Traditional Wall Light Extra Large (TXWP)
Wall Light

MANUFACTURED IN THE USA · **RoHS COMPLIANT** · **c UL us LISTED**

FOR INFORMATIONAL PURPOSES ONLY!

OVERVIEW	
Lumen Package	7,000 -13,000
Wattage Range	56 - 115
Efficacy Range (LPW)	108 - 124
Weight lbs (kg)	15 (6.8)

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged traditional aluminum die cast housing provides proven environmental protection for LED modules.

- Traditional fixture design provides a familiar look and standard installation requirements.

- Retaining this look allows the ability to upgrade fixtures gradually, while retaining the same overall fixture appearance throughout a facility.

- Patent pending thermal stacking technology system features a unique internal design that allows for lower operating temperatures which results in a brighter, whiter light, more stable color and longer LED and driver life.

- LEDs manufactured for the TXWP series utilize Epoxy Guard conformal coating which reduces the chance of board corrosion.

- Weight: 15 lbs in carton.

Optical System

- Tempered glass lens.

- Lens assembly is designed to provide high efficiency and to target the light where needed to satisfy outdoor lighting requirements.

- Positioning of the LEDs result in the light being directed to desired locations eliminating glare and offensive light.

- Available in 5000K, 4000K and 3000K color temperatures per ANSI C78.377.

- Minimum CRI of 80.

Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection.

- 0-10V dimming (10% - 100%) standard.

- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 Vac)

- Total harmonic distortion: <20%

- Operating temperature: -40°C to +40°C (-40°F to +104°F).

- Power factor: >0.90

- 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 4kV surge rating

- Optional 120v-277v integral emergency battery pack is available to meet critical life safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. Provides ~1,500 lumens of emergency illumination.

Controls

- Optional factory installed electronic button photocontrol (apertures for field install).

Installation

- Fixture retains the same knock-out sizes and positions as previous models, reducing wiring costs.

Warranty

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

- 1 Year warranty on optional button photocell.

- 1 Year warranty on optional Battery Back Up. Test regularly in accordance with local codes.

Listings

- Listed to UL 1598 and UL 8750.

- CSA Listed.

- Meets Buy American Act requirements.

- RoHS Compliant.

- Suitable for wet locations.

- 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 qualify.

ORDERING GUIDE

TYPICAL ORDER EXAMPLE:	TXWP 10L UNV 40 CWBB BZA PCI120

Family	Lumen Package*	Voltage	Dimming	Color Temperature	Options	Finish	Controls
TXWP LED - Traditional Wall Extra Large	**7L** - 7,000 Lumens **10** - 10,000 Lumens **13L** - 13,000 Lumens	**UNV** - Universal Voltage (120-277V) **HV** - 347-480V	**DIM -** Dim to 10% (0-10V)	**50** - 5,000K CCT - 80 CRI **40** - 4,000K CCT - 80 CRI **30** - 3,000K CCT - 80 CRI	**CWBB** - Cold Weather Battery Backup (120-277V Only)	**BZA** - Bronze **BLK** - Black **SLV** - Silver **WHT** - White	**PCI120** - 120V Button Photocell **PCI208-277** - 208-277V Button Photocell

PERFORMANCE

DELIVERED LUMENS

Lumens	CRI	3000K			4000K			5000K			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
7L	80	6046	108	B1-U4-G4	6933	124	B1-U4-G4	6933	124	B1-U4-G4	56
10L		9958	122	B1-U5-G5	9958	122	B1-U5-G5	9958	122	B1-U5-G5	82
13L		12510	108	B2-U5-G5	13170	114	B2-U5-G5	13170	114	B2-U5-G5	115

ELECTRICAL DATA*

Lumens	120V	208V	240V	277V	347V	480V
7L	0.47	0.27	0.23	0.20	0.16	0.12
10L	0.68	0.39	0.34	0.30	0.24	0.17
13L	0.96	0.56	0.48	0.42	0.33	0.24

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

ENERGY SAVINGS

LED		HID			
Wattage	Annual Cost	Source Wattage	Total Wattage Used	Annual Cost	Annual Savings
56	$24	250	285	$150	$126
82	$35	250	285	$150	$115
82	$35	400	458	$226	$191
117	$50	400	458	$226	$176

Traditional Wall Extra Large (TXWP)

PHOTOMETRICS

Luminaire photometry has been conducted by an accredited laboratory in accordance with IESNA LM-79. As specified by IESNA LM-79 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.
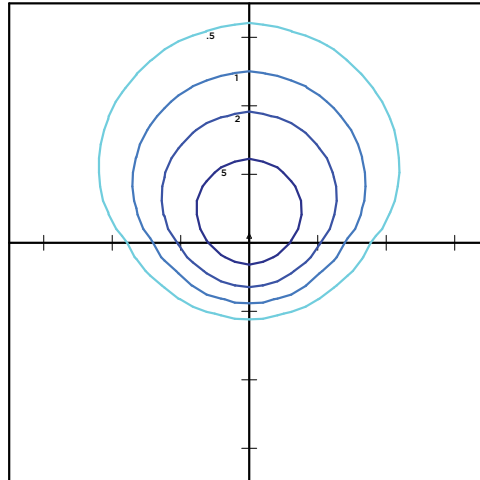
TXWP 13L UNV 40

LUMINAIRE DATA

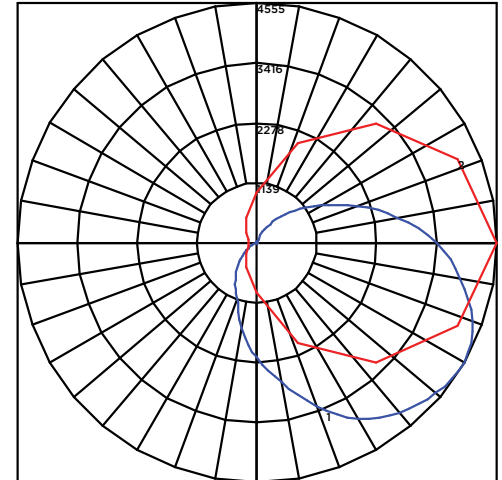| Type 4 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	13,171
Watts	115
Efficacy	115
IES Type	Type IV - Very Short
BUG Rating	B2-U5-G5

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	1751	13%
Medium (30-60)°	4343	33%
High (60-80)°	3054	23%
Very High (80-90)°	1246	9%
Uplight (90-180)°	2778	21%
Total Flux	13171	100%

ISO FOOTCANDLE

15' Mounting Height/15' Grid Spacing

■ **5 FC** ■ **2 FC** ■ **1 FC** ■ **.5 FC**
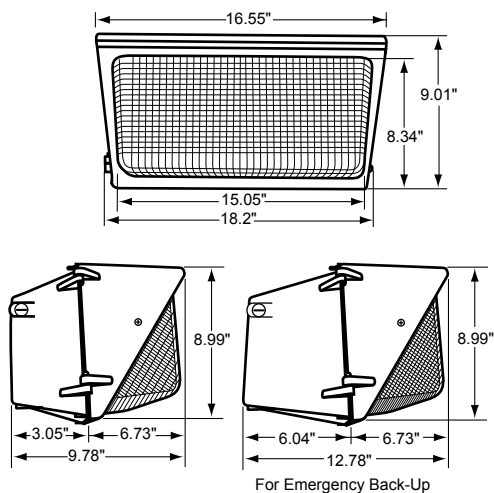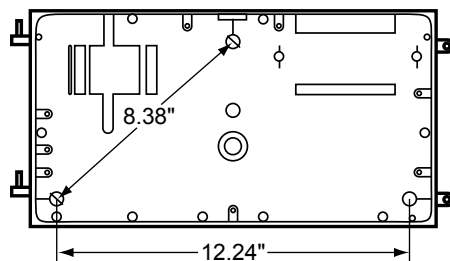
POLAR CURVE

Traditional Wall Extra Large (TXWP)

PRODUCT DIMENSIONS

16.55"

9.01"

8.34"

15.05"

18.2"

8.99"

3.05"   6.73"

9.78"

8.99"

6.04"   6.73"

12.78"

For Emergency Back-Up

Mounting Detail

8.38"

12.24"

WCP Series
LED Walkway Canopy

The LSI WCP LED Walkway Canopy Series is designed to optimize LED life and light output. Housing is hinged for quick and easy mounting and entrance. Using high brightness, high LED count technology, more usable light output is produced while eliminating glare.

Features & Specifications

Optical System

• The high transmission lens, with 91% efficiency, is high impact, scratch resistant acrylic and protects the LEDs. At the same time, it delivers improved visual comfort by eliminating any glare and providing a wider smoother and more uniform light output.

• Lens assembly is designed to provide high efficiency and to target the light where needed to satisfy outdoor lighting requirements.

• Positioning of the LEDs result in the light being directed to desired locations eliminating glare.

• 3000K | 4000K | 5000K color temperatures.

• Minimum CRI of 80.

• L70 Calculated Life: >200k Hours

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

• Total harmonic distortion: <20%

• Power factor: >.85

• 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 4kV surge rating
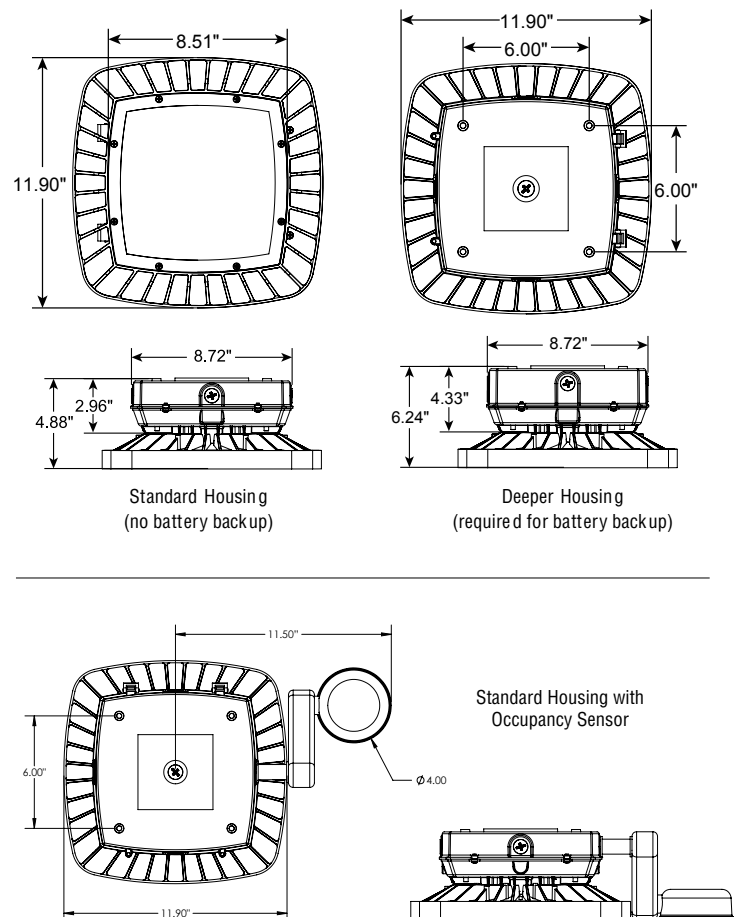
Controls

Wireless Controls System

To make Airlink ready, order one of the following options:

a. The integrated Wireless Lighting Controller: ALSC (see ordering guide) as the controls option, or

b. Integrated Wireless Controller option (above) with integrated motion sensor: ALSCS (ordering guide for mounting heights)

For more information on our AirLink products, visit our website: www.lsi airlink.com/airlink-synapse/

Dimensions

8.51"

11.90"

11.90"
6.00"

6.00"

8.72"

2.96"
4.88"

Standard Housing
(no battery backup)

8.72"

4.33"
6.24"

Deeper Housing
(required for battery backup)

11.50"

6.00"

11.90"

Ø 4.00

Standard Housing with Occupancy Sensor

*The majority of LSI Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components. Meets Buy American requirements within the ARRA.

Features & Specifications (Cont.)

Stand Alone Controls

- The passive infrared motion sensor activates switching of luminaire light levels.

Construction

- Rugged aluminum die cast housing provides proven environmental protection for LED modules.
- Designed for commercial and industrial applications.
- Patent pending thermal stacking technology features a unique internal design that allows for lower operating temperatures which results in a brighter, whiter light, more stable color and longer LED and driver life.
- LSI LEDs provide higher lumen output, greater energy efficiency and more reliable fixture performance.
- LEDs manufactured for the WCP series utilize Epoxy Guard conformal coating which reduces the chance of board corrosion.
- Weight: 10.0 lbs in carton.

Warranty

- LSI LED Fixtures carry a 5-year warranty.

Listings

- CSA listed to UL 1598 and UL 8750.
- Luminaire is certified to UL/cUL Standards for Wet Locations.
- IDA Listed (3000K or warmer CCT)
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product DLC qualified. Check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Installation:

- Apertures for continuous wiring.
- Housing is hinged for quick and easy mounting and entrance.
- Can be pendant mounted using 1/2" threaded conduit fitting (by others).

Performance

Lumens	3000K Delivered Lumens	3000K Efficacy	4000K Delivered Lumens	4000K Efficacy	5000K Delivered Lumens	5000K Efficacy	Wattage
3L	3363	137.21	3363	137.21	3492	142.37	25
5L	5452	134.60	5452	134.60	5626	135.25	40
7L	7680	127.30	7680	127.30	7788	129.11	60
10L	9691	121.78	9691	121.78	9821	121.11	80

Energy Savings

LED Wattage	LED Annual Cost	HID Source Wattage	HID Total Wattage Used	HID Annual Cost	Annual Savings
25	$11	50	72	$52	$41
		70	90	$59	$48
		100	129	$77	$66
40	$18	100	129	$77	$59
		150	185	$100	$82
		175	210	$112	$94
60	$26	200	232	$128	$102
		250	285	$150	$124
		400	458	$226	$200
80	$35	200	232	$128	$93
		250	285	$150	$115
		400	458	$226	$191

Luminaire Ordering Guide

TYPICAL ORDER EXAMPLE: **WCP LED 3L DA W UNV DIM 30 BZA**

Family Prefix	Lumen Package	Lens Type	Distribution	Voltage	Dimming	Color Temp	Color Rendering	Options / Controls	Finishes
WCP LED - Walkway Canopy Series	**3L** - 3,000 Lumens **5L** - 5,000 Lumens **7L** - 7,000 Lumens **10L** - 10,000 Lumens	**DA** - Diffused Acrylic	**W** - Wide	**UNV** - Universal (120V-277V) **HV** - High Voltage (347V-480V)	**DIM** - Dim to 10% (0 to 10V)	**30** - 3000K **40** - 4000K **50** - 5000K	**Blank** - 80 Color Rendering Index	**ALSC** - Airlink Synapse Wireless Controller[1] **OCSUE** - Occupancy Sensor white housing 120 - 277V[2] **OCSHV** - Occupancy Sensor white housing 480V[2] **EXT** - 0-10V Dimming leads extended to housing exterior[2] **CWBB** - Cold Weather Battery Backup -20°C to 50°C(-4°F to 122°F) (requires deeper housing) **SP** - Surge Protection	**BZA** - Bronze **WHT** - White

Footnotes:
1 - Consult factory for HV with AirLink Synapse Wireless Digital Controller.
2 - Not compatible with AirLink Wireless Controls.