

LED Traffic Signals

Intersection Control

TTI now offers a premier 3-lens signal that is ITE compliant in all three phases. The Chromaticity and Luminous Intensity of the red, yellow and green LEDs meet all requirements set forth by ITE. Offered in both 8 inch (210 mm) and 12 inch (300mm) sizes, the TTI 3-lens signal reduces power consumption 80% to 90%. It also lowers maintenance costs 70 to 80%.

Each complete signal is offered with black, green and yellow polycarbonate housings, clear polycarbonate lenses and a slotted back plate. Each of the three phases is available as a retrofit module that can easily be installed in all standard 8 and 12 inch signal housings.

The TTI 3-lens signal is also offered with red, yellow and green arrows imbedded in any or all of the three phases. This unique combination allows for a signal to be displayed as a standard ball signal during much of the day and then easily switched to a full red, yellow and green arrow signal during rush hour. This provides for simple switching from permitted to protected left turn to increase traffic flow.

For the first time, a 3-lens all-LED signal is available giving traffic engineers the opportunity to have entire intersections with a battery back up system. With each signal using less than 20 watts, a 12 signal intersection can easily be powered with a 1000 watt system.

All TTI signals are fully warranted in compliance with ITE. TTI offers a warranty for 60 months for LED signal failure due to workmanship or material defects and 36 months for less than minimum intensity values.

