

CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: TSL SERIES

SERIES SPECIFICATIONS



TSL SERIES

The TSL sign light is a thin, smart and stylish shape, better cooling design and high lumen efficiency.



FEATURES & SPECIFICATIONS

Intended Use:

The TSL series sign light is suitable for lighting signs, billboards, as well as wall wash applications.

Construction:

The body is constructed of extruded aluminum.

Finish: Paint after fabrication (PAF) adds high resistance to rust over its lifetime.

Optics:

High light transmittance polycarbonate, anti-UV, and fire resistant lens provides a beam angle of 90°.

Electrical:

70% lumen maintenance at >50,000 hours; predicted life of more than 80,000 hours. The TSL delivers up to 140 lumens per watt and LED lumen maintenance of L80/80,000 hours. Driver disconnect is provided where required to comply with U.S. and Canadian codes. Thermally protected driver is standard.

Installation:

Fixture comes standard with adjustable bracket. Knuckle mount sold separately.

Listings:

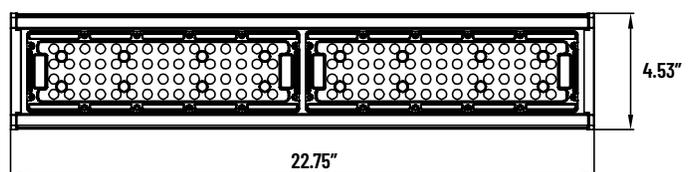
UL listed to U.S. and Canadian safety standards. Wet location listed. For use in ambient operating temperatures ranging from -20°C to 40°C.

Warranty:

5-year limited warranty.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

LINE DRAWINGS





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ORDERING INFORMATION

Example: TSL23050BK

SERIES	LENGTH	COLOR TEMP.	WATTAGE	FINISH
TSL	[2]: 2FT	[30]: 3000K [50]: 5000K	[50]: 50W	[BK]: BLACK

PERFORMANCE SPECIFICATIONS

GENERAL DRIVER INFORMATION	
Type	Constant Current, Class 2
ELECTRICAL SPECIFICATIONS	50W
INPUT	
Input Voltage (V AC)	100V-277V (± 10%)
Frequency Range (Hz)	50-60Hz (+/- 10%)
Input Current Max (A) Per Driver	0.52
THD @ Full Load	<20%
Efficiency @ Full Load	86%
Inrush Current 100% Load @ 230V Input Cold Start	20A
Power Factor @ Full Load	>0.9
OUTPUT	
Output Voltage (V DC)	42V DC
Output Current (mA) Per Driver	1200mA
Max. Output Power (W) Per Driver	54W
Over Temp. Protection	Shutdown @ 120°C
LED Power Up Time	<1 sec
Load Regulation	<10%
Line Regulation	<10%
Over Voltage Protection	Yes
Over Load Protection	Yes
Output Short-Circuit Protection	Yes

SERIES	LUMENS	LPW	MAX. WATTAGE	AMPS @ 120V	AMPS @ 277V
TSL23050BK	6652.9lm	136.5	48.72W	0.410	0.189
TSL25050BK	6860.3lm	140.3	48.89W	0.411	0.189

ENVIRONMENTAL SPECIFICATIONS	50W
Ambient Range	-30°C to 70°C
Max. Storage Temp.	85°C
MTBF	200,000 hrs. TA=25°C
EMI Compliance	FCC Part 15 Class B

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ACCESSORIES

Set of 2 Knuckle Mounts
TSL-KNUCKLE



2FT Black Cowl
TSL2COWL

