



# LADDER 2

## LD2 | SURFACE

### STANDARD SIZES

2" Aperture  
Individual sections up to 8ft.

### LAMPING

LED - Indirect - 80/90+ CRI - 2700K/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





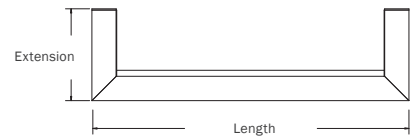
# PRODUCT SUBMITTAL WORKSHEET

## SAMPLE PRODUCT CODE

**LD2.6 – S5 – HI/90/3500 – 0/10V/S – EXT/R – AL – UNV – EMB/1 – OS/1**  
1 2 3 4 5 6 7 8A 8B

### 1. BASE MODEL (CHOOSE ONE)

- LD2.4** 2", Surface Mount, Indirect with 4" extension
- LD2.6** 2", Surface Mount, Indirect with 6" extension
- LD2.12** 2", Surface Mount, Indirect with 12" extension
- LD2.18** 2", Surface Mount, Indirect with 18" extension (Not suitable for Wall Mounting)
- LD2.24** 2", Surface Mount, Indirect with 24" extension (Not suitable for Wall Mounting)
- LD2.36** 2", Surface Mount, Indirect with 36" extension (Not suitable for Wall Mounting)



### 2. NOMINAL LENGTH (SELECT ONE)

- S2** 2' (24") length
- S3** 3' (36") length
- S4** 4' (48") length
- S5** 5' (60") length
- S6** 6' (72") length
- S7** 7' (84") length
- S8** 8' (96") length

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

### 3. LED LAMPING (CHOOSE ONE UNDER A, B, & C, AS NECESSARY)

#### A. OUTPUT

- LOW**
- MED**
- HI**
- DECOR**
- TUNE** (2700K - 6500K, 80CRI)
- RGB**
- RGBW** (White Chip: 3500K, 80CRI)

#### B. CRI<sup>1</sup>

- 80**
- 90**

#### C. CCT<sup>2</sup>

- 2700K** (90CRI Only)
- 3000K**
- 3500K**
- 4000K**

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 5 for complete details.		Up to 81 lm/W

<sup>1</sup>CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping.

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

### 4. DRIVER (CHOOSE ONE)

- 0/10V/S** 0-10V dimming down to 5% (Down to 10% for DECOR and TUNE lamping)
- 0/10V/1%** 0-10V dimming down to 1% (Available for TUNE lamping)
- 0/10V/0%** 0-10V premium dimming down to 0% (Available for TUNE lamping)
- DALI** DALI flicker-free dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Select for RGB / RGBW lamping. Available for TUNE lamping)
- 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.


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## 5. LENS (CHOOSE ONE)

- EXT/R** Extra diffuse, reveal
- WD/R** Frosted, reveal (*LEDs may be visible when dimmed*)
- DG** Dust guard (*no lens*)

## 6. 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)

## 7. VOLTAGE (CHOOSE ONE)

- UNV** Universal Voltage (120VAC-277VAC)
- 347** 347 Volt (*Compatible only with LOW/MED/HI lamping*)

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

### A. EMERGENCY OPTIONS

- EMB/\_\_\_<sup>3</sup>** Emergency Battery (*indicate quantity — each battery powers 4ft with a delivered lumen output of 1176lm*)
- EMC/\_\_\_<sup>3</sup>** Emergency Circuit (*indicate quantity of 4ft sections to be illuminated by emergency circuit*)

<sup>3</sup>For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for available options.

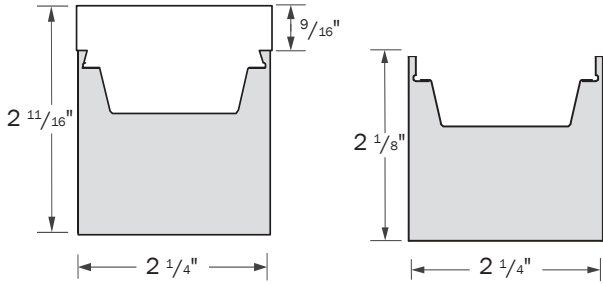
### B. SENSOR OPTIONS (COMPATIBLE ONLY WITH 0-10V DRIVERS — DEFAULT QUANTITY IS 1 SENSOR PER 8FT, INDICATE ALTERNATE QUANTITY IF DESIRED)

- ENLGHT/\_\_\_<sup>4</sup>** Enlighted® remote smart sensor (*occupancy, daylight, networking, and more*)
- 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).

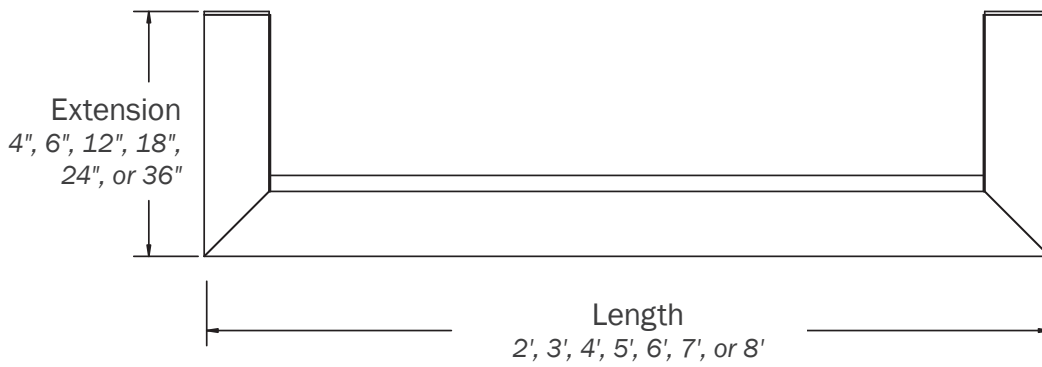


## MECHANICAL DIAGRAMS – DIMENSIONS



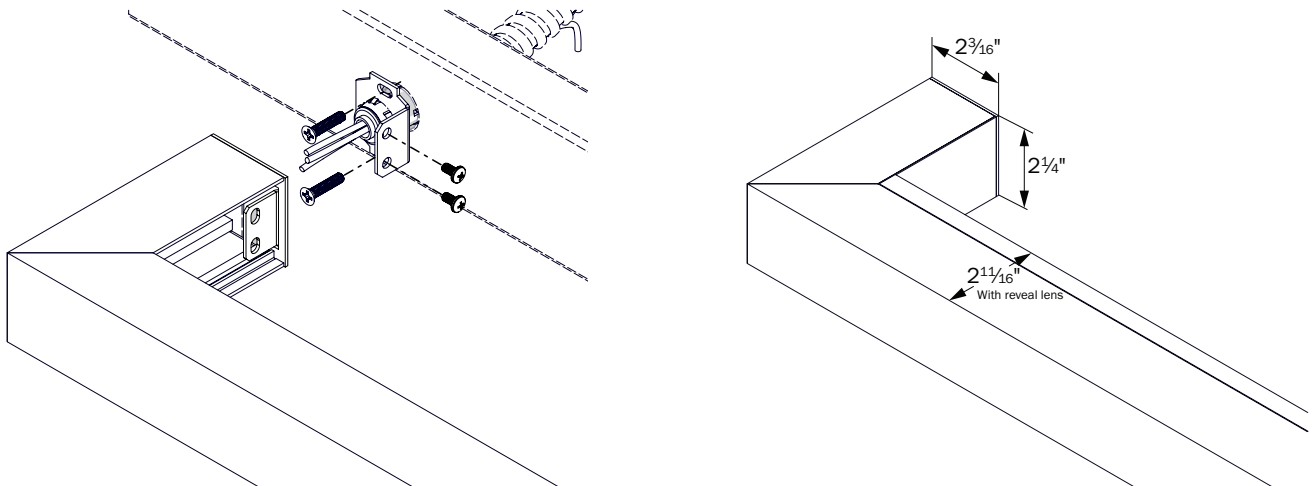
**LD2**  
REVEAL LENS  
EXT/R or WD/R

**LD2**  
NO LENS / DUST GUARD  
DG



\*18\", 24\", and 36\" extensions not suitable for wall mounting.

## MOUNTING DIAGRAM



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## PERFORMANCE DETAILS – LED LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
<b>LOW</b> <sup>5</sup>	675	5.3	100+	80 90	2700K (90CRI Only) 3000K 3500K 4000K
<b>MED</b> <sup>5</sup>	925	7.2	100+		
<b>HI</b> <sup>5</sup>	1160	9.1	100+		
<b>DECOR</b> <sup>5</sup>	271	5.9	46	N/A	2700K-6500K
<b>TUNE</b> <sup>5</sup>	617	7.6	81		
<b>RGB</b>	Color-Changing RGB	5	N/A		
<b>RGBW</b> <sup>5</sup>	250 Max (RGB+W)	6.4		80	White Chip: 3500K

<sup>5</sup>Performance calculations are extrapolated from a goniometer test of an 80CRI 4000K 2ft. fixture.



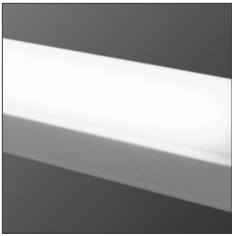
## ADDITIONAL OPTIONS & SPECIFICATIONS

### ELECTRICAL PERFORMANCE

LED drivers are Class 2,  $L_{70} > 54,000$  hours.  
80+/90+ CRI. 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 & WD/R

### 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.  
Conforms to UL std. 1598, Luminaires.  
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

### OPERATING CONDITIONS

Luminaire should be installed and operated ONLY in dry or damp locations where the ambient temperature ranges from  $-4^{\circ}\text{F}$  to  $122^{\circ}\text{F}$  ( $-20^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ ). 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

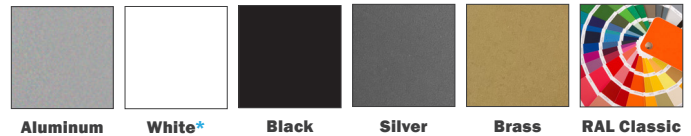
Limited 5-year warranty. Details: [alwusa.com/warranty](http://alwusa.com/warranty)

### 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.