Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

Traditional Flood Small (TSFL)

Outdoor Flood Light

OVERVIEW	
Lumen Package (lm)	1,000 - 3,000
Wattage Range (W)	14 - 28
Efficacy Range (LPW)	93 - 125
Weight lbs (kg)	7 (3.18)

QUICK LINKS

Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rigid Precision Die cast-aluminum housing for durability and consistency.
- Vertical fins serve as a heat sink and resist accumulation of dust and debris.
- The Patent Pending thermal stacking heat removal technology extracts heat from within the housing moving it away from LEDs and integral components.
- Luminaire is proudly manufactured and tested in the U.S.
- Fixtures are finished a polyester powder coat finishing process. The finish withstands extreme weather changes without cracking or peeling. Other finishes available. Consult factory.
- Shipping weight: 7.0 lbs in carton.

Optical System

- LSI flood lights utilize individual lenses for maximum light intensity.
- Lenses are made of optical grade acrylic guaranteeing more footcandles, less glare and less wasted light.
- LSI flood lights extra wide distribution pattern is designed to provide maximum light spread for short set backs when lighting signs and washing walls.
- Minimum CRI of 70

Electrical

- High-performance driver features overvoltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz
- L70 Calculated Life: >100k Hours.
- Total harmonic distortion: <20%
- Power factor: >.85
- Input power stays constant over life.
- Driver Off-State Power is 0 watts.
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.
- Minimum 2.5kV surge rating.
- Operating temperature: -40°C to +50°C (-40°F to +122°F).

Controls

- Optional electronic button Photocontrol.
- Apertures for field or factory installed photocontrol.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- CSA Listed.
- RoHS Compliant.
- Suitable For Wet Locations.
- Meets Buy American Act requirements.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

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Type : _____

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ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: TSFL LED 2L UNV DIM 40 BLK

Prefix	Lumen Package	Distribution	Voltage	Dimming	Color Temperature	Color Rendering	Finishes	Options/Controls
TSFL LED - Small LED Flood Light	**2L** - 2,000 Lumens	**(Blank)** - Flood Optic (6x6)	**UNV** - 120-277V	**DIM** - Dim to 10% (0 to 10V)	**30** - 3,000K CCT **40** - 4,000K CCT **50** - 5,000K CCT	**Blank** - 70 Color Rendering Index	**BZA** - Bronze **BLK** - Black **WHT** - White	**PCI 120** - 120V Photocontrol **PCI 208-277** - 208V - 277V Photocontrol **TR** - Trunnion
TSFL LED - Small LED Flood Light	**1L** - 1,000 Lumens **3L** - 3,000 Lumens	**W** - Extra Wide (7x7)						

Need more information?
Click here for our glossary

Have additional questions?
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PERFORMANCE

Back to Quick Links

Delivered Lumens

Lumens	Distribution	CRI	3000K CCT		4000K CCT		5000K CCT		Wattage
			Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
1L	W	70	1629	121	1629	121	1682	125	14
2L	F		1978	93	1978	93	2194	103	21
3L	W		3132	114	3132	114	3261	118	28

*LEDs are frequently updated therefore values are nominal.

Energy Savings

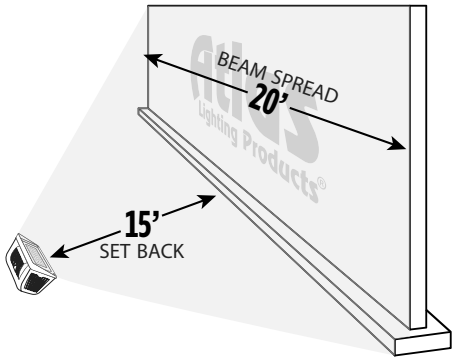
LED		HID			Annual Savings
Wattage	Annual Cost	Source Wattage	Total Wattage Used	Annual Cost	
13	$6	50	72	$52	$46
27	$12	70	90	$59	$47
27	$12	100	129	$77	$65

DLC Listings

Lumens	3000K	4000K	5000K
	DLC Prod. ID	DLC Prod. ID	DLC Prod. ID
1L	PLJ32A6LCN7G	PLHCV0YXCT4B	PLWSER5KXJ4B
3L	PLBSGBDATMYK	PLTJJTWUJB3H	PLTEBALAK4XJ

PHOTOMETRICS

Back to Quick Links



See Chart A for Footcandle Readings

Footcandle Readings (Chart A)

Lumens	0'	5'	10'	15'
1L	3.36	2.73	1.63	-
3L	3.83	3.41	2.49	1.63

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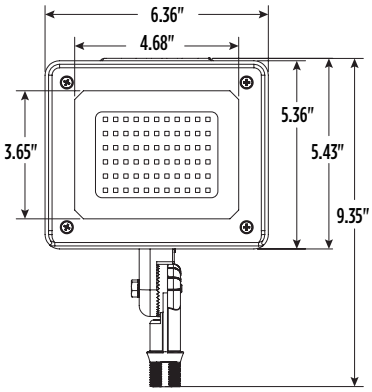
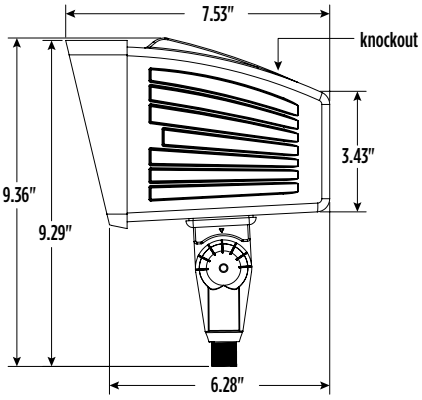
PRODUCT DIMENSIONS

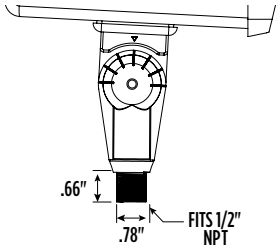
Back to Quick Links

Weight: 7 lbs.
EPA: 0.33





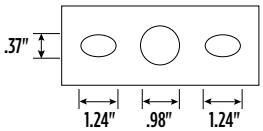
Knuckle (standard)



Mounting Accessory

PT - Post Top Fitter (item # 500-082BZ)

Trunion



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