LED ENTERPRISE DECORATIVE AREA LIGHTS (XENM3)

Crossover®
LED LIGHTING TECHNOLOGY

US patent 782456 and US & Int'l. patents pending

SMARTTEC™ THERMAL CONTROL - Sensors in both optical unit and driver enclosure reduce drive current when ambient temperatures exceed 50°C. Current is lowered in imperceptible 5% increments every 5 minutes until safe operating temperature is reached.

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 - Select high-brightness LEDs. 5800°K color temperature (nominal) 70 CRI (nominal).

DISTRIBUTION/PERFORMANCE - Types 2, 3, FT, and 5. Exceptional uniformity creates bright environment at lower light levels. Improved backlight cutoff minimizes light trespass.

HOUSING - Modular fixture is available in two mounting styles - Post Top and Side Mount. One piece housing/support frame is die-cast aluminum. Combination mounting arm/driver enclosure on side mount versions is die-cast with integral ribs for heat dissipation. Access cover and support arms for post top versions are die-cast aluminum.

HOUSING TOP CAP: Removable spun aluminum cap/post top driver enclosure is retained by captive stainless steel fasteners and safety cables. Housing and top cap interface is sealed with a one-piece extruded silicone gasket. Tool-less entry option is available.

SEALED OPTICAL UNIT - Lens is clear, flat tempered glass, sealed to aluminum optics housing. Pressure stabilizing breather allows super-tight protection while preventing temperature cycling from building up internal pressures and vacuums that can stress optical unit seals and components.

FASTENERS: All exposed fasteners are black oxide coated stainless steel. Internal fasteners are stainless steel or zinc electro-plated steel.

ELECTRICAL - A terminal block for attachment of incoming primary wiring is supplied. Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C. Available with universal voltage power supply 120-277VAC (50/60Hz input), 347VAC and 480VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified).

DRIVER - Available in 350mA and 450mA drive currents (Drive currents are factory programmed). State-of-the-art driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Components are fully encased in potting material for IP68 moisture resistance. Driver complies with IEC and FCC standards.

OPERATING TEMPERATURE - -40ºC to +50ºC (-40ºF to +122ºF).

FINISH: Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, graphite, satin verde green, metallic silver and white.

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

PHOTOMETRICS - Application layouts are available upon request. Contact LSI Applications Group at lighting.apps@lsi-industries.com

LISTING - Listed to U.S. and Canadian safety standards. Suitable for wet locations.

LIGHT OUTPUT - XENM3							
	# of LEDS		Lumens (Nominal)				Watts
			Type 2	Type 3	Type FT	Type 5	
Arm Mount 350 mA	63		5535	4925	5710	4530	75
Arm Mount 450 mA	63		6335	5555	6385	5070	98
Post Top 350 mA	63		5015	4180	5125	4120	75
Post Top 450 mA	63		6125	5250	6345	5025	98

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.

ARRA Funding Compliant

American Innovation American Made

IP65

ETL US c LISTED us Intertek

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A Company with a Smart Vision

Project Name _____   Fixture Type _____

Catalog # _____

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE:	XENM3 PT 5 LED 63 450 CW UE MSV PCI120

| Prefix	Mounting Style	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Finish	Options
XENM3	PT - Post Top SA4 - Side Arm Mount for 4" Poles[1] SA5 - Side Arm Mount for 5" Poles[1]	2 - Type II 3 - Type III FT - Forward Throw 5 - Type V	LED	63	350 - 350 mA 450 - 450 mA	CW- Cool White (5800°K nom.)	UE - Universal Electronic (120-277V 50/60Hz) 347-480	BRZ – Bronze BLK – Black PLP – Platinum Plus WHT – White SVG - Satin Verde Green GPT - Graphite MSV - Metallic Silver	**Button Type Photocells** PCI120 - 120v PCHV208-277 - 208-277v PCI347 - 347v TE - Tool-less Entry **Accessories** SPA - Square Pole Adaptor (SA only) WM - Wall Mount (PT only) SAWM - Side Arm Wall Mount (SA4 or SA5) BK MPT BO4 - Medium Bolt on Bracket (for PT 180) For 4" Dia. Round Poles[1,2] BK MPT BO5 - Medium Bolt on Bracket (for PT 180) For 5" Dia. Round Poles[1,2]

FOOTNOTES:

1- For correct mounting, order poles with 3" reduced drilling pattern.

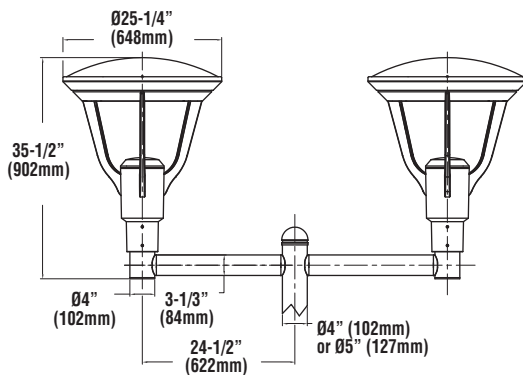2- For PT mounting configurations other than D180, consult factory. Order one bracket per fixture.
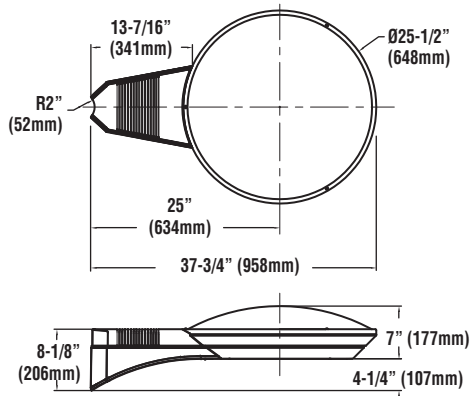
Side Arm Pole Mount
(select 3" reduced drilling pattern)
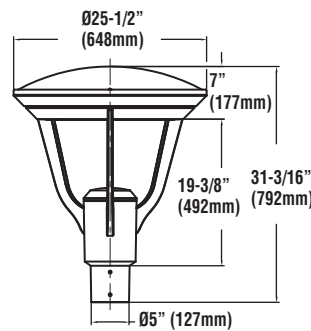
Post Top
Slipfits 4" Dia. Tenon (4N) or Pole
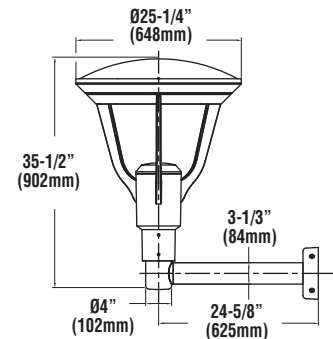
Post Top with WM Accessory

Post Top with BK MPT BO (x2)
Mounts to 4" or 5" Dia. D180 Bolt-on Pole
(select 3" reduced drilling pattern)

LUMINAIRE EPA CHART - Crossover Enterprise

		MOUNTING STYLE	
■	PT Single	PT	1.0
■-■-■	PT D180°	PT	2.0
■	Single	SA	1.0
■- ■	D180°	SA	2.1
	D90°	SA	1.8
	T90°	SA	2.7
	T120°	SA	2.8
	Q90°	SA	3.5

SHIPPING WEIGHTS - Crossover Enterprise

Catalog Number	Est. Weight (kg/lbs.)
XENM3 (PT or SA)	29/64

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Project Name _____

Catalog # _____

Fixture Type _____