



# LIGHTPLANE 2 UP+UNDER

## LP2UU | SUSPENDED, WALL

### STANDARD SIZES

2" Aperture  
Configurable in linear shapes and straight run sections

### LAMPING

LED - Direct & Indirect - 80/90 CRI - 3000K/3500K/4000K  
Output Options: LOW/MED/HI/DECOR/Tunable White/RGB/RGB+W  
Dimming down to 0%

### FINISH

Aluminum, White, Black, Silver, Brass, RAL Classic Colors

### CONSTRUCTION

Industrial Strength Extruded 6061 Aluminum





# PRODUCT SUBMITTAL WORKSHEET

## SAMPLE PRODUCT CODE

**LP2UUS – SQ5 – HI/90/3500 – 0/10V/1% – EXT/R – MED/90/3500 – 0/10V/1% – EXT/R – WH – UNV – EMC/1 – PH/3 – COMBO – SB**

1      2      3      4      5      6      7      8      9      10      11A      11B      11c

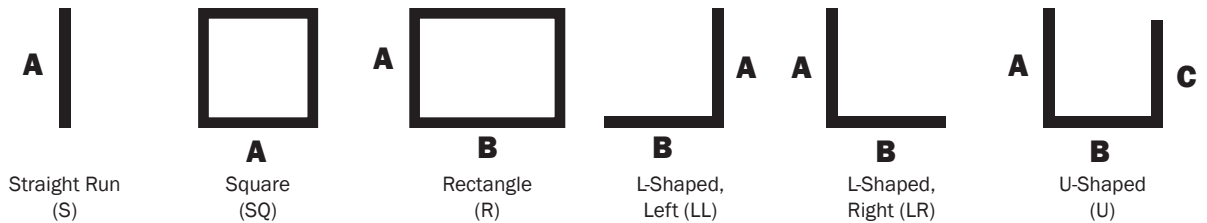
### 1. BASE MODEL (CHOOSE ONE)

- LP2UUS**    QS Suspended, Direct & Indirect
- LP2UUW**    QS Wall, Direct & Indirect

### 2. SHAPE/LENGTH (CHOOSE ONE & ENTER LENGTH IN FEET – FOR CUSTOM ANGLES, CONTACT ALW)

- S\_\_**      QS Individual/Straight Run Section (enter length, ex. S5)
- SQ\_\_**    QS Square Configuration (enter side length A, ex: SQ5)
- R\_ \_**    QS Rectangular Configuration (enter side lengths A and B, ex. R5-7)
- LL\_ \_**    QS L-Shaped, Left Configuration (enter side lengths A and B, ex. LL5-7)
- LR\_ \_**    QS L-Shaped, Right Configuration (enter side lengths A and B, ex. LR5-7)
- U\_ \_ \_**    QS U-Shaped Configuration (enter side lengths A, B, and C, ex. U5-7-4)

\*Lengths are nominal and may vary based on lamping and other specification selections. Consult ALW when exact lengths are required.



### 3. LED LAMPING – DIRECT (CHOOSE NONE OR ONE UNDER A, B, & C, AS NECESSARY)

- N**      None. Select when direct lamping is not desired.

#### A. OUTPUT<sup>1</sup>

- QS LOW**
- QS MED**
- QS HI**
- QS DECOR**
- QS TUNE**
- RGB**
- RGBW** (80CRI, 4000K White)

#### B. CRI<sup>2</sup>

- QS 80**
- 90**

#### C. CCT<sup>3</sup>

- QS 3000K**
- QS 3500K**
- QS 4000K**

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 6 for complete details.		Up to 87 lm/W

<sup>1</sup>Cannot specify HI for both direct and indirect lamping due to heat considerations. Other combinations (e.g. HI/MED or HI/LOW) are available.

<sup>2</sup>CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping.

<sup>3</sup>CCT not applicable for TUNE, RGB, or RGBW lamping.

QS = QuickShip-qualifying option. For the entire luminaire configuration to be QuickShip-eligible, ALL options specified in the configuration must be ones notated with "QS". NOTE: Maximum 800 ft. of QuickShip-eligible product per order.

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**4. DRIVER – DIRECT** (CHOOSE ONE)

- N** QS None. *Select when direct lamping is not desired.*
- 0/10V/S** QS 0-10V dimming down to 5% (Standard Dimming – Down to 10% for DECOR and TUNE lamping)
- 0/10V/1%** 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DALI** DALI flicker-free dimming down to 0%
- DMX** QS DMX flicker-free dimming down to 0% (Recommended for RGB or RGBW lamping)
- ECOSYS1** Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current (Compatible only with LOW, MED, and HI lamping)

*\*Driver specifications provided upon request to assist with control system integration.*

**5. LENS – DIRECT**

- EXT/R** QS Extra diffuse, reveal

**6. LED LAMPING – INDIRECT** (CHOOSE NONE OR ONE UNDER A, B, & C, AS NECESSARY)

- N** None. *Select when indirect lamping is not desired.*

**A. OUTPUT<sup>4</sup>**

**B. CRI<sup>5</sup>**

**C. CCT<sup>6</sup>**

- QS LOW**
- QS 80**
- QS 3000K**
- QS MED**
- 90**
- QS 3500K**
- QS HI**
- QS 4000K**
- DECOR**
- TUNE**
- RGB**
- RGBW** (80CRI, 4000K White)

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 6 for complete details.		Up to 87 lm/W

*<sup>4</sup>Cannot specify HI for both direct and indirect lamping due to heat considerations. Other combinations (e.g. HI/MED or HI/LOW) are available.*

*<sup>5</sup>CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping.*

*<sup>6</sup>CCT not applicable for TUNE, RGB, or RGBW lamping.*

**7. DRIVER – INDIRECT** (CHOOSE ONE)

- N** QS None. *Choose when indirect lamping is not desired.*
- 0/10V/S** QS 0-10V dimming down to 5% (Standard Dimming – Down to 10% for DECOR and TUNE lamping)
- 0/10V/1%** QS 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DALI** DALI flicker-free dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Recommended for RGB or RGBW lamping)
- ECOSYS1** QS Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current (Compatible only with LOW, MED, and HI lamping)

*\*Driver specifications provided upon request to assist with control system integration.*

**8. LENS – INDIRECT**


- EXT/R** QS Extra diffuse, reveal

QS = QuickShip-qualifying option. For the entire luminaire configuration to be QuickShip-eligible, ALL options specified in the configuration must be ones notated with "QS". NOTE: Maximum 800 ft. of QuickShip-eligible product per order.

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## 9. FINISH (CHOOSE ONE)

- AL** **QS** Natural Anodized Aluminum (Standard Finish)
- BK** **QS** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** **QS** White Powder Coat
- WH/AM**  White Antimicrobial Powder Coat (for healthcare environments)
- RAL\_\_\_\_\_** Specify RAL Classic Color code (ex: RAL3003) [ralcolorchart.com/ral-classic](http://ralcolorchart.com/ral-classic)

## 10. VOLTAGE (CHOOSE ONE)

- UNV** **QS** Universal Voltage (120VAC-277VAC)
- 347** 347 Volt (Driver options may be limited)

## 11. ADDITIONAL OPTIONS (OPTIONAL – CHOOSE ONE UNDER A & B, AND ANY UNDER C, IF DESIRED)

### A. EMERGENCY OPTIONS

- EMB/\_\_\_<sup>7</sup>** **QS** Emergency Battery (indicate quantity – each battery powers 4ft)
- EMC/\_\_\_<sup>7</sup>** **QS** Emergency Circuit (indicate quantity of 4ft sections to be illuminated by emergency circuit)

<sup>7</sup>For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for available options.

### B. SENSOR OPTIONS (COMPATIBLE ONLY WITH 0-10V DRIVERS – DEFAULT QUANTITY IS 1 SENSOR PER 8FT, INDICATE ALTERNATE QUANTITY IF DESIRED)

- ENLGH/\_\_\_<sup>8</sup>** **QS** Enlighted® remote smart sensor (occupancy, daylight, networking, and more)
- OS/\_\_\_** 0-10V remote occupancy sensor
- PH/\_\_\_** 0-10V remote photocell/daylight sensor

<sup>8</sup>Enlighted® Gateway and Energy Manager (by others) plus programming required. Learn more at [enlightedinc.com](http://enlightedinc.com).

### C. ADDITIONAL OPTIONS (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

- COMBO** **QS** Combination 4.5" canopies at power feed locations to accommodate both power cord and suspension mount hardware.
- SB** **QS** Seismic Bracing

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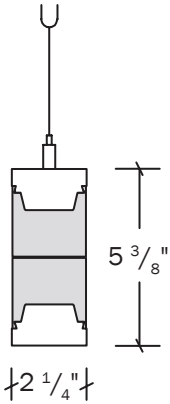
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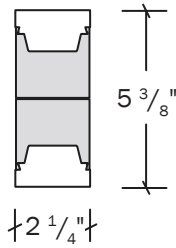
## MECHANICAL DIAGRAMS

### SUSPENDED

Suspended mounting can be specified with direct, indirect, or both direct and indirect lighting.



**LP2UUS**  
SUSPENDED MOUNT



**LP2UW**  
WALL MOUNT

## LAMPING OPTIONS

LED Lamping limitations exist due to heat. Please follow these guidelines when specifying.

		Indirect			
		NONE	LOW	MED	HI
Direct	NONE	x	✓	✓	✓
	LOW	✓	✓	✓	✓
	MED	✓	✓	✓	✓
	HI	✓	✓	✓	x



## PERFORMANCE DETAILS – DIRECT OR INDIRECT LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
<b>LOW<sup>9</sup></b>	619	7.1	87	80 90	3000K 3500K 4000K
<b>MED<sup>9</sup></b>	844	10.1	84		
<b>HI<sup>9</sup></b>	1144	14.4	79		
<b>DECOR<sup>9</sup></b>	286	5.9	48	N/A	2700K-5700K
<b>TUNE<sup>10,11</sup></b>	651	8	81		
<b>RGB<sup>11</sup></b>	Color-Changing RGB	5	N/A		80
<b>RGBW<sup>11</sup></b>	Color-Changing RGB + 4000K White	5		4000K	

<sup>9</sup>Performance calculations are based on 80 CRI and 4000K. Calculations are extrapolated values.

<sup>10</sup>Performance calculations are extrapolated maximum estimates for mid-range CCTs. Cooler and warmer CCTs will provide lower delivered lumens (i.e. lower lm/W, higher W/lf).

<sup>11</sup>DMX driver recommended; controller not included.

## SUSPENSION MOUNTING



### CEILING HARDWARE

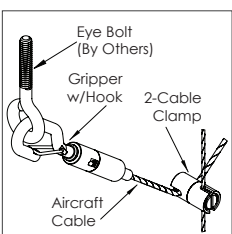
- (1) 4.5" canopy per power feed location,
- (1) bullet mount,
- (1) 8' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



### COMBO CANOPY

Choose option COMBO to specify 4.5" canopies at feed locations with power feed and aircraft cable suspension mounting.

Canopy finish is always white. Contact ALW for alternate colors.



### SEISMIC BRACING

Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point.

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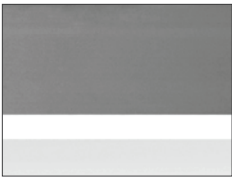
## ADDITIONAL OPTIONS & SPECIFICATIONS

### LED PERFORMANCE

For standard MIN-MAX lampings:  $L_{70} > 54,000$  hours.  
Luminous flux +/- 5%.

### LENS

Extruded, twin-layered, high-impact acrylic. EXT is white and extra diffuse with minimal- to no-source visibility.



REVEAL LENS – EXT/R

### HOUSING

100% recyclable, extruded architectural grade 6063 aluminum with a 0.09" minimum wall thickness.

### SAFETY & REGULATORY

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.  
Conforms to UL std. 1598, Luminaires.  
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

### OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -4 °F to 122 °F (-20 °C to 50 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

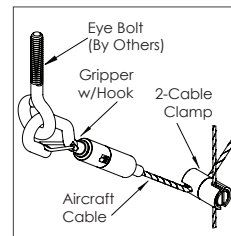
### WARRANTY

Limited 5-year warranty. Details: [alwusa.com/warranty](http://alwusa.com/warranty)

### SENSOR OPTIONS

Optional, occupancy detection (OS) and/or daylight harvesting (PS) sensor available. Or upgrade to an optional Enlighted® Smart Sensor (ENLGHT) for additional capabilities. Contact ALW for details.

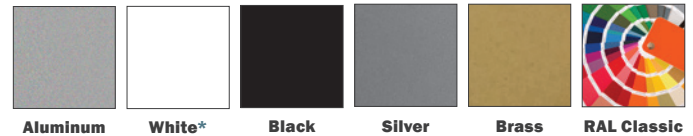
### SEISMIC BRACING



Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point.

### FINISH

Standard finish is "Ultimate" aluminum — a smooth, clean, and durable finish achieved from a deep etch and two-step clear anodizing process. Other options are shown below.



\*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.