# LIGHTPLANE 9

## LP9 SUSPENDED, WALL

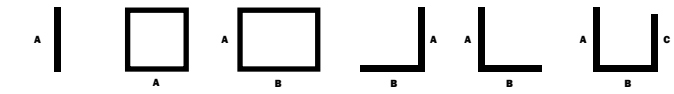
## SPECIFICATIONS

| | |
|---|---|
| **PROFILE** | 8.25" rail width |
| **SIZES** | Configurable in linear shapes and straight run sections |
| **LED OUTPUT** | Downlights: 800 - 4000lm/unit<br>Illuminated panels: 1100lm/ft |
| **CCT/CRI** | 3000K/3500K/4000K • 80 or 90+ CRI |
| **DIMMING/ DRIVER** | Integral and Remote Driver: 0-10V, DALI, DMX, eldoLED, Lutron®, PoE (Molex, Igor, NuLEDS). Dimming to 0% for select models. |
| **POWER** | Downlights: 5.1 - 37.7w/unit<br>Illuminated panels: 10.55 - 18.25w/ft |
| **INPUT** | 120VAC, 277VAC, or 347VAC |
| **OPTICS** | Lambertian distribution |
| **FINISHES** | 18 standard finishes at no extra charge<br>Custom finishes available |
| **MATERIAL** | 6061 Extruded Aluminum |
| **ENVIRONMENT** | Dry or damp locations |

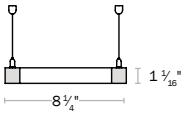
*Safety and Performance information available on last page.
Output and other specifications available on pages 6-7.

## DISTRIBUTIONS & PROFILES

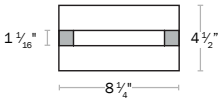
DIRECT LAMBERTIAN



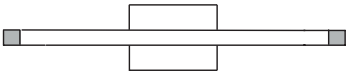

Straight Run (S) | Square (SQ) | Rectangle (R) | L-Shaped Left (LL) | L-Shaped Right (LR) | U-Shaped (U)



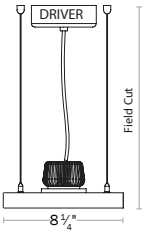

Suspended




Wall Mounted (End Mount)



Wall Mounted (Horizontal Mount)




Suspended MONO (LP9SM1)

*Not to scale. Dimensions are nominal. Consult factory for CAD drawing*

Rev 120622

ALW

# PRODUCT SPECIFICATION SHEET

| – | – | | | | – | – | – | – | – | | | – | – | – | – | – | – | – |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3a | 3b | 3c | 3d | 4 | 5 | 6 | 7a | 7b | 7c | 8 | 9 | 10 | 11 | 12a | 12b | 12c |

**EXAMPLE:** LP9S — SQ5 — DL800/90/3500/25 — HEX — 10 — V05 — G/HI/3500K — DMX — 4 — SW — UNV — EMB/10 — MLX — SB

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12a | 12b | 12c |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

## 1. BASE MODEL (CHOOSE 1)

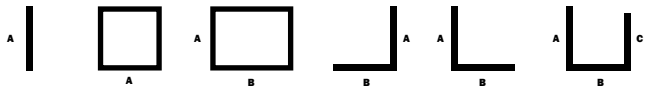
- ☐ **LP9S** Suspended
- ☐ **LP9SM1**[1] Suspended, single head unit,
- ☐ **LP9WM1** Wall, End-Mount, single head
- ☐ **LP9WE** Wall, End-Mount, multiple heads
- ☐ **LP9WH** Wall, Horizontal-Mount

[1] For single Mono 1-head units, SKIP Sections 2 and 5.
[2] Structural tie-backs to wall may be required, consult ALW for more information.

## 2. SHAPE/LENGTH (CHOOSE 1 & ENTER LENGTH IN FEET) - FOR CUSTOM ANGLES, CONTACT ALW

- ☐ **S__** Individual/Straight Run Section *(enter length in product code above, 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.
* Shape orientation (Looking from the Ceiling down to the floor).




(S) (SQ) (R) (LL) (LR) (U)

## 3. LED LAMPING* (CHOOSE 1 FOR EACH)

**A. SPOT***
- ☐ **DL800**
- ☐ **DL1000**
- ☐ **DL1500**
- ☐ **DL1800**
- ☐ **DL2200**
- ☐ **DL2600**
- ☐ **DL2900**
- ☐ **DL3300**
- ☐ **DL3500**
- ☐ **DL4000**

**B. CRI**
- ☐ **80**
- ☐ **90**

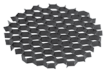
**C. CCT**
- ☐ **3000K**
- ☐ **3500K**
- ☐ **4000K**

**D. BEAM SPREAD**
- ☐ **25**
- ☐ **40**

*For delivered lumens and watts, see 'Performance Details'
*Spot from DL1800 to DL4000 in 90CRI only.

## 4. ACCESSORY — ACCENT DOWNLIGHT (CH. 1)

- ☐ **N** (None)
- ☐ **HEX** (Hexcell Louver)
- ☐ **SNT** (Snoot)
- ☐ **HEXSNT** (Hexcell Louver and Snoot)



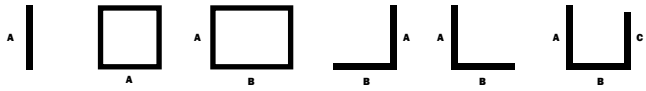
HEXCELL LOUVER

SNOOT

## 5. QUANTITY — ACCENT DOWNLIGHT (CHOOSE 1 — 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.

*Shape orientation (Looking from the Ceiling down to the floor)




(S) (SQ) (R) (LL) (LR) (U)

## 6. DRIVER[3] — ACCENT DOWNLIGHT (CHOOSE 1)

- ☐ **N** (None)
- ☐ **V00** (0-10V, dim to 0%)
- ☐ **V01** (0-10V, dim to 1%)
- ☐ **V05** (0-10V, dim to 5%)
- ☐ **LDE1** (Lutron ECOSYS1, 0-10V, dim to 1%)
- ☐ **DALI** (DALI, dim to 0%)
- ☐ **DMX** (DMX, dim to 0%)
- ☐ **POEM** (POE Molex)
- ☐ **POEI** (POE IGOR)
- ☐ **POEN** (POE Nuleds)
- ☐ **POE**[4] (POE Ready)

[3] See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility.
[4] Choose desired PoE solution not listed. Contact customer service to review and confirm the PoE system of your choice.

## 7. LED ILLUMINATED PANEL (CH. 1 FOR EACH)

**A. MODEL**
- ☐ **NONE**
- ☐ **G** (Illuminated)

**B. OUTPUT**
- ☐ **LOW**
- ☐ **MED**
- ☐ **HI**

**C. CCT**
- ☐ **3000K**
- ☐ **3500K**
- ☐ **4000K**

## 8. DRIVER[5] — ILLUMINATED PANEL (CHOOSE 1)

- ☐ **N** (None)
- ☐ **V00** (0-10V, dim to 0%)
- ☐ **V01** (0-10V, dim to 1%)
- ☐ **V05** (0-10V, dim to 5%)
- ☐ **LDE1** (Lutron ECOSYS1, 0-10V, dim to 1%)
- ☐ **DALI** (DALI, dim to 0%)
- ☐ **DMX** (DMX, dim to 0%)
- ☐ **POEM** (POE Molex)
- ☐ **POEI** (POE IGOR)
- ☐ **POEN** (POE Nuleds)
- ☐ **POE**[6] (POE Ready)

[5] See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility.
[6] Choose desired PoE solution not listed. Contact customer service to review and confirm the PoE system of your choice.

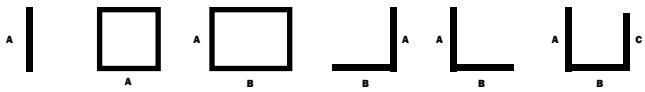
## 9. QUANTITY — ILLUMINATED PANEL (CHOOSE 1)

- ☐ **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 | | | |
| **TOTAL:** | G2/____ | G3/____ | G4/____ |

*Shape orientation (Looking from the Ceiling down to the floor)




(S) (SQ) (R) (LL) (LR) (U)

CONTINUES ON NEXT PAGE

## PRODUCT SPECIFICATION SHEET CONT'D

### 10. FINISHES (CHOOSE 1)

**BASIC POWDER COAT**

- ☐ **AL** Anodized Aluminum
- ☐ **SW** Satin White
- ☐ **SB** Satin Black
- ☐ **__** See page 5 for more standard finishes. Manually type in the finish code (Ex: OB)

**SPECIAL ORDER FINISHES***

- ☐ **RAL____** Specify RAL Classic Color (Ex: RAL 3003)
- ☐ **CAT____** Specify Catalog Colors
- ☐ **CCM____** Custom Color Match

* Manually type the finish code for special order finishes.

### 11. VOLTAGE (CHOOSE 1)

- ☐ **UNV** Universal Voltage (120VAC-277VAC)
- ☐ **347** 347 Volt
  *(Driver options may be limited. Not available with EMB)*

### 12A. EMERGENCY OPTIONS (OPTIONAL)

- ☐ **EMB/__**[7] Emergency Battery (indicate QTY — each battery powers 4ft. section @ 1492lm. Not available in 347 V)
- ☐ **EMC/__**[7] Emergency Circuit (indicate QTY of 4ft sections to be illuminated by emergency circuit)

[7] Consult ALW for available options.

### 12B. SENSOR OPTIONS* (CHOOSE 1)

- ☐ **N** (None)
- ☐ **WLNX/INT/__** (Cooper Wavelinx, integral)
- ☐ **WLNX/__** (Cooper Wavelinx, remote)
- ☐ **ENLIGHT/__** (Enlighted, remote)
- ☐ **ENLIGHT/INT/__** (Enlighted, integral)
- ☐ **VRF/__** (Lutron Vive, integral)
- ☐ **VDO/__** (Lutron Vive, integral+ occ/daylight sensor)
- ☐ **FCJS/__** (Lutron, remote)
- ☐ **FCJS/S/__** (Lutron, remote + occ/daylight sensor)
- ☐ **MLX/INT/__** (Molex POE, integral)
- ☐ **MLX** (Molex POE, remote)
- ☐ **NLT/INT/__** (nlight wired, integral occ/daylight sensor)
- ☐ **NLT** (nLight wired remote connection)
- ☐ **NLTAIR/INT/__** (nLight AIR, integral)
- ☐ **NLTAIR** (nLight AIR, remote connection)
- ☐ **OS/PH/INT/__** (Acuity 0-10VDC integral occ/daylight sensor)
- ☐ **OS/INT/HV/__** (Legrand Wattstopper High Voltage integral occ/daylight sensor)
- ☐ **OS/PH/HV/__** (Hubbel WASP remote occ/daylight sensor)

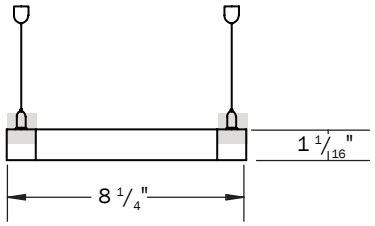
* Default quantity is 1 sensor per 8ft, type alternate quantity into product code above if desired. Sensor descriptions available on page 9.
* Not all sensors are compatible with all drivers. See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility.

### 12C. ADDITIONAL OPTIONS* (OPTIONAL)

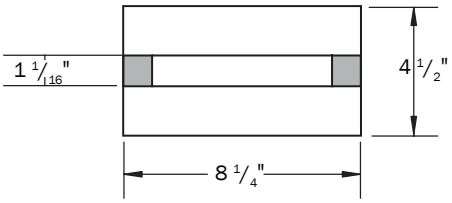
- ☐ **SB** Seismic Bracing

## MECHANICAL DIAGRAMS

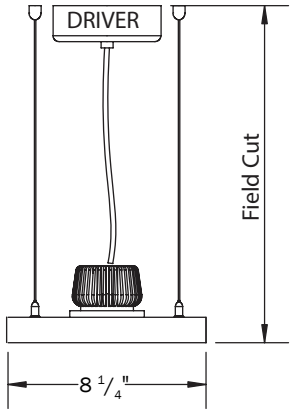
### NOMINAL DIMMENSIONS



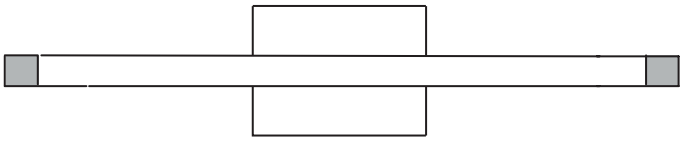

SUSPENDED




WALL MOUNTED (END MOUNT)

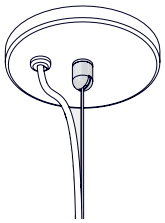



SUSPENDED MONO (LP9SM1)



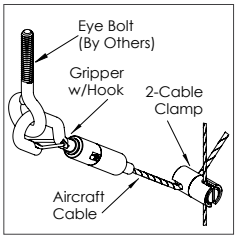
WALL MOUNTED (HORIZONTAL MOUNT)

## SUSPENSION MOUNTING OPTIONS



### CEILING HARDWARE

- 4.5" canopy per power feed location. Canopy finish is always white. Contact ALW for alternate colors.
- Bullet mount,
- 8' aircraft cable
- 2" canopy (for use with T-bar mounting) per suspension point




### SEISMIC BRACING (SB)

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

## STANDARD FINISHES

Standard finishes are available at no additional charge.

### ALUMINUM

AL

Anodized Aluminum

### BASIC POWDER COAT

GW — Gloss White

SW — Satin White

AW — Antimicrobial Satin White

TW — Textured Matte White

TB — Textured Matte Black

### METALLIC POWDER COAT

SG — Silver Gray

CG — Charcoal Gray

CU — Copper

BR — Brass

### SATIN ANODIZED EFFECT POWDER COAT

CS — Clear Silver

OB — Oil-Rubbed Bronze

DB — Dark Bronze

SB — Satin Black

### GLOSS POWDER COAT (80-95% GLOSS)

GO — Orange RAL 2003

GR — Red RAL 3020

GM — Magenta RAL 4010

GB — Blue RAL 5015

**Contact ALW Quotes for sample paint finish swatches.**

## SPECIAL ORDER FINISHES*

### RAL CLASSIC COLORS (80-95% GLOSS): RAL_ _ _ _

Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003).
See www.alwusa.com/finishes

### CATALOG COLORS: CAT_ _ _ _

The complete range of powder coat colors from Tiger Drylac and TCI catalogs are available for a minimum setup fee. Consult ALW for a catalog color you would like to specify.

### CUSTOM COLOR MATCH: CCM_ _ _ _

Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.

*An individual setup fee will apply to each unique Special Order Finish per purchase order.
*(ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase order. 2x setup fees will apply)*

*Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying)

## PERFORMANCE DETAILS — ACCENT/DOWNLIGHT LAMPING

| SPOT | DELIVERED LUMENS (LM) | WATTS (W) | EFFICACY (LM/W) | CRI | CCT OPTIONS | BEAM SPREAD OPTIONS (DEGREES) |
|---|---|---|---|---|---|---|
| DL800 | 800 | 5.1 | 157 | 80 | 3000K<br>3500K<br>4000K | 25<br>40 |
| DL1000 | 1000 | 6.7 | 150 | | | |
| DL1500 | 1500 | 10.5 | 143 | | | |
| DL1800 | 1800 | 8.2 | 220 | 90 | | |
| DL2200 | 2200 | 15.8 | 140 | | | |
| DL2600 | 2600 | 19.8 | 132 | | | |
| DL2900 | 2900 | 24.9 | 117 | | | |
| DL3300 | 3300 | 22.4 | 148 | | | |
| DL3500 | 3500 | 27.1 | 130 | | | |
| DL4000 | 4000 | 37.7 | 107 | | | |

*Performance calculations are based on 80 CRI/00K for DL800-DL1500, and 90 CRI/3500K for DL1800-DL4000.

**AIMING**


Perpendicular Parallel

Accent downlights are able to be aimed 25° in the perpendicular direction, and 35° in the parallel direction (with respect to the channel).

**DL800**
**DL1000**
**DL1500**

**DL1800**
**DL2200**
**DL2600**
**DL2900**

**DL3300**
**DL3500**
**DL4000**

## PERFORMANCE DETAILS — ILLUMINATED PANEL*

| PANEL LENGTH | OUTPUT | DELIVERED LUMENS (LM) | WATTS (W) | EFFICACY (LM/W) | CRI | CCT OPTIONS |
|---|---|---|---|---|---|---|
| G2 (2FT) | LOW | 2200 | 21.2 | 104 | 80 | 3000K<br>3500K<br>4000K |
| | MED | 3000 | 28.8 | | | |
| | HI | 3800 | 36.4 | | | |
| G3 (3FT) | LOW | 3300 | 31.6 | | | |
| | MED | 4500 | 43.1 | | | |
| | HI | 5700 | 54.6 | | | |
| G4 (4FT) | LOW | 4400 | 42.2 | | | |
| | MED | 6000 | 57.6 | | | |
| | HI | 7600 | 73.0 | | | |

## DRIVERS

| PRODUCT CODE | DESCRIPTION |
|---|---|
| N | None. Choose when indirect lamping is not desired. |
| V00 | 0-10V dimming down to 0% (dim to off). |
| V01 | 0-10V dimming down to 1%. |
| V05 | 0-10V dimming down to 5% (Down to 10% for TUNE lamping). |
| LDE1 | (LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology. |
| DALI | DALI flicker-free dimming down to 0%. |
| DMX | DMX flicker-free dimming down to 0%. |
| POEM | Molex CoreSync PoE LED Driver. Contact ALW to assist with your project. |
| POEI | IGOR PoE LED Driver. Contact ALW to assist with your project. |
| POEN | NuLEDS PoE LED Driver. Contact ALW to assist with your project. |
| POE | PoE Ready LED Driver. Contact ALW to assist with your project. |

*Most drivers can be programmed to specific dimming levels if desired. Contact ALW for specific dimming level requests.
ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. If there are specific components required for your application that aren't listed on this spec sheet, please contact ALW customer support today to specify a compatible solution of your choice.

| DRIVER/LED LAMPING COMPATIBILITY | | | |
|---|---|---|---|
| | STD | CA TITLE 24 JA8/JA10[8] | IEEE P1789 & HD TV STUDIO[9] |
| V00 | ● | ● | |
| V01 | ● | ● | |
| V05 | ● | ● | |
| LDE1 | ● | ● | ● |
| DALI | ● | ● | |
| DMX | ● | PER REQUEST | PER REQUEST |
| POEM | PER REQUEST | ● | ● |
| POEI | PER REQUEST | ● | ● |
| POEN | PER REQUEST | ● | ● |

● - Indicates compatibility

*Standard lamping (STD) - LOW/MED/HI

[8] Fixtures specified with 90CRI 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to California Title 24 JA8 and JA10 Appendices

[9] The following drivers conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers'. These drivers may also be installed in HD TV Studio applications utilizing high frequency camera equipment.

## SENSORS

| | PRODUCT CODE | DESCRIPTION | Location |
|---|---|---|---|
| | **N** | None. Choose when sensors are not desired. | - |
| **COOPER WAVELINX** | **WLNX/INT** | Wavelinx Wireless integral occ/daylight sensor (WaveLinx part: OEM-WAA) | Integral |
| | **WLNX** | Fixture is built with 0/10V wiring to connect to Wavelinx Wireless sensors and power/relay packs (sensors and equipment not provided by ALW) | Remote |
| **ENLIGHTED™** | **ENLGHT/INT** | Enlighted integral connected lighting smart sensor - occ/daylight/networking (Enlighted Part: SU-5E-CL) | Integral |
| | **ENLGHT** | Enlighted® remote connected lighting smart sensor - occ/daylight/networking (Enlighted Part: SU-5S-H-CL) | Remote |
| **LUTRON VIVE** | **VRF** | Lutron® Vive integral RF wireless fixture control (Lutron Part: DFCSJ-OEM-RF) | Integral |
| | **VDO** | Lutron® Vive integral RF wireless fixture control + daylight/occ sensor (Lutron Part: DFCSJ-OEM-OCC) | Integral |
| | **FCJS** | Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010) | Remote |
| | **FCJS/S** | Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor) | Remote |
| **MOLEX POE CORESYNC** | **MLX/INT** | Molex CoreSync PoE Integral Fixture-Mounted Sensor R - occ/daylight/temperature/humidity (Molex Part: 182091-1000) | Integral |
| | **MLX** | Molex PoE sensors for use with Molex/PoE drivers. Customer will need to determine who to purchase PoE equipment from | Remote |
| **NLIGHT WIRED®** | **NLT/INT** | Fixture is built with nLight Wired integral components specified by agency. Contact ALW to review project details. | Integral |
| | **NLT** | Fixture is built to connect to nLight Wired remote components specified by agency. Contact ALW to review project details. | Remote |
| **NLIGHT WIRELESS®** | **NLTAIR/INT** | Fixture is built with nLight Air (Wireless) components specified by agency. Contact ALW to review project details. | Integral |
| | **NLTAIR** | Fixture is built to connect to nLight Air (Wireless) remote components specified by agency. Contact ALW to review project details. | Remote |
| **VALUE SENSORS** | **OS/PH/INT** | Acuity 0-10VDC Integral occ/daylight sensor (Acuity Part: MSD 7 ADC WH)<br>Automated Dimming Functionality Only. Manual Dimming not available.<br>Customer to set sensor functionality in the field. Lowest dim level depends on driver. | Integral |
| | **OS/INT/HV** | Legrand Wattstopper **High Voltage** Integral occ/daylight on/off sensor (Part: FS-355)<br>On/Off or Manual Dimming Functionality Only (based on occupancy and daylight). Connect fixture 0/10V wires to wall dimmer in the field. No Automated Dimming available. | Integral |
| | **OS/PH/HV** | *Hubbell WASP* **High Voltage** *0-10V remote surface mount occ/daylight sensor. 120/277/347VAC input (Hubbell Part: WSPDSMUNV)*<br>*Automated Dimming Functionality: Connect fixture 0/10V wires to sensor in the field. Adjust occ/photocell settings as desired.*<br>*On/Off or Manual Dimming Functionality: Turn photocell functionality OFF. Cap off 0/10V wires on sensor.*<br>*Connect fixture 0/10V wires to wall dimmer in the field.* | Remote |

*All connected lighting sensors/systems must be programmed in the field by an electrical commissioner familiar with the system. Refer to the 'Sensor Compatibility' and 'Driver/Sensor Compatibility' charts to specify compatible sensors, LED lamping, and LED driver systems.

## SENSORS CONT'D

| SENSOR COMPATIBILITY | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | | SENSOR TYPE | MAX MT HT | CA TITLE 24 | STD* |
| COOPER WAVELINX | WLNX/INT | OCCUPANCY/PHOTOCELL | 15 ft | ● | ● |
| | WLNX | | 15 ft | ● | ● |
| ENLIGHTED™ | ENLGHT/INT | OCCUPANCY/PHOTOCELL | 15 ft | ● | ● |
| | ENLGHT | OCCUPANCY/PHOTOCELL | 40 ft | ● | ● |
| LUTRON VIVE | VRF | WIRELESS CONTROL | 12 ft | ● | ● |
| | VDO | OCCUPANCY/PHOTOCELL | 12 ft | ● | ● |
| | FCJS | WIRELESS CONTROL | 12 ft | ● | ● |
| | FCJS/S/ | OCCUPANCY/PHOTOCELL | 12 ft | ● | ● |
| MOLEX POE CORESYNC | MLX/INT | OCCUPANCY/PHOTOCELL TEMPERATURE/HUMIDITY | 16 ft | ● | ● |
| | MLX | | 16 ft | ● | ● |
| NLIGHT WIRED® | NLT/INT | OCCUPANCY/PHOTOCELL | 15 ft | ● | ● |
| | NLT | | 15 ft | ● | ● |
| NLIGHT WIRELESS® | NLTAIR/INT | OCCUPANCY/PHOTOCELL | 15 ft | ● | ● |
| | NLTAIR | | 15 ft (average) | ● | ● |
| VALUE SENSORS | OS/PH/INT | OCCUPANCY/PHOTOCELL | 15 ft | | ● |
| | OS/INT/HV | OCCUPANCY/PHOTOCELL | 15 ft | ● | ● |
| | OS/PH/HV | OCCUPANCY/PHOTOCELL | 45 ft | ● | ● |

● - Indicates compatibility ■ - On/off sensor functionality only

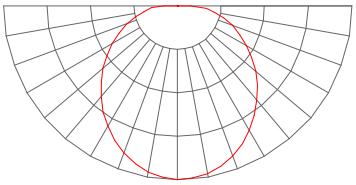
*Standard lamping (STD) - LOW/MED/HI

## SENSORS (CONT'D)

| DRIVER/SENSOR COMPATIBILITY | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | WLNX/INT | WLNX | ENLGHT/ INT | ENLGHT | VRF | VDO | FCJS | FCJS/S | MLX/INT |
| V00 | ● | ● | ● | ● | | | ● | ● | |
| V01 | ● | ● | ● | ● | | | ● | ● | |
| V05 | ● | ● | ● | ● | | | ● | ● | |
| LDE1 | | | | | ● | ● | ● | ● | |
| DALI | | | | | ● | ● | | | |
| DMX | | | | | | | | | |
| POEM | | | | | | | | | ● |
| POEI | Sensor types will depend on the PoE system configuration. Contact ALW for details. | | | | | | | | |
| POEN | Sensor types will depend on the PoE system configuration. Contact ALW for details. | | | | | | | | |
| POER | Sensor types will depend on the PoE system configuration. Contact ALW for details. | | | | | | | | |

● - Indicates compatibility
▲ - Fixture can have automated dimming via sensor OR on/off functionality and manual dimming
■ - On/off sensor functionality only

## PHOTOMETRICS

| OPTIC | POLAR PLOT (CD) | MTG HEIGHT | LIGHT LEVEL (FC) | SPACING CRITERION (SC)[10] (0°- 180°) (90°- 270°) | MAX INTENSITY (CD) | OUTPUT (LM/FT) |
|---|---|---|---|---|---|---|
| DIFF |  | 6 ft | 42.9 | 1.16<br>1.18 | 1546 | 1900 |
| | | 8 ft | 24.2 | | | |
| | | 10 ft | 15.5 | | | |
| | | 12 ft | 10.7 | | | |
| | | 14 ft | 7.9 | | | |
| | | 16 ft | 6 | | | |

*Photometric calculations based on HI 4000K 80 CRI fixture combination. Actual results may vary in the field. For footcandle and output multipliers refer to the ALW IES File Multipliers Chart

[10]Spacing criterion refers to maximum distance luminaires can be spaced to provide uniform illumination on the working plane or surface. Luminaire spacing = Spacing Criterion (SC) x Mounting Height (MH) (ex. 1.14 (SC) x 10' (MH) = 11.4' Luminaire Spacing).

## ADDITIONAL OPTIONS & SPECIFICATIONS

### LED 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

Fixtures specified with 90CRI, 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to **California Title 24 JA8 and JA10** Appendices. EldoLED drivers can conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers .

Contact ALW customer support today and we can help you with your project requirements..

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.
*For intergral driver,* Conforms to UL std. 1598 luminaires.
*For remote driver,* Conforms to UL std. 2018 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 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 11-year warranty. Details: alwusa.com/warranty

### POWER CABLES

Power cables come standard in a transparent sheathing to match steel aircraft suspension cables. Please contact customer support if custom cables are required for your application. Power cables cannot be swapped in the field as it will void the ETL Safety Listing and Product Warranty.

### CONTROLS, SENSORS, & LED DRIVER

ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. Our component portfolio is continually expanding to adopt to the latest technologies and specification needs. We currently support integration with Lutron, Enlighted, nLight, Cooper Wavelinx, eldoLED, Molex PoE, NuLEDS PoE, Igor PoE, Osram, Philips, and more. If there's a component or system needed that you don't see on the spec sheet please contact ALW customer support today so we can review your requirements.

### WEIGHT

Approximately 2.5 lbs. per linear foot (not including downlight option). Weight may vary depending on mounting, downlight, and additional options selected.

### WOOD VENEER

Most ALW fixture configurations are available with real wood veneer as a custom request. Contact ALW customer support so we can help you with your custom wood veneer request.