



# FIVE BOW

**FB | SUSPENDED, SURFACE**

## STANDARD SIZES

1.75" Aperture with Reveal Lens  
Configurable in linear shapes and straight run sections

## LAMPING

LED - Direct or 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





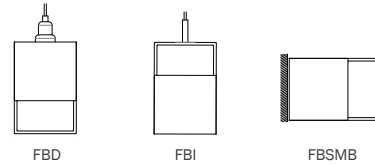
# PRODUCT SUBMITTAL WORKSHEET

## SAMPLE PRODUCT CODE

**FB** – **S5** – **HI/90/3500** – **0/10V/0%** – **EXT/R** – **AL** – **UNV** – **EMB/1** – **OS/1** – **COMBO** – **SB**  
1 2 3 4 5 6 7 8A 8B 8C

### 1. BASE MODEL (CHOOSE ONE)

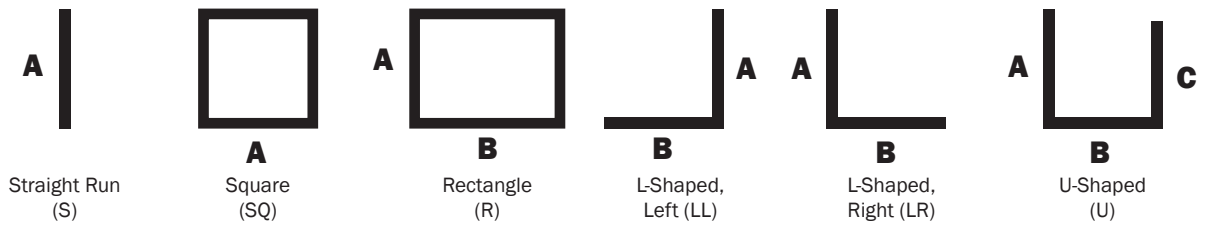
- FBD** 1.75" suspended, direct
- FBI** 1.75" suspended, indirect
- FBSMB** 1.75" surface, back mount



### 2. SHAPE/LENGTH (CHOOSE ONE & ENTER LENGTH IN FEET – 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. LED LAMPING (CHOOSE ONE UNDER A, B, & C, AS NECESSARY)

- |  |   |  |
|--|---|--|
| <b>A. OUTPUT</b><br><input type="checkbox"/> <b>LOW</b><br><input type="checkbox"/> <b>MED</b><br><input type="checkbox"/> <b>HI</b><br><input type="checkbox"/> <b>DECOR</b><br><input type="checkbox"/> <b>TUNE</b><br><input type="checkbox"/> <b>RGB</b><br><input type="checkbox"/> <b>RGBW</b> (80 CRI, 4000K White) | <b>B. CRI<sup>1</sup></b><br><input type="checkbox"/> <b>80</b><br><input type="checkbox"/> <b>90</b> | <b>C. CCT<sup>2</sup></b><br><input type="checkbox"/> <b>3000K</b><br><input type="checkbox"/> <b>3500K</b><br><input type="checkbox"/> <b>4000K</b> |
|--|---|--|

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% (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** 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 (Not available with DECOR or TUNE lamping)

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

#### 5. LENS

- EXT/R** Extra diffuse, reveal 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 (Driver options may be limited)

#### 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 1264lm)
- 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 – INDICATE SPECIFIC QTY IF DESIRED, OTHERWISE QTY WILL BE AUTOMATICALLY CALCULATED)

- ENLGH/\_\_\_<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).

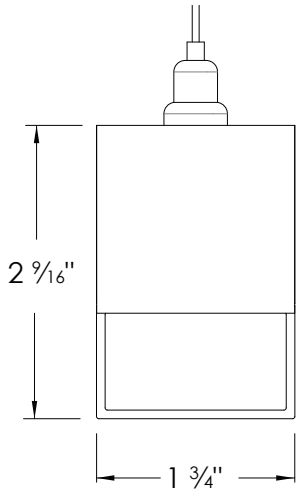
##### C. ADDITIONAL OPTIONS (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

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

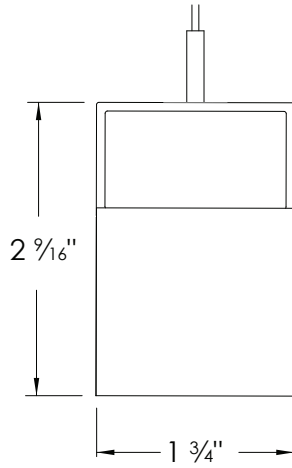
SS100218-A.0



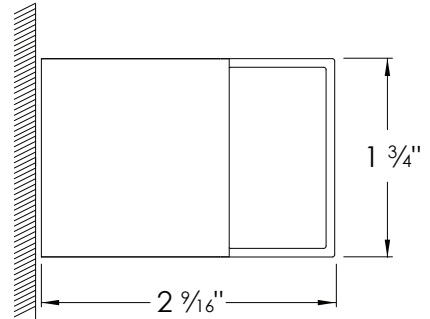
## MECHANICAL DIAGRAMS – MOUNTING & DIMENSIONS



**FBD**  
DIRECT



**FBI**  
INDIRECT



**FBSMB**  
SURFACE/BACK MOUNT

## SUSPENSION MOUNTING



### CEILING HARDWARE

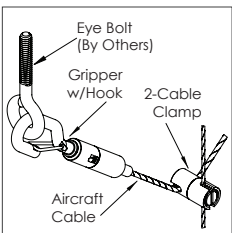
- (1) 4.5" canopy per power feed location,
- (1) bullet mount,
- (1) 8' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



### 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.



## PERFORMANCE DETAILS – LED LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
<b>LOW</b>	658	8.1	81	80 90	3000K 3500K 4000K
<b>MED<sup>5</sup></b>	877	10.8	81		
<b>HI<sup>5</sup></b>	1097	13.5	81		
<b>DECOR<sup>5</sup></b>	321	5.9	54	N/A	2700K-5700K
<b>TUNE<sup>6,7</sup></b>	731	9.0	81		
<b>RGB<sup>7</sup></b>	Color-Changing RGB	5	N/A		
<b>RGBW<sup>7</sup></b>	Color-Changing RGB + 4000K White	5		80	4000K

<sup>5</sup>Performance calculations are extrapolated estimates based on actual performance data of LOW output at 80 CRI and 3500K.

<sup>6</sup>Performance calculations are extrapolated maximum estimates for mid-range CCTs. Cooler and warmer CCTs with provide lower delivered lumens (i.e. lower lm/W, higher W/lf).

<sup>7</sup>DMX driver recommended; controller not included.



## ADDITIONAL OPTIONS & SPECIFICATIONS

### ELECTRICAL PERFORMANCE

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

### LENS

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



EXT/R Lens

### 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 °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

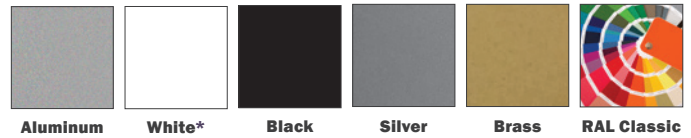
Limited 5-year warranty. Details: [alwusa.com/warranty](http://alwusa.com/warranty)

### SENSORS

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.