



Ocean State Signal Co.

27 Thurber Blvd • Smithfield, RI 02917

(401) 231-6780 Fax: (401) 231-4390

SPECIFICATION SHEET

TITLE: LEOTEK - LED Traffic Products

PART NO.: SEE BELOW

Model Specifications and Ordering Options

TSL-(SIZE)-(COLOR)-LX-(IL TYPE)-(VOLTAGE)

Model Number	Color	IL Type	Wattage Drawn	Voltage	Dominant Wavelength	Maintained Intensity (cd) Min.	Standard
8 Inch							
TSL-08R-LX-IL1-A1	Red	1	5	80-135 Vac	626	133	ITE 1998/Caltrans
TSL-08Y-LX-IL1-A1	Yellow	1	10	80-135 Vac	589	267	ITE 1998/Caltrans
TSL-08G-LX-IL1-A1	Green	1	9	80-135 Vac	500	267	ITE 1998/Caltrans
12 Inch							
TSL-12R-LX-IL1-A1	Red	1	8	80-135 Vac	626	399	ITE 1998/Caltrans
TSL-12Y-LX-IL1-A1	Yellow	1	14	80-135 Vac	589	678	ITE 1998/Caltrans
TSL-12G-LX-IL1-A1	Green	1	12	80-135 Vac	500	678	ITE 1998/Caltrans

TSL-(SIZE)-(TYPE)-(COLOR)-(ARROW)-(SIZE)-(VOLTAGE)

12 Inch Arrow

TSL-12RA-LD-A1	Red		8	80-135 Vac	626	146	ITE 2007/Caltrans/ETL
TSL-12YA-LD-A1	Yellow		14	80-135 Vac	589	146	ITE 2007/Caltrans/ETL
TSL-12GA-LD-A1	Green		12	80-135 Vac	500	146	ITE 2007/Caltrans/ETL
TSL-12BM-LD-A1	YELLOW		6.5	80-135 Vac	589	146	ITE 2007/Caltrans/ETL
	GREEN		7.0	80-135 Vac	500	146	ITE 2007/Caltrans/ETL

IL / Arrow Series Technical Data

Operating Temperature: -40°F to 165°F (-40°C to 74°C)

Operating Voltage: 80-135 Vac, 10.5-28Vdc

Power Factor: >0.90

Turn-On/Off Time: <75msec

Voltage Regulation: ±1% (typical)

Total Harmonic Distortion (THD): <20%

16 Inch & 12" Countdown Pedestrian

Model Number	Description	Wattage Drawn	Standard
TP16H-CD	Full Symbol	Portland Orange Hand - 12W Lunar White Man - 11W Portland Orange Countdown - 5W	ITE PTCSI-STD Part 2 - March 2004
TSL-PED-DP-16-FS	"S" Full Symbol Hand/Man	Lunar White Hand - 7W Portland Orange Man - 7W	ITE PTCSI-STD Part 2 - March 2004
TP12H-HM	Overlay Full Symbol - Portland Orange Hand / Lunar White Man	Hand - 7W Man - 9W	ITE PTCSI-STD Part 2 - March 2004 / ETL
TP12N-CD	Countdown Digits - Portland Orange Countdown	7W	ITE PTCSI-STD Part 2 - March 2004

LED Pedestrian Series Technical Data

LED Color/Type: Portland Orange / AlInGaP, Lunar White / InGaN

Operating Temperature: -40°F to 165°F (-40°C to 74°C)

Operating Voltage: 80-135 Vac, 10.5-28Vdc

Power Factor: >0.90

Turn-On/Off Time: <75msec

Turn-Off Voltage: 35Vdc

Total Harmonic Distortion (THD): <20%

For more information, visit our website at www.oceanstatesignal.com