



Ocean State Signal Co.
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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	133	ITE 2007/Caltrans/ETL
TSL-12YA-LD-A1	Yellow		14	80-135 Vac	589	267	ITE 2007/Caltrans/ETL
TSL-12GA-LD-A1	Green		12	80-135 Vac	500	267	ITE 2007/Caltrans/ETL
TSL-12BM-LD-A1	YELLOW		6.5	80-135 Vac	589	267	ITE 2007/Caltrans/ETL
	GREEN		7.0	80-135 Vac	500	267	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

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 / AllGaP, Lunar White / InGaP	Turn-On/Turn-Off Time:	<75msec
Operating Temperature:	-40°F to 165°F (-40°C to 74°C)	Turn-Off Voltage:	35Vac
Operating Voltage:	80-135 Vac, 10.5-28Vdc	Total Harmonic Distortion (THD):	<20%
Power Factor:	>0.90		

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

SHOP DRAWING REVIEW

BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

REVISIONS OR COMMENTS MADE ON THE SHOP DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

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