

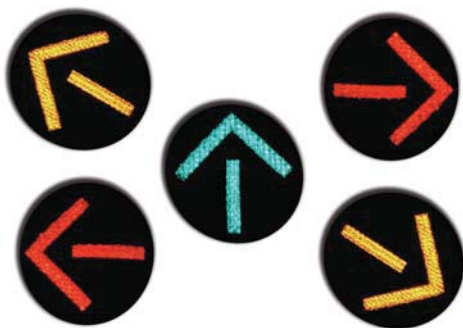
# Uniform Appearance LED Traffic Signal Modules



- ▲ \*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 specification, 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 6kV ring wave)
- ▲ Manufactured with anti-capillary wires
- ▲ Conformal coated power supply
- ▲ Secondary lens treatment for abrasion resistance
- ▲ Patent No. 7,281,818 and other patents pending
- ▲ Intertek/ETL certified and listed on ETL certification program
- ▲ All units operate at 80-135VAC RMS, 60±3Hz

| Part Number      | Color  | Lens Type | Dominant Wavelength (nm) | Typical Wattage at 25°C | Peak Minimum Maintained Luminous Intensity (cd) | *Meets ITE VTCSH LED Circular Signal Supplement | CSA Approved | Size (in) |
|------------------|--------|-----------|--------------------------|-------------------------|---|---|--------------|-----------|
| 433-1110-003XL   | Red    | Tinted    | 625                      | 6                       | 165   | ✓   | ✓            | 8         |
| 433-1170-003XL   | Red    | Clear     | 625                      | 6                       | 165   | ✓   | ✓            | 8         |
| 433-3130-901XL   | Yellow | Tinted    | 590                      | 7                       | 410   | ✓   | ✓            | 8         |
| 433-3170-901XL   | Yellow | Clear     | 590                      | 7                       | 410   | ✓   | ✓            | 8         |
| 433-2120-001XL   | Green  | Tinted    | 500                      | 8                       | 215   | ✓   | ✓            | 8         |
| 433-2170-001XL   | Green  | Clear     | 500                      | 8                       | 215   | ✓   | ✓            | 8         |
| → 433-1210-003XL | Red    | Tinted    | 625                      | 6                       | 365   | ✓   | ✓            | 12        |
| → 433-1270-003XL | Red    | Clear     | 625                      | 6                       | 365   | ✓   | ✓            | 12        |
| → 433-3230-901XL | Yellow | Tinted    | 590                      | 12                      | 910   | ✓   | ✓            | 12        |
| → 433-3270-901XL | Yellow | Clear     | 590                      | 12                      | 910   | ✓   | ✓            | 12        |
| → 433-2220-001XL | Green  | Tinted    | 500                      | 7                       | 475   | ✓   | ✓            | 12        |
| 433-2270-001XL   | Green  | Clear     | 500                      | 7                       | 475   | ✓   | ✓            | 12        |

## OMNI-DIRECTIONAL, UNIFORM APPEARANCE LED ARROWS



- ▲ \*Fully compliant to ITE VTCSH-LED Vehicle Arrow Supplement dated 7/01/2007
- ▲ Allows for mounting in any orientation in the signal head
- ▲ Industry's lowest power for all colors
- ▲ Meets or exceeds ITE intensity, color and uniformity specification, including 49°C / 74°C requirements
- ▲ Temperature compensated power supplies for longer LED life
- ▲ Uniform appearance
- ▲ Transient suppression exceeds ITE and NEMA specifications (Up to 6kV 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 80-135VAC RMS, 60±3Hz

| Part Number     | Color  | Lens Type | Typical Wattage at 25°C | Dominant Wavelength (nm) | Peak Minimum Maintained Luminous Intensity (cd) | *Meets ITE Spec | CSA Approved |
|-----------------|--------|-----------|-------------------------|--------------------------|---|-----------------|--------------|
| 432-1314-001XOD | Red    | Tinted    | 6                       | 628                      | 56.8  | ✓               | ✓            |
| 432-1374-001XOD | Red    | Clear     | 6                       | 628                      | 56.8  | ✓               | ✓            |
| 431-3334-901XOD | Yellow | Tinted    | 6                       | 590                      | 141.6   | ✓               | ✓            |
| 431-3374-901XOD | Yellow | Clear     | 6                       | 590                      | 141.6   | ✓               | ✓            |
| 432-2324-001XOD | Green  | Tinted    | 6                       | 500                      | 73.9  | ✓               | ✓            |
| 432-2374-001XOD | Green  | Clear     | 6                       | 500                      | 73.9  | ✓               | ✓            |