

# LED PATRIOT® WALL SCNCE (XPWS3)



US patent 7828456, 8002428 and CAN 2736757 & 2736757 and MX patent 29631 and ISRL 49679 and AUS 2008312668 and US & Int'l. patents pending

**SMARTTEC™** -LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature

**ENERGY SAVING CONTROL OPTIONS** - DIM- 0-10 volt dimming enabled with controls by others.

**OPTIONAL INTEGRAL MOTION SENSOR** - Passive infrared motion sensor activates switching of luminaire light levels. High level light is activated when passersby enter target zone and increased to full bright in 1-2 seconds. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for 5 minutes and is gradually ramped down (10 seconds) to low level. Sensor detection range 110° horizontal x 93° vertical x 10 meters maximum distance.

**EXPECTED LIFE** - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

**LEDS** - Available with 28 or 48 select high-brightness LEDs in Cool White (5000K) or Neutral White (4000K) color temperature, 70 CRI.

**OPTICS/DISTRIBUTIONS** - Ultra-high efficiency reflectors provide three distributions. Choose from Wide Throw (WT), Forward Throw (FT) or Wall Wash (WW).

**HOUSING** - One-piece die-cast aluminum housing is smoothly contoured rectangular shape. Mounting hardware is stainless steel or electro-zinc plated steel. Housing and optical unit are sealed with extruded silicone gasket; supply conductors with molded EPDM bushing.

**OPTICAL UNIT** - Clear tempered optical-grade flat glass lens sealed to the aluminum optic housing creates an IP65 rated unit. Pressure stabilizing breather allows super-tight protection while preventing cycling from building up internal pressures and vacuums that can stress optical unit seals.

**WALL MOUNTING** - Galvanized-steel universal wall mounting plate easily mounts directly to 4" octagonal or square junction box. EPDM gasket is supplied to be installed between mounting plate and junction box, sealing junction box from entrance of water. Universal plate permits fixture to be mounted in uplighting (indoor only) or downlighting position.

**POLE MOUNTING** - XPMA (for square) or XPMA (for round) allows mounting to poles in single and D180 configurations. Use with 3" reduced drilling pattern.

**ELECTRICAL** - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input) or 347-480VAC.

**DRIVER** - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). Components are fully encased in potting material for IP65 moisture resistance. Driver complies with IEC and FCC standards. Driver can be easily accessed.

**EMERGENCY OPTIONS** - Optional integral emergency battery-back-up options are available. BB option operates in 0°C to 60°C ambient temperature and CWBB operates in -20°C to 60°C ambient temperature. When primary AC power failure occurs, both options operate 10 LEDs for minimum of 90 minutes.

**OPERATING TEMPERATURE** - -40°C to +50°C (-40°F to +122°F)

**FINISH** - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling.

**WARRANTY** - LSI LED fixtures carry a limited 5-year warranty.

**PHOTOMETRICS** - Please visit our web site at [www.lsi-industries.com](http://www.lsi-industries.com) for detailed photometric data.

**SHIPPING WEIGHT (in carton)** - 30 lbs./13.6Kg

**LISTING** - ETL listed to ANSI/UL1598, UL8750 and other U.S. and international safety standards. Suitable for wet locations in downlight position. Optional Class 1 Division 2 (groups A, B, C & D) hazardous location rating is available (Select HL option). For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at [www.designlights.org](http://www.designlights.org).

## DOE LIGHTING FACTS

Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit [www.lightingfacts.com](http://www.lightingfacts.com) for specific catalog strings.

LIGHT OUTPUT - XPWS3						
		Distribution/Lumens (Nominal)				
Milliamps	# of LEDs	Type FT	Type WT	Type WW	Watts	
Cool White 350 mA	28	3100	3000	3200	34	
	48	5100	5100	5200	55	
	450 mA	28	3700	3600	3800	44
		48	6200	6100	6300	72
Neutral White 450 mA	28	2900	2900	3100	34	
	48	4900	4800	4900	55	
	28	3500	3500	3700	44	
	48	5800	5700	5800	72	

LED Chips are frequently updated therefore values may increase.

Also available in traditional light sources

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
Catalog # \_\_\_\_\_

07/28/16

© 2016  
LSI INDUSTRIES INC.

# LED PATRIOT® WALL SCNCE (XPWS3)

## LUMINAIRE ORDERING INFORMATION

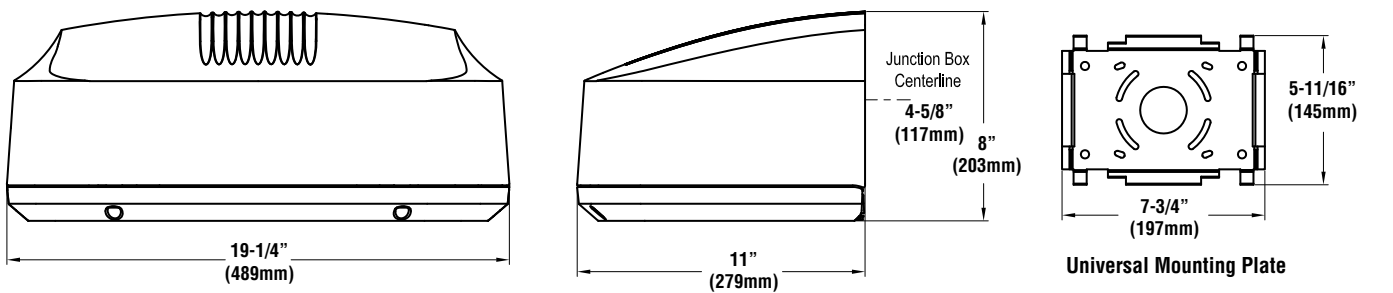
TYPICAL ORDER EXAMPLE: **XPWS3 FT LED 48 450 CW UE WHT BB**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Optional Controls	Optional Sensor/Options
XPWS3 - LED Patriot Wall Sconce	WT - Wide Throw FT - Forward Throw WW - Wall Wash	LED	28 48	350 - 350mA 450 - 450mA	CW - Cool White (5000K) NW - Neutral White (4000K)	UE - Universal Voltage (120-277) 347-480	BLK - Black BRZ - Bronze GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	<b>Wireless Control System</b> <sup>1,2</sup> (blank) - None PCM - Platinum Control System PCMH - Host/Satellite Platinum Control System GCM - Gold Control System GCMH - Host/Satellite Gold Control System DIM - 0-10 volt dimming (required for satellite fixtures)  <b>Stand-Alone Control</b> (blank) - None DIM - 0-10 volt dimming <sup>3</sup> (from external signal)	<b>Sensor</b> IMS - Integral Motion Sensor <sup>4</sup> PCI120 - 120V Button-Type Photocell <sup>5</sup> PCI208 - 208V Button-Type Photocell <sup>5</sup> PCI240 - 240V Button-Type Photocell <sup>5</sup> PCI277 - 277V Button-Type Photocell <sup>5</sup> PCI347 - 347V Button-Type Photocell <sup>5</sup>  <b>Options</b> BB - Battery Back-up <sup>6</sup> CWBB - Cold Weather Battery Back-up <sup>6</sup> EMR2 - Two Emergency 12V Circuit Provisions with (2) 35 Watt Halogen Lamps <sup>7</sup> HL - Class 1, Division 2 Hazardous Location Rating, ETL Listed to UL844 <sup>8</sup> XPM - Pole Mounting Adaptor w/ Fixture Back Plate for Use with Square Poles <sup>9</sup> XPMAR4 - Pole Mounting Adaptor w/ Fixture Back Plate for Use with 4" O.D. Round Poles <sup>9</sup> XPMAR5 - Pole Mounting Adaptor w/ Fixture Back Plate for Use with 5" O.D. Round Poles <sup>9</sup>

ACCESSORY ORDERING INFORMATION <sup>1</sup> (Accessories are field installed)	
Description	Order Number
XPWS3 Polycarbonate Shield	244657
XPWS3 SW BLK - Surface Wiring Box (Available in black only)	356915BLK
FK120 - Single Fusing	FK120 <sup>10</sup>
FK277 - Single Fusing	FK277 <sup>10</sup>

- FOOTNOTES:**
- For wireless controls information and accessories, see Controls section.
  - Requires a SiteManager and override switch. Not compatible with battery back-up, IMS, EMR2 or HL Option.
  - Not compatible with IMS option.
  - Not compatible with wireless controls system or DIM.
  - Not compatible with ERM2 or HL option.
  - Available with UE voltage only. Not compatible with wireless controls system, EMR2 or HL option.
  - Utilizes GZ4 sockets. 12 volt separate circuits required. Not available with wireless controls system, battery back-up, photocell, HL, XPM or XPMAR option.
  - Not available with wireless controls system, battery back-up, photocell or EMR2 option.
  - Not available with EMR2 option. Designed for 3" reduced drilling pattern. For S or D180 mounting configuration only.
  - Fusing to be installed in a compatible junction box supplied by contractor.

## DIMENSIONS



Shown with IMS Option



Project Name \_\_\_\_\_ Fixture Type \_\_\_\_\_  
 Catalog # \_\_\_\_\_

**BUG LISTING**

**XPWS3 - Type FT**

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW	3055	34	90	B1-U0-G1
		5094	55	93	B1-U0-G1
	NW	2919	34	86	B1-U0-G1
		4863	55	88	B1-U0-G1
450	CW	3730	44	85	B1-U0-G1
		6159	72	86	B2-U0-G1
	NW	3529	44	80	B1-U0-G1
		5775	72	80	B1-U0-G1

**XPWS3 - Type WT**

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW	2977	34	88	B1-U0-G1
		5095	55	93	B2-U0-G1
	NW	2873	34	86	B1-U0-G1
		4791	55	87	B1-U0-G1
450	CW	3636	44	83	B1-U0-G1
		6144	72	85	B2-U0-G1
	NW	3465	44	79	B1-U0-G1
		5678	72	79	B2-U0-G1

**XPWS3 - Type WW**

Drive Current	Color Temp.*	Lumens	Watts	LER	BUG Rating
350	CW	3161	34	93	B2-U0-G0
		5209	55	95	B2-U0-G0
	NW	3074	34	90	B1-U0-G0
		4881	55	89	B2-U0-G0
450	CW	3844	44	87	B2-U0-G0
		6315	72	88	B2-U0-G0
	NW	3708	44	84	B2-U0-G0
		5751	71	81	B2-U0-G0

\* Color Temperature: NW-4000K, CW-5000K

