

LED PARKING GARAGE LIGHT (XPG3)

US patent D603081 & D611188 & 7828456 and US & Int'l. patents pending



SMARTTEC™ ENERGY SAVING FEATURES:

THERMAL CONTROL - Sensors in both the 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 recommended operating temperature is reached.

OCCUPANCY SENSING (IMS) - Optional internal passive infrared motion sensor activated switching of luminaire light levels. High level light is activated when automobile or passerby enters sensor target zone. High light level is increased to full bright in 1-2 seconds upon detection. Low light level (30% of maximum drive current) is activated when target zone is absent of motion activity for ~ 2 minutes. Upon inactivity, light level is gradually ramped down (10-15 sec.) to low level to allow eyes time to adjust. Two sensor detection optics are available. The wide optic has a coverage range of 40 feet diameter at mounting heights of 8 feet to 12 feet. The narrow optic has a coverage range of 20 feet diameter at a mounting height of 8 feet to 12 feet.

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 - Two LED array choices; 50 and 68. Each feature high brightness, high performance LEDs; available in two color choices; cool white (5300°K) or neutral white (4100°K), 70 CRI nominal.

DRIVER CURRENT OPTIONS - Available in 350mA, 450mA or 550mA drive currents.

DISTRIBUTION/PERFORMANCE - Designed for non-enclosed parking garage applications. Ultra-high efficiency reflectors provide solid performance for typical spacings and heights, exceptional uniformity with vertical illumination and full cutoff. Ideal when maximum spacing is desired without sacrificing desired lumen levels. Meets RP20 recommendations while delivering unique control of distribution to minimize glare.

HOUSING/OPTICAL UNIT - The XPG3 features a slim 7-1/8" profile. Housing is die-formed aluminum with a gasketed clear flat tempered glass lens providing a water-resistant seal. Weather-tight aluminum enclosure contains factory prewired driver to ensure no water entry and to eliminate need to open fixture completely. Optical unit is IP67 rated.

MOUNTING - Standard mounting is rigid 3/4" pendant mount or direct surface mount to 4" (102mm) octagon box (box by others). Pendant and direct mount standard with 48" leads and 8" leads respectively. Direct mount features standard quick mount plate with elongated key hole slots to allow alignment of fixtures.

ELECTRICAL - Universal voltage power supply (120-277 VAC, 50/60 Hz). Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C. Emergency LED battery back-up/driver operates 10 LEDs for a minimum of 90 minutes when primary AC power failure occurs.

DRIVER - Proprietary, state-of-the-art SmartTec driver technology designed specifically for LSI LED light sources provides unsurpassed system efficiency. Driver will operate with input of 120V thru 277V (50/60 Hz). Components are fully encased in potting material for IP68 moisture resistance. Driver complies with IEC and FCC standards.

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. DuraGrip withstands extreme weather changes without cracking or peeling. Guaranteed for five full years. Standard colors are white, black and metallic silver.

WARRANTY - Limited 5-year warranty.

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

SHIPPING WEIGHT - Standard fixture 21 lbs. (9.5 kg). Fixtures with battery back-up 28 lbs. (13 kg)

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

LIGHT OUTPUT - XPG3				
	# of LEDs	Lumens (Nominal)		Watts
		Type 5	Type S	
350 mA	50	4718	6187	56
	68	5814	7512	75
450 mA	50	5743	7606	73
	68	7082	9580	98
550 mA	50	6656	8952	90
	68	8397	10712	125

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



ARRA
Funding Compliant

Intertek
Suitable for wet locations

IP64

Not all versions of this product are CE certified.

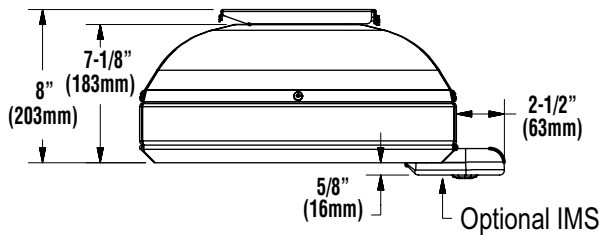
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PRODUCT ORDERING INFORMATION

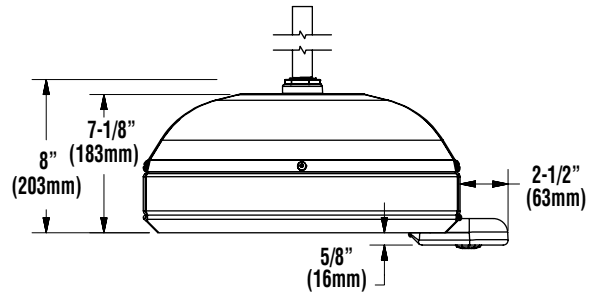
TYPICAL ORDER EXAMPLE: **XPG3P 5 LED 68 450 CW UE WHT**

Prefix	Distribution	Light Source	# of LED's	Drive Current	Color Temperature	Input Voltage	Finish	Options
XPG3D Direct Mount	5 - Type 5 S - Symmetric	LED	50 68	350 - 350mA 450 - 450mA 550 - 550mA	CW - Cool White (5300° K nom.) NW - Neutral White (4100° K nom.)	UE - Universal Electronic (120-277) 347 - 347 volt 480 - 480 volt	WHT - White BLK - Black MSV - Metallic Silver	BB - Battery Backup CWBB - Cold Weather BB IMSW - Integral Motion Sensor Wide
XPG3P Pendant Mount								ACCESSORIES
								BG - Bird Guard

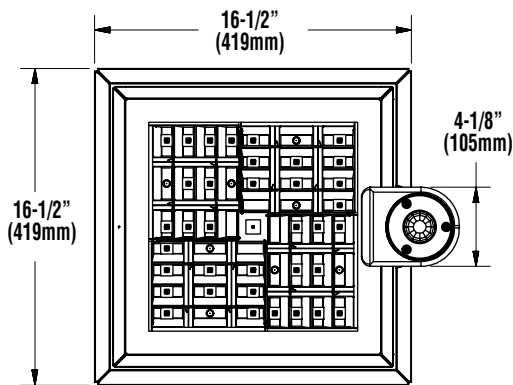
DIMENSIONS



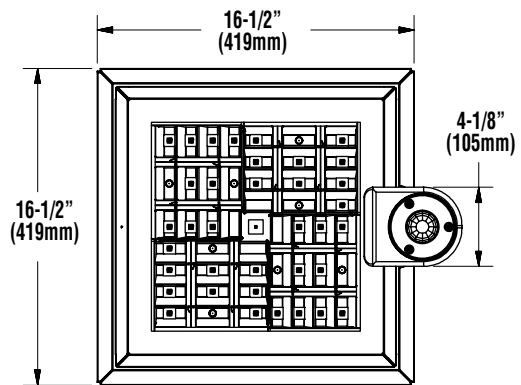
SIDE VIEW



SIDE VIEW



BOTTOM VIEW



BOTTOM VIEW