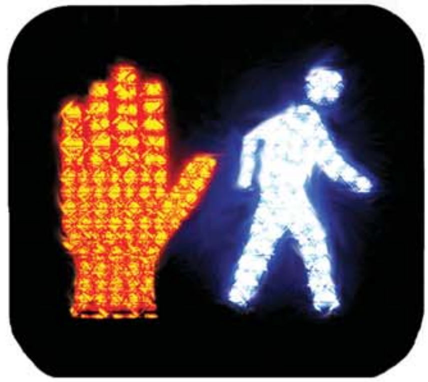
LED TRAFFIC SIGNALS

PEDESTRIAN SIGNAL MODULES

- *90% Less Power Consumption*
- *Longer Lifetime (5-Years Minimum!)*
- *Reduce Labor Costs - Eliminate Yearly Re-Lamping*
- *High Brightness & Visibility*
- *Modular Design*
- *Virtually Maintenance Free*
- *ITE Conformance Design - CalTrans and Other D.O.T.'s Prequalified*
- *Countdown, Side By Side, Overlap Models*



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, General Traffic Equipment Corp. integrates the latest technology and accumulated industrial experience to provide a dramatically better solution for traffic control systems.

General Traffic Equipment Corp's LED pedestrian signal modules are replacements to be retrofitted into existing pedestrian signal housings and require no special tools for installation. The installation to an existing pedestrian signal housing requires only the removal of the existing optical unit components, i.e., lens, gaskets, and reflector. Our LED modules fit into pedestrian signal housings built to the VTCSH standard without any modifications to the housing or door frame.

The modules are protected against dust and moisture intrusion according to the requirements of NEMA standards for Type 4 enclosures. The LED pedestrian signal module has been designed to assure all internal LED and electronic components are adequately supported to withstand mechanical shock and vibration from shipping, high winds and minor vandalism.

The enclosure containing either the power supply or electronic components of the signal module, except for lenses, is made of UL94VO flame retardent 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 GTE's LED pedestrian signals over traditional incandescent lights are numerous. They are energy-efficient, with long-life performances. They reduce manpower costs by eliminating yearly re-lamping.

SINCE 1978

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General Traffic Equipment

SPECIFICATIONS

Note: Based on 5-year duration, LED signal module, energy cost $0.08/kWh, 100% on-time emergency repair twice a year for incandescent light bulbs.

SYMBOL	Symbol	Hand	Walking Person
	Display	Filled	Filled
	Color	Portland Orange	Lunar White
	LED Material	AllnGaP	InGaN
	Power Consumption (Watts)	9.0	9.0
	Countdown Digits	9.00″ Height	
GENERAL	Module Size	Fits Existing Standard Ped Housings	
	Nominal Applied Voltage	120 VAC / 60Hz	
	Operating Voltage Range	80 - 135 VAC / 60Hz	
	Total Harmonic Distortion (THD)	<20%	
	Power Factor (PF)	.9 or Greater	
	Connect Terminal	Spade Quick Connector	
	Moisture Resistance	NEMA Type 4 Enclosure, Standard 250-1991	
	Vibration Resistance	Passing MIL-STD-883 Test Method 2007	
	FCC Electronic Noise	Passing FCC Parts 15.107 and 15.109 Emissions	
	Typical Module Weight	4.6 Pounds	
ENVIRONMENTAL	Operating Temperature	-40°F ~ 165°F (-40°C ~ 74°C)	
	Storage Temperature	-40°F ~ 185°F (-40°C ~ 85°C)	

Model No.	Description	Symbol Hand	Symbol Person	Symbol Countdown	Power (W) Hand	Power (W) Person	Housing Size (in.)
LED-PS-12-CD	*Countdown*	-	-	*2-Digit*	*5.5*		*12 x 12*
LED-PS-12-H	*Square Module*	*Filled*	-	-	*6.6*	-	*12 x 12*
LED-PS-12-P	*Square Module*	-	*Filled*	-	-	*7.0*	*12 x 12*
LED-PS-12-OV	*Overlap*	*Filled*	*Filled*	-	*7.3*	*7.3*	*12 x 12*
LED-PS-1618-FS	*Side by Side*	*Filled*	*Filled*	-	*6.5*	*6.5*	*16 x 18*
LED-PS-1618-OV	*Overlap*	*Filled*	*Filled*	-	*7.2*	*7.2*	*16 x 18*
LED-PS-1618-OVCD	*Overlap & Countdown*	*Filled*	*Filled*	*2-Digit*	*6.7*	*12.8**	*16 x 18*
LED-PS-16GTE-FS	*Side by Side*	*Filled*	*Filled*	-	*9.0*	*9.0*	*16 x 16*
LED-PS-16GTE-OVCD	*Overlap & Countdown*	*Filled*	*Filled*	*2-Digit*	*5.4*	*12.8**	*16 x 16*

* Summation of the power consumption of both the person symbol and the countdown digit(s).