

Catalog # :

Project :

Prepared By :

Date :



TLFL162W 162 Watt LED Flood Light



LSI flood lights are the most powerful LED flood lights available in the market today. They use optical grade individual acrylic lenses which deliver more lumens to the desired target, guaranteeing more footcandles, less glare and less wasted light.

Features & Specifications

Performance

4500K		
Delivered Lumens	Efficacy	Wattage
16,030	104.03	154.09

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.
- 4500K color temperature.
- Minimum CRI of 72

Electrical

- High-performance driver features over-voltage, 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

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.



Dimensions Design is Protected by US Patent D740,997

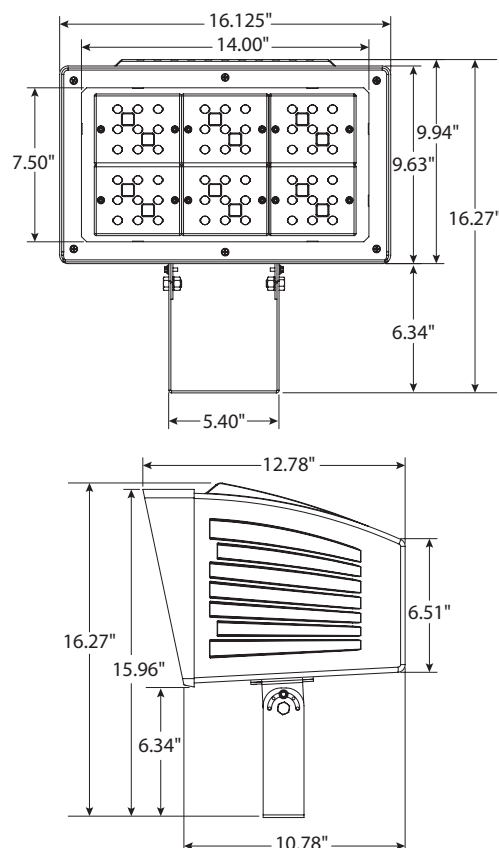
Weight

30 lbs. (with Trunnion)

31 lbs. (with Slipfitter)

EPA

1.29





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Features & Specifications (Cont.)

- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory
- Shipping weight: with Trunnion (standard) 30 lbs / with Slipfitter 31 lbs

Controls

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

Warranty

- LSI LED Fixtures carry a 5-year warranty.
- 1 Year warranty on optional Button Photocell.

Listings

- Listed to UL 1598 and UL 8750.
- CSA Listed
- RoHS Compliant.
- 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.
- American Recovery and Reinvestment Act Funding Compliant.
- Lighting Facts Approved.
- Suitable For Wet Locations

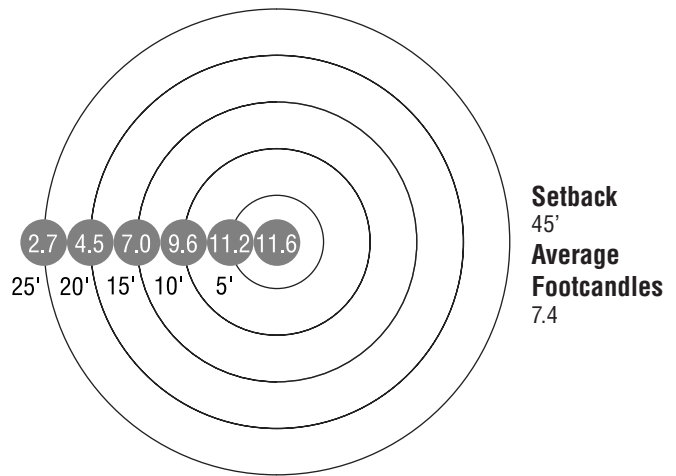
Finishes

- Bronze is standard. Consult factory for pricing and lead time for other options.

Energy Savings

LED		HID			
Wattage	Annual Cost	Source Wattage	Total Wattage Used	Annual Cost	Annual Savings
162	\$71	250	285	\$150	\$79
		400	458	\$226	\$155
		1000	1080	\$513	\$442

Photometrics



LSI INDUSTRIES

LED lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	16030
Watts	154.09
Lumens per Watt (Efficacy)	104.03

Color Accuracy	71
Color Rendering Index (CRI)	

Light Color	4463 (Bright White)
Correlated Color Temperature (CCT)	

Warm White Bright White Daylight

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

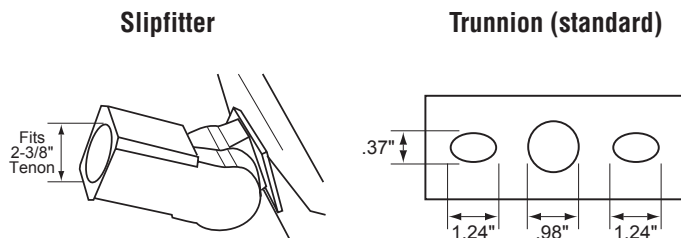
Visit www.lightingfacts.com for the **Label Reference Guide**.

Registration Number: PRB4-QWKT/LH (3/24/2017)

Model Number: TLFL162W45K-BZ

Type: Luminaire - Directional

Mounting Detail



Luminaire Ordering Guide

TYPICAL ORDER EXAMPLE: **TLFL 162W 45K BZ PC120**

Family Prefix	Wattage	Color Temp	Finishes	Options / Controls
TLFL	162W	45K - 4500K	BZ - Bronze	PC120 - 120V Button Photocontrol PC208-277 - 208-277V Photocontrol SF - Slipfitter HV - 374-480V Universal Voltage