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 - 2700K/3000K/3500K/4000K
Output Options: LOW/MED/HI/DECOR/Tunable White/RGB/RGB+W
Dimming down to 0%

FINISH
18 standard finishes available at no extra charge
RAL classic colors, TCI / Tiger Drylac catalog colors, and custom color match also available

CONSTRUCTION
Industrial Strength Extruded 6061 Aluminum
# PRODUCT SUBMITTAL WORKSHEET

## SAMPLE PRODUCT CODE

FBD — S5 — HI/90/3500 — 0/10V/0% — EXT/R — AL — UNV — EMB/1 — OS/1 — COMBO — SB

## 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.*

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

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

### A. OUTPUT

- **LOW**: 80
- **MED**: 90
- **HI**: 100
- **DECOR** (2700K-6500K, 80CRI)
- **TUNE** (2700K-6500K, 80CRI)
- **RGB**: White Chip: 3500K, 80CRI

### B. CRI

- 90 CRI Only
- 80
- 60
- 30

### C. CCT

- 2700K
- 3000K
- 3500K
- 4000K

<table>
<thead>
<tr>
<th>DELIVERED</th>
<th>WATTS (W/FT)</th>
<th>EFFICACY (LM/W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUMENS (LM/FT)</td>
<td>See page 6 for complete details.</td>
<td>Up to 120 lm/W</td>
</tr>
</tbody>
</table>

*CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping
*CCT not applicable for TUNE, RGB, or RGBW lamping
4. DRIVER (CHOOSE ONE. STD, DECOR, TUNE & RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

- **STD**
  - 0/10V dimming down to 5% (Standard Dimming — Down to 10% for DECOR and TUNE lamping)
  - 0/10V dimming down to 1%
  - 0/10V premium dimming down to 0%
- **DECOR**
  - (LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
  - (LDE5) Lutron 5-Series Ecosystem LED driver (Dims to 5%)
- **TUNE**
  - Lutron T-Series Tunable White Class 2 LED Driver (For use with Lutron Quantum Control Systems)
  - DALI flicker-free dimming down to 0% (Down to 1% for Lutron Vive Lighting Control System)
- **RGB(W)**
  - DMX flicker-free dimming down to 0%

*Driver specifications provided upon request.
*Lutron Vive Control Systems is compatible only with STD lamping. See more information for compatible Driver under ‘Sensor Options’.
*For use with TUNE Lamping, Lutron T-Series Driver is not compatible with Lutron Vive Lighting Control System.

5. LENS

- **EXT/R**
  - Extra diffuse, reveal lens

6. FINISH (CHOOSE ONE. SEE PAGE 7 FOR LARGER SWATCHES AND ADDITIONAL INFORMATION)

**STANDARD FINISHES**

- **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)

**SPECIAL ORDER FINISHES**

- RAL Specify RAL Classic Color (Ex: RAL 3003) - Most RAL Colors are available for powder coat. See www.alwusa.com/finishes
- CAT Specify Catalog Colors - Specify colors from the Tiger Drylac and TCI catalogs
- CCM Custom Color Match - Specify a custom powder coat color match

7. VOLTAGE (CHOOSE ONE)

- **UNV**
  - Universal Voltage (120VAC-277VAC)
- **347**
  - 347 Volt (Driver options may be limited. Not available with EMB)
8. ADDITIONAL OPTIONS (OPTIONAL — CHOOSE ONE UNDER A, B, AND ANY UNDER C, IF DESIRED)

A. EMERGENCY OPTIONS

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

*B For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for more details.

B. SENSOR OPTIONS (DEFAULT QUANTITY IS 1 SENSOR PER 8FT, INDICATE ALTERNATE QUANTITY IF DESIRED)

☐ VRF/___ Lutron® Vive integral RF wireless fixture control (Lutron Part: DFCSJ-OEM-RF)
☐ VDO/___ Lutron® Vive integral RF wireless fixture control + daylight/occ sensor (Lutron Part: DFCSJ-OEM-OCC)
☐ FCJS/___ Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010)
☐ FCJS/S/___ Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor)
☐ ENLIGHT/___ Enlighted® remote connected lighting smart sensor (Enlighted Part: SU-SS-H) (occupancy, daylight, networking, and more)
☐ ENLIGHT/INT/___ Enlighted® integral connected lighting smart sensor (Enlighted Part: SU-SE) (occupancy, daylight, networking, and more)
☐ OS/___ 0-10V integral occupancy sensor
☐ PH/___ 0-10V integral photocell/daylight sensor

*Lutron® Vive integral sensors are compatible with the following drivers: DALI driver or ECOSYS. Vive Sensors are not compatible with the Lutron T-Series Tunable White Driver. Programming required by Lutron Commissioner.

*Lutron® Vive remote sensors are compatible with the following drivers: 0/10V/S, 0/10V/1, 0/10V/0 driver or ECOSYS. Vive Sensors are not compatible with the Lutron T-Series Tunable White Driver. Programming required by Lutron Commissioner.

*Enlighted® sensors are compatible with the following drivers: 0/10V/S, 0/10V/1, 0/10V/0. Programming required by Enlighted Commissioner. Additional Enlighted sensor families included IoT Sensors and Enlighted One Sensors are also available as a custom order but not available as a QuickShip option. Contact Customer Support for more information.

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
MECHANICAL DIAGRAMS — MOUNTING & DIMENSIONS

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 LAMPS

<table>
<thead>
<tr>
<th>OUTPUT</th>
<th>DELIVERED LUMENS (LM/FT)</th>
<th>WATTS (W/FT)</th>
<th>EFFICACY (LM/W)</th>
<th>CRI OPTIONS</th>
<th>CCT OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOW²⁰</td>
<td>650</td>
<td>5.3</td>
<td>Up to ~120</td>
<td>80, 90</td>
<td>2700K (90CRI Only) 3000K 3500K 4000K</td>
</tr>
<tr>
<td>MED²⁰</td>
<td>875</td>
<td>7.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HI²⁰</td>
<td>1100</td>
<td>9.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DECOR</td>
<td>294</td>
<td>5.9</td>
<td>49</td>
<td>N/A</td>
<td>3000K 3500K 4000K</td>
</tr>
<tr>
<td>TUNE</td>
<td>WW: 439 CW: 484 Total: 923</td>
<td>8.8</td>
<td>Up to ~110</td>
<td>N/A</td>
<td>2700K-6500K</td>
</tr>
<tr>
<td>RGB²¹</td>
<td>RGB: 129</td>
<td>4.4</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

²⁰Performance calculations are based on the following LM-79 test: 4000K, 80CRI, HIGH output. MED and LOW values are extrapolated distributions.
²¹Performance calculations are derived from LM-79 test with all RGB LEDs illuminated (Red, Green, Blue).
²²Performance calculations are derived from the following LM-79 tests: 1) RGB LEDs illuminated, 2) RGB+W LEDs illuminated, 3) White LED only illuminated.
# STANDARD FINISHES

Standard finishes are available at no additional charge.

## ALUMINUM

![Anodized Aluminum](image)

## BASIC POWDER COAT

- **Gloss White**
- **Satin White**
- **Antimicrobial Satin White**
- **Textured Matte White**

## METALLIC POWDER COAT

- **Silver Gray**
- **Charcoal Gray**
- **Copper**
- **Brass**

## SATIN ANODIZED EFFECT POWDER COAT

- **Clear Silver**
- **Oil-Rubbed Bronze**
- **Dark Bronze**
- **Satin Black**

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

- **Orange RAL 2003**
- **Red RAL 3020**
- **Magenta RAL 4010**
- **Blue RAL 5015**

## 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](http://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)
**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.

**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

**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, EldoLED, nLight, 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.