

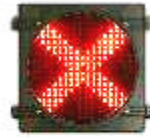
A unique single beam LED Traffic Signaling system Traffic Technology Inc, USA

We bring the LED signalling systems by one of the world leaders, Traffic Technology Inc (TTI) of USA. The unique products include plug in LED Ball assemblies for the existing 8” housings and the patented Unilight, which is a single unit capable of displaying all the three signals.

Technology Comparison	
LED vs. Incandescent Lamp	
LED	Incandescent Lamp
Brightness and best visibility even in foggy conditions	50% brightness lost due to the lens cover
Consumes approximately 15W power	Consumes 100W power
Life of over 10 years	Life limited to 3-6 months
Even failure of few LEDs will not completely shut down the signal	Failure of the bulb renders complete shut down of the signal
No heat build-up in the housing	High heat build-up and adds to failure rate
No glare from daylight due to absence of reflectors	Misleads the drivers due to reflection of daylight from the reflectors
LED offered by TTI vs. LED of Others	
LED by TTI	LED by Others
240VAC plug-in balls available for immediate replacement in existing housings	AC fittings not readily available, so widespread use is very expensive and may not be feasible
No need for Solar panel	Solar panel required. Dust / Snow accumulation on the panels severely reduces the efficiency and consequent failure of the system. Not possible to clean the panels periodically due to large number, high positioning and risk of damage
No need for batteries	AC system obviates the need for Batteries
As retrofit is possible switchover to LED system is less expensive	Switch-over is expensive due to need for a complete change of power supply

Immediate unique applications

- ◆ Quick changeover from incandescent to LED system at major intersections in less than a day.
- ◆ Patented Unilight, which is an all-in-one Red-Amber-Green signal, can be installed at the important intersections.
- ◆ Standard portable Unilight systems can be easily deployed in any situation where temporary traffic diversions are required. Here the signals can be deployed in morning and evening hours only and activated by just one Police person standing on the pavement. Once the busy hours is over the system can be easily dismantled and taken back to the concerned Police Station and plugged to AC mains for recharging.



Traffic Technology Inc.

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