WLL Series
Large LED Wall Light

Manufactured with high density, 100% pure aluminum ingot resulting in greater durability and better thermal conductivity. These patented designs, with labor saving features, retain a familiar form with attractive architectural styling and external airflow fins.

Features & Specifications

Dimmable   c(UL)us LISTED   QUICK SHIP   RoHS COMPLIANT   ARRA Funding Compliant

Optical System
• Using the latest high brightness, high LED count technology, more usable light output is produced while eliminating glare.
• The fixture design directs more light down and forward without wasting lumens and offensive light.
• Available in 3000K, 4000K & 5000K color temperatures.
• Minimum CRI of 82

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 or optional High Voltage (347-480 Vac).
• 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 6kV 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.

Controls
• Optional 120V electronic button Photocontol.
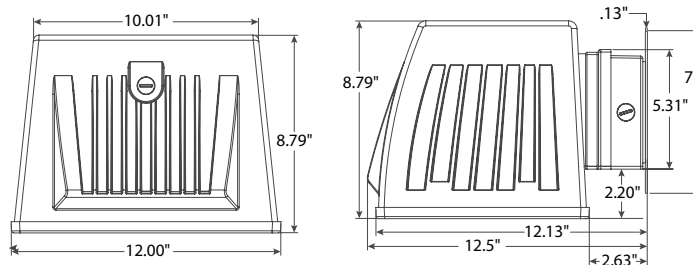• Apertures for field or factory installed photocontrol.

Construction
• Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED life.
• Manufactured w/ 100% pure aluminum and 0% remelt.
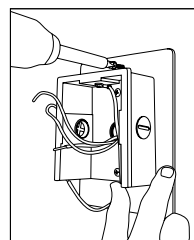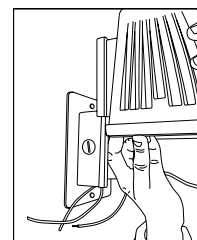• Apertures for field or factory installed photocontrol.

Dimensions Design is Protected by US Patent D740,997

10.01" • 12.00" • 8.79" • 8.79" • .13" • 7" • 5.31" • 2.20" • 12.5" • 12.13" • 2.63"
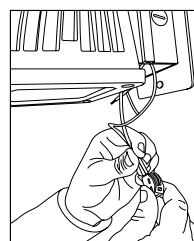
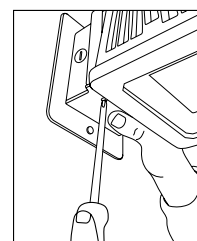## Mounting Protected by US Patent D752,274

Secure Mounting Plate with back box to wall

Slide fixture housing onto mounting box

Connect wires & return them to mounting box

Replace bottom plate on quick mount box

Features & Specifications (Cont.)

- 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.
- LSI LEDs provide higher lumen output, greater energy efficiency and more reliable fixture performance.
- LEDs manufactured for the WLL series utilize Epoxy Guard conformal coating which reduces the chance of board corrosion.
- Weight: 21.5 lbs.

Warranty
- LSI LED Fixtures carry a 5-year warranty.
- 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
- RoHS Compliant.
- American Recovery and Reinvestment Act Funding Compliant.
- Suitable For Wet Locations.

Installation
- Labor-saving quick mount box with apertures for continuous wiring.

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

Emergency Battery Back Up
- Provides emergency illumination (1,580 lumens) for a minimum of 90 minutes.
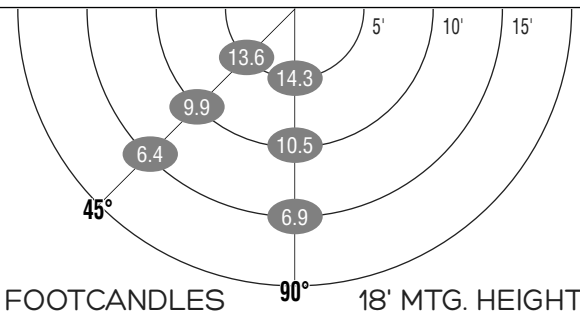
Performance

Lumens	3000K		4000K		5000K		Wattage
	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	
11L	10730	120.66	10730	120.66	11140	125.68	88.93
14L	12720	125.43	12720	125.43	13090	129.16	101.41

Energy Savings

LED		HID			Annual Savings
Wattage	Annual Cost	Source Wattage	Total Wattage Used	Annual Cost	
86	$38	320	366	$187	$149
102	$45	400	458	$226	$181

Photometrics - 14L

FOOTCANDLES   90°   18' MTG. HEIGHT

Mounting Height	90°			45°			Avg FCs 450 sq. feet
	5'	10'	15'	5'	10'	15'	
22'	12.3	10.0	7.5	11.9	9.7	7.1	9.7
25'	9.7	8.3	6.6	9.5	8.1	6.3	8.1

Luminaire Ordering Guide

TYPICAL ORDER EXAMPLE: **WLL   LED   14L   UNV   DIM   40   BZA**

Family Prefix	Lumen Package	Voltage	Dimming	Color Temp	Color Rendering	Options	Finishes	Controls
WLL LED - Large LED Wall Light	11L - 11,000 Lumens 14L - 14,000 Lumens	UNV - Universal (120V-277V) HV - 347-480V Universal Voltage	DIM - Dim to 10% (0 to 10V)	30 - 3000K 40 - 4000K 50 - 5000K	Blank - 80 Color Rendering Index	CWBB - Cold Weather Emergency Battery Back Up	BZA - Bronze WHT - White BLK - Black	PC120 - 120V Button Photocontrol PC208-277 - 208-277V Photocontrol