

# LED LINEAR PARKING GARAGE (XLPG)



## 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 - XLPG				
	HO	Lumens	Watts	LPW
Diffused Lens	5000K	9925	79	123
	4000K	8520	79	105
	3500K	8220	79	101
Clear Lens	5000K	10,170	79	125
	4000K	8730	79	107
	3500K	8430	79	104
	SS			
Diffused Lens	5000K	6965	57	118
	4000K	6230	57	107
	3500K	5900	57	101

LED Chips are frequently updated therefore values may increase.

**HOUSING** – High impact resistant, reinforced polyester, fiberglass housing. IP67, Vaportight design is available in 4' lengths.

**LENS** – Standard injection molded optically diffused lens, with impact resistant acrylic for strength, secured by 8 locking polycarbonate latches. Optional clear lens is available. Additional choices of stainless steel or Tamper resistant latches are also available.

**GASKET** – A continuous, compressible, non toxic, fire-retardant closed cell neoprene gasket is used. It provides a uniform width and thickness for a tight IP67 seal between the housing and lens.

**GEAR TRAY** – Components are mounted to a code-gauge, die-formed steel tray.

**BREATHER** – Features special breather design in the housing to prevent internal pressures and vacuums to ensure long-life seal and component integrity.

**LEDS** – Features a choice of an array of select, mid-power, high brightness, high efficiency LED chips; Cool White (5000K) color temperature, 70 CRI or Neutral White (4000K) color temperature, 80 CRI or Warm White (3500K) color temperature, 80 CRI.

**OPTICS / DISTRIBUTION** – High performance distribution provides excellent uniformity and meets IES RP-20 and IES G-1.

**INTEGRAL DUAL SENSOR (IDS)** – Optional integral dual microwave sensor activates switching of luminaire light levels, based upon factory programmed specifications of motion and or light levels. High level light is activated and increased to full bright in 1-2 seconds of signal receipt. Low light level (choice of 30% maximum drive current or "off") is activated when target zone is absent of motion activity or sufficient light level, for ~ 2 minutes and ramps down (10-15 seconds) to low level to allow eyes time to adjust.

**ENERGY SAVING CONTROL OPTIONS** – (DIM) – 0-10 volt dimming enabled with controls. (BLS) – Bi-level switching responds to external line voltage signal from separate 120 – 277v controller or sensor, with low light level decreased to 30% maximum drive current.

**DRIVER**– Available in SS (Super Saver) and HO (High Output) drive currents. State-of-the-art driver technology superior energy-efficiency and optimum light output. Driver is IP66 rated, for moisture resistance. Complies with IEC and FCC standards. Surge protected at 10KV. 0-10v dimming drivers are supplied as standard.

**OPERATING TEMPERATURE** - 30°C to 35°C (-22°F to 95°F)

**ELECTRICAL** – Universal voltage power supply, 120-277 VAC, 50/60 HZ input. All devices are UL/CUL listed. Optional emergency pack, cords and conduits are available. Meets IEEE C62.41.2-2002, Scenario 1, Location Category C.

**FINISH** – All metal parts painted after fabrication following treatment with phosphate rust inhibitor. Interior housing reflective surfaces are finished with white, high reflectance (minimum 92%) polyester powder.

**MOUNTING** – Designed for standard surface mounting. Optional heavy duty mounting bracket available for vandal prone areas. Designed to be installed without opening.

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

**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)** - 17 lbs. (7.7 Kg)

**LISTING** - UL listed to UL 1598, UL8750 and other U.S. and International safety standards. Suitable for wet locations. 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).

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



IP67 NSF



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

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## LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XLPG LED HO CW UE WHT HMB HUB 6FCT**

Prefix	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Option Controls	Optional Sensor/Options
XLPG LED Linear Parking Garage	LED	HO - High Output SS - Super Saver	CW - Cool White (5000K) NW - Neutral White (4000K) WW - Warm White (3500K)	UE - Universal Voltage (120-277V) 347 - 347V	WHT - White	<b>Wireless Control System</b> <sup>1, 2</sup> (blank) - None PCM - Platinum Control System PCH - Host / Satellite Platinum Control System GCM - Gold Control System GCH - Host / Satellite Gold Control System <sup>3</sup> DIM - 0-10 volt dimming (Required for satellite fixtures)  <b>Stand-Alone Control</b> (blank) - None BLS - Bi-Level Switch (30%) <sup>4, 5</sup> (from external signal - required 120-277v controls system voltage) DIM - 0-10 volt dimming <sup>4, 6</sup> (from external signal)	<b>Sensor</b> IDS0 - Integral Motion / Light Sensor <sup>7, 8</sup> Sensor (Turns Off) IDS30 - Integral Motion / Light Sensor <sup>7, 8</sup> Sensor (Dims to 30%) OCS - Occupancy Sensor (damp) OCWL - Occupancy Sensor (Wet)  <b>Options</b> CLR - Clear Lens EM - Emergency Pack <sup>9</sup> SL - Stainless Steel Latches TP - Tamper Resistant Latches & Screws HUB - 3/4 NPT threaded hub installed Centerback <sup>10</sup> HMB - Heavy Duty Mounting Brackets 6FCT - 6' Flex Conduit - Top Mount (wet location) <sup>11</sup> 6FCE - 6' Flex Conduit - End Mount (wet location) <sup>11</sup> 6CT - 6' Cord - Top Mount (damp location) <sup>12</sup> 6CE - 6' Cord - End Mount (damp location) <sup>12</sup>

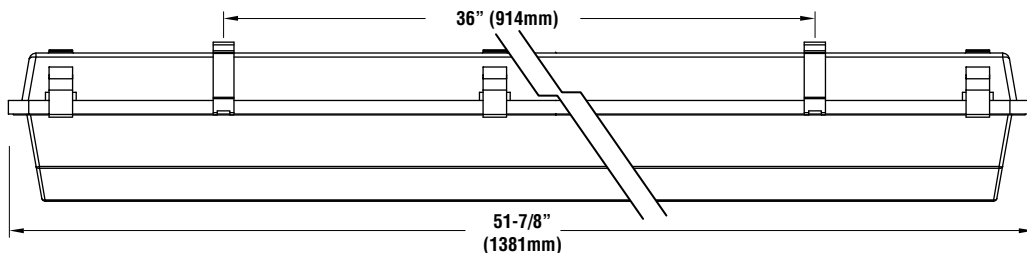
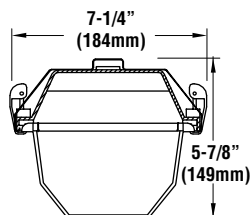
### FOOTNOTES:

- 1 - For wireless controls information and accessories, see Controls section.
- 2 - Requires a SiteManager and override switch. Not compatible with BLS or IMS option.
- 3 - Consult for available configurations.
- 4 - DIM and BLS cannot be ordered together.
- 5 - Not compatible with wireless controls system, DIM, IDS, OCS or OCWL.
- 6 - Not compatible with wireless controls system, BLS, IDS, OCS or OCWL.
- 7 - Not compatible with wireless controls system, BLS, OCS or OCWL.
- 8 - IDS is an Integral Dual Sensor which provides both motion & light level reading in one sensor. IDS0 - turns the fixture on/off. IDS30 - dims the fixture down to 30% of max power.
- 9 - EM has limited operating temperature of 0oC, minimum.
- 10 - HUB not designed for mounting via single pendant. Only designed for retrofit applications with 3/4" IP stem.
- 11 - Consult factory for other configurations.
- 12 - Not available with wireless controls system.
- 13 - Diffused Lens reduces Light Output, Consult Factory.

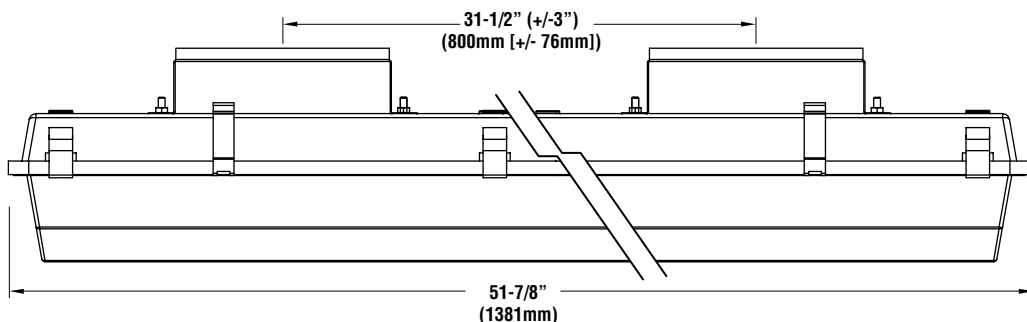
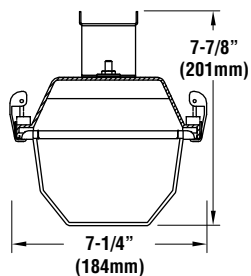
### REPLACEMENT PARTS ORDERING INFORMATION (field installed)

Description	Order Number
Surface Mounting Bkts (Pair)	M15212
Diffused Lens <sup>13</sup>	504417
Clear Lens	404733

### DIMENSIONS



### HMB Option



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

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