Clear Lens					
8 inch Module						
433-1110-003XL	433-1170-003XL	● Red	625	6.2W	80-135Vac	165
433-3130-901XL	433-3170-901XL	● Yellow	590	6.2W	80-135Vac	410
433-2120-001XL	433-2170-001XL	● Green	500	6.1W	80-135Vac	215
12 inch Module						
433-1210-003XL	433-1270-003XL	● Red	625	6.9W	80-135Vac	365
433-3230-901XL	433-3270-901XL	● Yellow	590	9.7W	80-135Vac	910
433-2220-001XL	433-2270-001XL	● Green	500	6.9W	80-135Vac	475

