



# LIGHTPLANE 9

## LP9 | SUSPENDED, WALL

### STANDARD SIZES

Virtually unlimited combinations of Linear and Downlight Lamping  
Configurable in linear shapes and straight run sections

### LAMPING

LED - Linear Direct & Downlight - 3000K/3500K/4000K  
Downlight Output: 800-4000 lumen options (80-90+ CRI)  
Linear Lamping Output Options: LOW/MED/HI (80 CRI)  
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

**LP9S – U5-8-10 – DL800/3500/25 – HEXSNT – 0/10V/1% – 6 – G/MED/3500 – 0/10V/1% – G2/1-G3/3-G4/1 – AL – UNV – EMC/2 – OS/3 –**

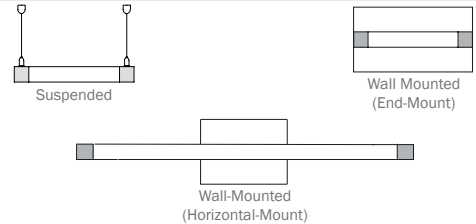
**COMBO – SB**  
12c

### 1. BASE MODEL (CHOOSE ONE)

- LP9S** Suspended
- LP9SM1<sup>1</sup>** Suspended, single Mono 1-head unit, (8.25" x 8.25" w/ remote driver)
- LP9WE1<sup>1</sup>** Wall, End-Mount, single Mono 1-head unit, (14.5" w/ integral driver)
- LP9WE2<sup>2</sup>** Wall, End-Mount, multiple heads
- LP9WH** Wall, Horizontal-Mount

<sup>1</sup>For single Mono 1-head units, SKIP Sections 2 and 5.

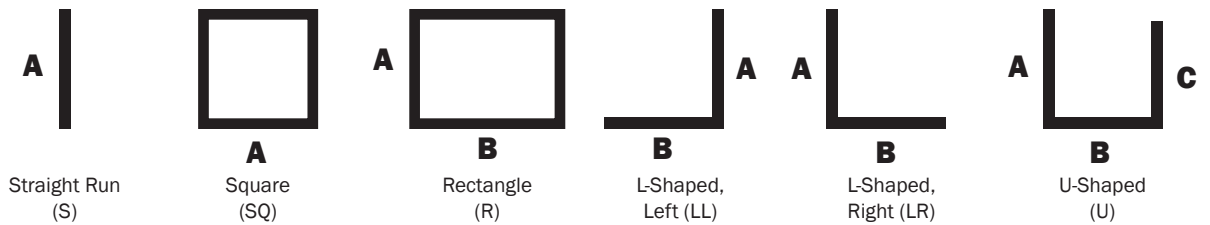
<sup>2</sup>Structural tie-backs to wall may be required, consult ALW for more information.



### 2. SHAPE/LENGTH (CHOOSE ONE & ENTER LENGTH IN FEET – SKIP FOR LP9SM1 AND LP9WE1 – FOR CUSTOM ANGLES, CONTACT ALW)

- S\_\_** Individual/Straight Run Section (enter length, ex. S5)
- SQ\_\_** Square Configuration (enter side length A, ex: SQ5)
- R\_ \_** Rectangular Configuration (enter side lengths A and B, ex. R5-7)
- LL\_ \_** L-Shaped, Left Configuration (enter side lengths A and B, ex. LL5-7)
- LR\_ \_** L-Shaped, Right Configuration (enter side lengths A and B, ex. LR5-7)
- U\_ \_ \_** 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. ACCENT – DOWNLIGHT (CHOOSE NONE OR ONE UNDER A, C, & D)

- N** None. Select when accent downlight lamping is not desired.

#### A. SPOT

- DL800**
- DL1000**
- DL1500**
- DL1800**
- DL2200**
- DL2600**
- DL2900**
- DL3300**
- DL3500**
- DL4000**

#### B. CRI

- 80**

#### C. CCT

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

#### D. BEAM SPREAD

- 25**
- 40**

DELIVERED LUMENS (LM)	WATTS (W)	EFFICACY (LM/W)
See page 6 for complete details.		Up to 167 lm/W

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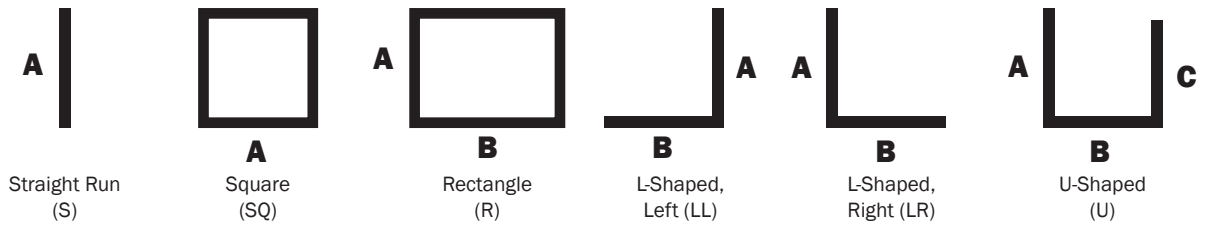
**4. ACCESSORY — ACCENT DOWNLIGHT** (CHOOSE ONE)

- N** None
- HEX** Hexcell Louver
- SNT** Snoot
- HEXSNT** Both Hexcell louver and Snoot



**5. QUANTITY — ACCENT DOWNLIGHT** (CHOOSE ONE — SKIP FOR LP9SM1 AND LP9WE1)

- N** None
- Enter total quantity of downlights, calculated below. (Maximum 1x per linear foot of run length)  
Specify quantity per dimension based upon chosen configuration A: \_\_\_\_\_ B:\_\_\_\_\_ C:\_\_\_\_\_, and add together.  
*Note: for SQ sections, multiply quantity by 4, and for R, multiply by 2 for total.*



**6. DRIVER — ACCENT DOWNLIGHT** (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 5% (Standard Dimming)
- 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** DMX flicker-free dimming down to 0%
- ECOSYS1** Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current

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

**7. LED ILLUMINATED PANEL** (CHOOSE ONE UNDER A, B, & C, AS NECESSARY)

- |   |                                     |                                       |
|---|-------------------------------------|---------------------------------------|
| <b>A. MODEL</b>                                 | <b>B. OUTPUT</b>                    | <b>C. CCT</b>                         |
| <input type="checkbox"/> <b>NONE</b>            | <input type="checkbox"/> <b>LOW</b> | <input type="checkbox"/> <b>3000K</b> |
| <input type="checkbox"/> <b>G</b> (Illuminated) | <input type="checkbox"/> <b>MED</b> | <input type="checkbox"/> <b>3500K</b> |
|   | <input type="checkbox"/> <b>HI</b>  | <input type="checkbox"/> <b>4000K</b> |

DELIVERED LUMENS (LM)	WATTS (W)	EFFICACY (LM/W)
See page 6 for complete details.		Up to 98 lm/W

**8. DRIVER — ILLUMINATED PANEL** (CHOOSE ONE)

- N** None. *Select when Illuminated Panel is not desired.*
- 0/10V/S** 0-10V dimming down to 5% (Standard Dimming)
- 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** DMX flicker-free dimming down to 0%
- ECOSYS1** Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
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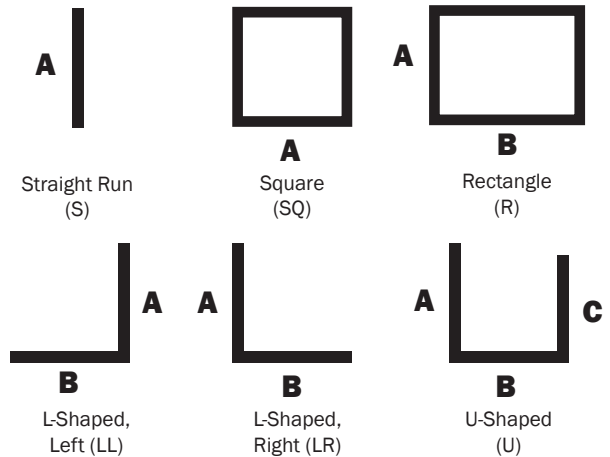


**9. QUANTITY – ILLUMINATED PANEL** (CHOOSE ONE)

- N** None
- \_\_\_\_\_ Use the table below to indicate quantity of illuminated panels per dimension. (NOTE: Ensure illuminated length does not exceed available run length, each downlight requires at least 1 foot of run length).

DIMENSION	QTY OF 2FT	QTY OF 3FT	QTY OF 4FT
A			
B			
C			
<b>TOTAL:</b>	G2/____ -	G3/____ -	G4/____

Note: for SQ sections, multiply quantity by 4, and for R, multiply by 2 for total.



**10. FINISH** (CHOOSE ONE)

- AL** Natural Anodized Aluminum (Standard Finish)
- BK** Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** 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)

**11. VOLTAGE** (CHOOSE ONE)

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

**12. ADDITIONAL OPTIONS** (OPTIONAL – CHOOSE ONE UNDER A, B, & C, IF DESIRED)

**A. EMERGENCY OPTIONS**

- EMB/\_\_\_<sup>3</sup>** Emergency Battery (1 EMB supplied for 1 accent downlight, per fixture)
- EMC/\_\_\_<sup>3</sup>** Emergency Circuit (Indicate quantity of Downlights to add to emergency circuit)

<sup>3</sup>Consult ALW for more details.

**B. SENSOR OPTIONS** (COMPATIBLE ONLY WITH 0-10V DRIVERS – QUANTITY AUTOMATICALLY CALCULATED AS (1) PER 8FT)

- ENLGT<sup>4</sup>** Enlighted® remote smart sensor (occupancy, daylight, networking, and more) – Compatible with LP9SM1, LP9WE1
- ENLGT/INT<sup>4</sup>** Enlighted® integral smart sensor (occupancy, daylight, networking, and more) – Compatible with LP9S, LP9WE2, LP9WH
- OS** 0-10V remote occupancy sensor
- PH** 0-10V remote photocell/daylight sensor

<sup>4</sup>Enlighted® Gateway and Energy Manager (by others) plus programming required. Learn more at [enlightedinc.com](http://enlightedinc.com).

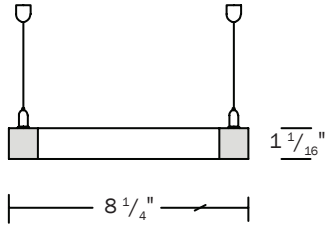
**C. ADDITIONAL OPTIONS** (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

- COMBO** Combination 4.5" canopy at power feed locations to accommodate both power cord & suspension mounting hardware.
- SB** Seismic Bracing

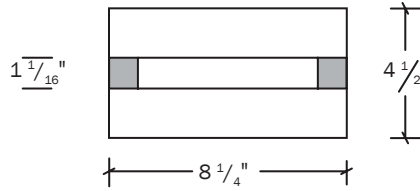
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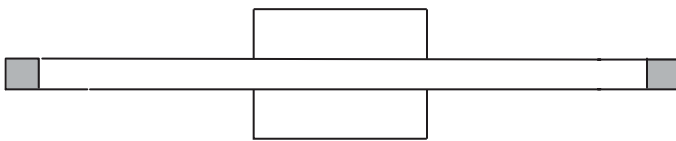
## MECHANICAL DIAGRAMS – MOUNTING & DIMENSIONS



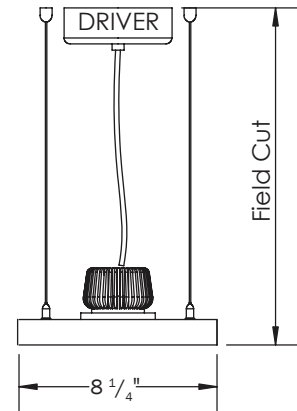
**SUSPENDED**



**WALL MOUNTED (END MOUNT)**



**WALL MOUNTED (HORIZONTAL MOUNT)**



**SUSPENDED MONO (LP9SM1)**

## SUSPENSION



### CEILING HARDWARE

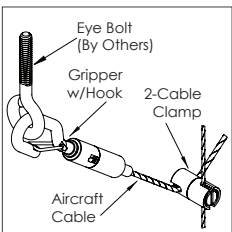
- (1) 4.5" canopy per power feed location,
- (1) bullet mount,
- (1) 8' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



### 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.



## PERFORMANCE DETAILS – ACCENT/DOWNLIGHT LAMPING

SPOT	DELIVERED LUMENS (LM)	WATTS (W)	EFFICACY (LM/W)	CRI	CCT OPTIONS	BEAM SPREAD OPTIONS (DEGREES)
DL800	800	4.8	167	80	3000K 3500K 4000K	25 40
DL1000	1000	6.1	164			
DL1500	1500	9.7	155			
DL1800	1800	18.3	95	90		
DL2200	2200	23.1	95			
DL2600	2600	28.4	90			
DL2900	2900	32.5	89			
DL3300	3300	38.7	84			
DL3500	3500	43.2	81			
DL4000	4000	51.2	78			



\*Performance calculations are based on 80 CRI/3500K for DL800-DL1500, and 90 CRI/3500K for DL1800-DL4000.

## PERFORMANCE DETAILS – ILLUMINATED PANEL (not available for LP9S1 and LP9WE1 Base Models)

ILLUMINATED PANEL (G)	DELIVERED LUMENS (LM)	WATTS (W)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
LOW	900	7	98	80	3000K 3500K 4000K
MED	1200	9	93		
HI	1500	14.5	87		

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## ADDITIONAL OPTIONS & SPECIFICATIONS

### ELECTRICAL PERFORMANCE

LED drivers are Class 2, Linear  $L_{70} > 54,000$  hours.  
80+ CRI. Luminous flux +/- 5%.

### LINEAR LENS

White opal acrylic with minimal- to no-source-visibility.

### HOUSING

100% recyclable, extruded architectural grade 6061 aluminum with a 0.08" minimum wall thickness.

### SAFETY & REGULATORY

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

*For Integral Driver:*

Conforms to UL std. 1598, Luminaires.

*For Remote Driver:*

Conforms to UL std. 2108, Low Voltage Luminaires / Low Voltage Lighting Systems.

### OPERATING CONDITIONS

Luminaire should be installed and operated ONLY in dry or damp locations 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

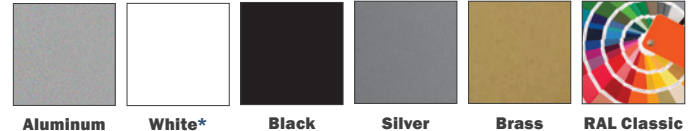
Limited 5-year warranty. Details: [alwusa.com/warranty](http://alwusa.com/warranty)

### 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.

### 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.