

LED TRAFFIC SIGNALS Ball and Arrow Signal Modules

PRODUCT

FEATURES



90% Less Power Consumption



Precision Optic Lens



High Brightness High Contrast



Longer Lifetime



Virtually Maintenance Free



ITE Conformance Design*
CA & Other DOT's
Pre-Qualified



Weatherproof



The LED alternative for traffic control systems is the wave of the future due to its high reliability and extremely low energy and maintenance costs compared to traditional incandescent signals. Cooperating with the leading LED component supplier in the industry, UNIPRO Automation doo integrates the latest technology and accumulated industrial experience to provide a dramatically better solution for traffic control systems.

UNIPRO LED traffic signal modules are replacements to be retrofitted into existing signal lamps and require no special tools for installation. The installation to an existing signal housing requires only the removal of the existing optical unit components, i.e., lens, lamp module, gaskets, and reflector. Our modules fit into traffic signal housings built to the VTCSH standard without any modifications to the housing.

The LED signal module lens may be replaced without the need to replace the complete LED signal module. The modules are protected against dust and moisture intrusion according to the requirements of NEMA standards for Type 4 enclosures. The LED signal module has been designed to assure all internal LED and electronic components are adequately supported to withstand mechanical shock and vibration from high winds and other sources.

The enclosure containing either the power supply or electronic components of the signal module, except for lenses, is made of UL94VO flame retardant materials. The power supply is integrated inside the module to form a single, self-contained device, requiring no on-site assembly for installation.

The advantages of UNIPRO LED traffic signals over traditional incandescent lights are numerous. They are energy-efficient, with long-life performances. They generate little heat, are shock and vibration resistant and easy to install. See how UNIPRO can light your way to a brighter future.

UNIPRO LED Signal Power Consumption	7.9W
Incandescent Signal Power Consumption	150.0W
UNIPRO LED Signal Warranted Lifetime	44,000 hrs
Incandescent Light Lifetime Expectancy	7,000 hrs
UNIPRO LED Signal Cost of Ownership	\$335/Unit
Incandescent Signal Cost of Ownership	\$2,889/Unit

Note: Based on 5-year duration, LED signal model T1-12R-4, energy cost \$0.08/kWh, 55% on-time, emergency repair twice a year for incandescent light bulbs.



The logo features a bright yellow background. In the center is a white oval with a thick dark blue border. Inside the white oval is a blue semi-circle at the top and bottom. A white horizontal rectangle with a dark blue border is superimposed over the center of the oval, containing the word "UNIPRO" in dark blue, bold, uppercase letters.

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