



# HBEAM 1.25

**HB1.25 | CONTINUOUS SPOTS OR LINEAR LAMPING | MITERED CORNERS  
SUSPENDED, WALL, SURFACE | INTEGRAL OR REMOTE DRIVER**

## CONTINUOUS SHAPES & LENGTHS

1.25" Aperture

Configurable in linear shapes and straight run sections

## LAMPING

Specify lamping with continuous spotlights or continuous linear light

LED - Direct & Indirect - 80/90 CRI - 2700K/3000K/3500K/4000K

Output Options: MIN/LOW/MED/HI/MAX/RGB

## FINISH

16 standard finishes available at no extra charge

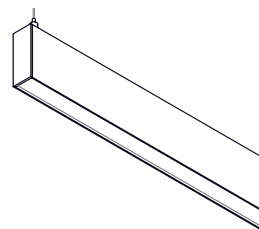
Custom finishes available.

## CONSTRUCTION

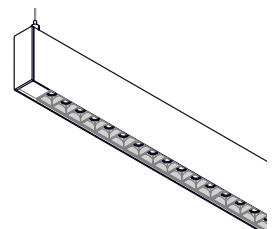
Extruded 6063-T5 Aluminum

## SPECIFYING FOR WELL™?

See page 8 for recommended options that contribute to meeting the WELL Building Standard™.



Continuous Linear



(SL) Continuous Spotlights



**HB1.25 – SPECIFICATIONS**  
**SUSPENDED, WALL, SURFACE**

**ALW-INC.COM**



## PRODUCT SUBMITTAL WORKSHEET

### SAMPLE PRODUCT CODE

HB1.25XS — S9 — N — N — N — SL/MED/90/3500/25 — 0/10V/S — MED/90/3500 — 0/10V/S — EXT — SW — UNV — EMB/1 — OS/1 — COMBO — SB  
1 2 3 4 5 6 7 8 9 10 11 12 13A 13B 13C

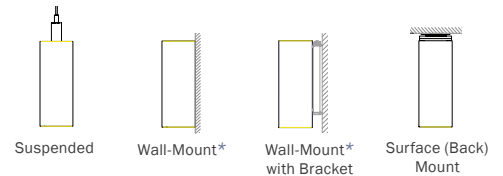
### 1. BASE MODEL (CHOOSE ONE)

#### REMOTE DRIVER

- ☐ **HB1.25S** QS 1.25" Suspended - Remote Driver  
☐ **HB1.25W\*** QS 1.25" Wall-Mount - Remote Driver (*keyholes on housing for mounting*)  
☐ **HB1.25WB\*** QS 1.25" Wall-Mount - Remote Driver (*with brackets for mounting*)  
☐ **HB1.25SMB** QS 1.25" Wall/Surface, Back-Mounted, Front-Facing - Remote Driver

#### INTEGRAL DRIVER

- ☐ **HB1.25XS** QS 1.25" Suspended - Integral Driver  
☐ **HB1.25XWB\*** QS 1.25" Wall-Mount - Integral Driver (*with brackets for mounting*)  
☐ **HB1.25XSMB** QS 1.25" Wall/Surface, Back-Mounted, Front-Facing - Integral Driver



\*Wall Mount not specifiable with LED Spotlights as LED hot-spotting will be visible on wall surface.

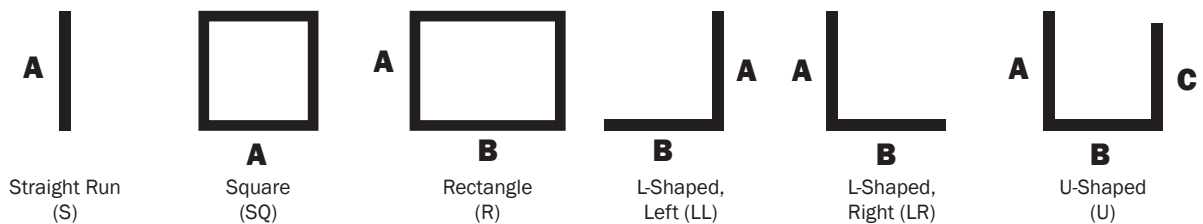
\*Wall Mount not compatible with mitered corners.

\*Wall Mount HB1.25W (keyholes) base model is not available with integral driver as it does not meet the ETL Listing requirements.

### 2. SHAPE/LENGTH\* (CHOOSE ONE & ENTER LENGTH GREATER THAN 2 FEET — FOR CUSTOM ANGLES, CONTACT ALW)

- ☐ **S\_\_** QS 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.



QS = QuickShip-qualifying option. For the entire luminaire configuration to be QuickShip-eligible, ALL options specified in the configuration must be ones notated with "QS". NOTE: Maximum 800 ft. of QuickShip-eligible product per order.

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### 3. LED LAMPING — LINEAR/DIRECT (CHOOSE NONE OR ONE UNDER A, B, & C, AS NECESSARY)

☐ **N** QS None. Select when direct lamping is not desired or when specifying continuous spotlights.

#### A. OUTPUT\*

- ☐ **QS MIN**  
☐ **QS LOW**  
☐ **QS MED**  
☐ **QS HI**  
☐ **QS MAX**  
☐ **RGB<sup>1</sup>**

#### B. CRI<sup>2</sup>

- ☐ **QS 80**  
☐ **QS 90**

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

- ☐ **QS 2700K**  
☐ **QS 3000K**  
☐ **QS 3500K**  
☐ **QS 4000K**

| DELIVERED LUMENS (LM)            | WATTS (W) | EFFICACY (LM/W) |
|----------------------------------|-----------|-----------------|
| See page 9 for complete details. |           | Up to 89 lm/W   |

\*Consult ALW for custom lumen packages.

<sup>1</sup>Not available for base model fixtures with integrated drivers.

<sup>2</sup>CRI/CCT not applicable for RGB lamping.

### 4. DRIVER<sup>3</sup> — LINEAR/DIRECT (CHOOSE ONE. X/STD, STD, TUNE, RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

|  | X/STD <sup>5,6</sup> | STD <sup>6</sup> | RGB |  |
|--|----------------------|------------------|-----|--|
| <input type="checkbox"/> <b>N</b> <span style="color: green;">QS</span>                    | ●                    | ●                |     | None. Select when direct linear lamping is not desired.                                      |
| <input type="checkbox"/> <b>0/10V/S<sup>4</sup></b> <span style="color: green;">QS</span>  | ●                    | ●                |     | 0-10V dimming down to 5% (Standard Dimming — Down to 10% for TUNE lamping)                   |
| <input type="checkbox"/> <b>0/10V/1%<sup>4</sup></b> <span style="color: green;">QS</span> | ●                    | ●                |     | 0-10V dimming down to 1%   |
| <input type="checkbox"/> <b>0/10V/0%<sup>4</sup></b> <span style="color: green;">QS</span> | ●                    | ●                |     | 0-10V premium dimming down to 0%   |
| <input type="checkbox"/> <b>TRC/1%<sup>4</sup></b> <span style="color: green;">QS</span>   | ●                    | ●                |     | TRIAC 2-wire forward-phase dimming down to 1%  |
| <input type="checkbox"/> <b>ELV/1%<sup>4</sup></b> <span style="color: green;">QS</span>   | ●                    | ●                |     | ELV 3-wire reverse-phase dimming down to 1%  |
| <input type="checkbox"/> <b>ECOSYS1</b>  |                      | ●                |     | (LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology |
| <input type="checkbox"/> <b>DALI</b>   |                      | ●                |     | DALI flicker-free dimming down to 0%   |
| <input type="checkbox"/> <b>DMX</b>  |                      |                  | ●   | DMX flicker-free dimming down to 0%  |

<sup>3</sup>Driver specifications provided upon request.

<sup>4</sup>0/10V/S, 0/10V/1%, 0/10V/0%, TRC/1%, and ELV/1% may be specified as an integral driver or remote driver option. Choose the appropriate Base Model for driver location.

<sup>5</sup>X/STD = Integral Driver with Standard Lamping.

<sup>6</sup>Lutron Vive Control Systems are compatible only with X/STD and STD lamping. See more information for compatible Driver under 'Sensor Options'.

### 5. LENS — LINEAR/DIRECT (CHOOSE ONE)

☐ **N** QS None. Select when specifying continuous spotlights or when direct lamping is not desired. Cover plate provided to match housing finish.

☐ **EXT** QS Extra diffuse, white frosted

QS = QuickShip-qualifying option. For the entire luminaire configuration to be QuickShip-eligible, ALL options specified in the configuration must be ones notated with "QS". NOTE: Maximum 800 ft. of QuickShip-eligible product per order.

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## 6. LED SPOTLIGHT — DIRECT\* (CHOOSE NONE OR ONE UNDER A, C, & D)

QS — All standard spotlight options below are QuickShip-qualifying.

- ☐ **N** QS None. Select when specifying linear lamping, wall mounted base model, or when direct lamping is not desired.
- ☐ **SL** QS Continuous (ALL) spotlights. *Must select NONE for Linear/Direct Lamping. Select options (A-D) below.*

### A. OUTPUT B. CRI C. CCT D. BEAM SPREAD

- ☐ **MIN** ☐ **80** ☐ **2700K** ☐ **25°**
- ☐ **LOW** ☐ **90** ☐ **3000K** ☐ **40°**
- ☐ **MED** ☐ **3500K**
- ☐ **HI<sup>7</sup>** ☐ **4000K**

<sup>7</sup>Not available for base model fixtures with integrated drivers.

| DELIVERED LUMENS (LM)            | WATTS (W) | EFFICACY (LM/W) |
|----------------------------------|-----------|-----------------|
| See page 9 for complete details. |           | Up to 83 lm/W   |

## 7. DRIVER<sup>8</sup> — SPOTLIGHT (CHOOSE ONE. X/STD, STD, TUNE, RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

- ☐ **N** QS None. Select when direct lamping is not desired.
- ☐ **0/10V/S<sup>9</sup>** QS ● ● 0-10V dimming down to 5% (Standard Dimming — Down to 10% for TUNE lamping)
- ☐ **0/10V/1%<sup>9</sup>** QS ● ● 0-10V dimming down to 1%
- ☐ **0/10V/0%<sup>9</sup>** QS ● ● 0-10V premium dimming down to 0%
- ☐ **TRC/1%<sup>9</sup>** QS ● ● TRIAC 2-wire forward-phase dimming down to 1%
- ☐ **ELV/1%<sup>9</sup>** QS ● ● ELV 3-wire reverse-phase dimming down to 1%
- ☐ **DALI** ● ● DALI flicker-free dimming down to 0%
- ☐ **DMX** ● ● DMX flicker-free dimming down to 0%

<sup>8</sup>Driver specifications provided upon request.

<sup>9</sup>0/10V/S, 0/10V/1%, 0/10V/0%, TRC/1%, and ELV/1% may be specified as an integral driver or remote driver option. Choose the appropriate Base Model for driver location.

<sup>10</sup>X/STD = Integral Driver with Standard Lamping.

<sup>11</sup>Lutron Vive Control Systems are compatible only with X/STD and STD lamping. See more information for compatible Driver under 'Sensor Options'.

## 8. LED LAMPING — LINEAR/INDIRECT (CHOOSE NONE OR ONE UNDER A, B, & C, AS NECESSARY)

- ☐ **N** QS None. Select when direct lamping is not desired or when specifying continuous spotlights.

- A. OUTPUT\*** **B. CRI<sup>13</sup>** **C. CCT<sup>13</sup>**
- ☐ **QS MIN** ☐ **QS 80** ☐ **QS 2700K**
- ☐ **QS LOW** ☐ **QS 90** ☐ **QS 3000K**
- ☐ **QS MED** ☐ **QS 3500K**
- ☐ **QS HI** ☐ **QS 4000K**
- ☐ **QS MAX**
- ☐ **RGB<sup>12</sup>**

\*Consult ALW for custom lumen packages.

<sup>12</sup>Not available for base model fixtures with integrated drivers.

<sup>13</sup>CRI/CCT not applicable for RGB lamping.

| DELIVERED LUMENS (LM)            | WATTS (W) | EFFICACY (LM/W) |
|----------------------------------|-----------|-----------------|
| See page 9 for complete details. |           | Up to 117 lm/W  |

QS = QuickShip-qualifying option. For the entire luminaire configuration to be QuickShip-eligible, ALL options specified in the configuration must be ones notated with "QS". NOTE: Maximum 800 ft. of QuickShip-eligible product per order.

SS050824



## 9. DRIVER<sup>14</sup> — LINEAR/INDIRECT (CHOOSE ONE. X/STD, STD, TUNE, RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

|  |    | X/STD <sup>16, 17</sup> | STD <sup>17</sup> | RGB |  |
|--|----|-------------------------|-------------------|-----|--|
| <input type="checkbox"/> <b>N</b>                      | QS |                         |                   |     | None. Select when direct lamping is not desired.   |
| <input type="checkbox"/> <b>0/10V/S</b> <sup>15</sup>  | QS | ●                       | ●                 |     | 0-10V dimming down to 5% (Standard Dimming — Down to 10% for TUNE lamping)                   |
| <input type="checkbox"/> <b>0/10V/1%</b> <sup>15</sup> | QS | ●                       | ●                 |     | 0-10V dimming down to 1%   |
| <input type="checkbox"/> <b>0/10V/0%</b> <sup>15</sup> | QS | ●                       | ●                 |     | 0-10V premium dimming down to 0%   |
| <input type="checkbox"/> <b>TRC/1%</b> <sup>15</sup>   | QS | ●                       | ●                 |     | TRIAC 2-wire forward-phase dimming down to 1%  |
| <input type="checkbox"/> <b>ELV/1%</b> <sup>15</sup>   | QS | ●                       | ●                 |     | ELV 3-wire reverse-phase dimming down to 1%  |
| <input type="checkbox"/> <b>ECOSYS1</b>                |    |                         | ●                 |     | (LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology |
| <input type="checkbox"/> <b>DALI</b>                   |    |                         | ●                 |     | DALI flicker-free dimming down to 0%   |
| <input type="checkbox"/> <b>DMX</b>                    |    |                         | ●                 | ●   | DMX flicker-free dimming down to 0%  |

<sup>14</sup>Driver specifications provided upon request.

<sup>15</sup>0/10V/S, 0/10V/1%, 0/10V/0%, TRC/1%, and ELV/1% may be specified as an integral driver or remote driver option. Choose the appropriate Base Model for driver location.

<sup>16</sup>X/STD = Integral Driver with Standard Lamping.

<sup>17</sup>Lutron Vive Control Systems are compatible only with X/STD and STD lamping. See more information for compatible Driver under 'Sensor Options'.

## 10. LENS — LINEAR/INDIRECT (CHOOSE ONE)

- ☐ **N** QS None. Select when specifying SMB base model or when indirect lamping is not desired
- ☐ **EXT** QS Extra diffuse, white frosted

## 11. FINISH (CHOOSE ONE. SEE PAGE 11 FOR LARGER SWATCHES AND ADDITIONAL INFORMATION)

### STANDARD FINISHES - QS ELIGIBLE

- ☐ **SW** QS ☐ Satin White
- ☐ **SB** QS ☐ Satin Black
- ☐ **AS** QS ☐ Aluminum Silver Anodized Effect
- ☐ **TB** QS ☐ Textured Black

### PREMIUM FINISHES

#### BASIC POWDER COAT

- ☐ **GW** ☐ Gloss White
- ☐ **AW** ☐ Antimicrobial Gloss White
- ☐ **TW** ☐ Textured Matte White

#### SATIN ANODIZED EFFECT POWDER COAT

- ☐ **OB** ☐ Oil-Rubbed Bronze
- ☐ **DB** ☐ Dark Bronze

#### METALLIC POWDER COAT

- ☐ **CG** ☐ Charcoal Grey
- ☐ **CU** ☐ Copper
- ☐ **BR** ☐ Brass

#### 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.alw-inc.com/finishes](http://www.alw-inc.com/finishes)
- ☐ **CCM** ☐ Custom Color Match - Specify a custom powder coat color match

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SS050824



## 12. VOLTAGE (CHOOSE ONE)

- ☐ **UNV** **QS** Universal Voltage (120VAC-277VAC)  
☐ **347<sup>18</sup>** 347 Volt (Driver options may be limited)

<sup>18</sup>Not available for base model fixtures with integrated drivers. Also not available for with EMB.

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

### A. EMERGENCY OPTIONS

- ☐ **EMB/\_\_\_<sup>19,20</sup>** **QS** Emergency Battery (indicate quantity — each battery powers up to a 4ft section)  
☐ **EMC/\_\_\_<sup>20</sup>** **QS** Emergency Circuit (indicate quantity of 4ft sections to be illuminated by emergency circuit)

<sup>19</sup>Not available for base model fixtures with integrated drivers.

<sup>20</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 (DEFAULT QUANTITY IS 1 SENSOR PER 8FT, INDICATE ALTERNATE QUANTITY IF DESIRED)

- ☐ **FCJS/\_\_\_<sup>21</sup>** Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010)  
☐ **FCJS/S/\_\_\_<sup>21</sup>** Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor)  
☐ **ENLGHT/\_\_\_<sup>22</sup>** **QS** Enlighted® remote connected lighting smart sensor (Enlighted Part: SU-5S-H) (occupancy, daylight, networking, and more)  
☐ **OS/\_\_\_** **QS** 0-10V remote occupancy sensor  
☐ **PH/\_\_\_** **QS** 0-10V remote photocell/daylight sensor

\*Quickship availability on occupancy and photocell/daylight sensors may vary. Contact ALW for more information.

<sup>21</sup>Lutron® Vive remote sensors are compatible with the following drivers: 0/10V/S or 0/10V/1. Programming required by Lutron Commissioner.

<sup>22</sup>Enlighted® sensors are compatible with the following drivers: 0/10V/S or 0/10V/1. 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 MODELS)

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

**QS** = QuickShip-qualifying option. For the entire luminaire configuration to be QuickShip-eligible, ALL options specified in the configuration must be ones notated with "QS". NOTE: Maximum 800 ft. of QuickShip-eligible product per order.

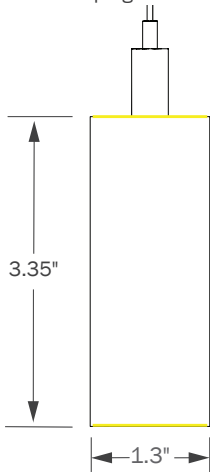
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## MECHANICAL DIAGRAMS

### SUSPENDED

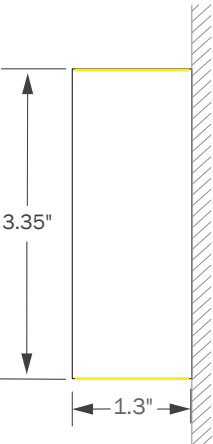
Suspended mounting can be specified with direct, indirect, or both direct and indirect lighting.



**HB1.25S / HB1.25XS**  
SUSPENDED MOUNT

### WALL/SURFACE MOUNT

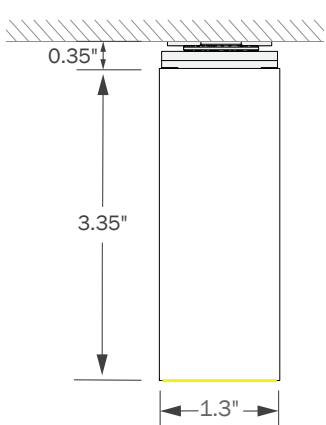
Wall mounting can be specified with direct, indirect, or both direct and indirect lighting. There are keyholes on the fixture for wall mounting, as shown.



**HB1.25W**  
WALL MOUNT



**HB1.25WB / HB1.25XWB**  
WALL MOUNT WITH BRACKET



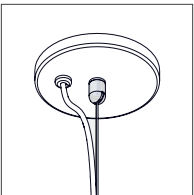
**HB1.25SMB / HB1.25XSMB**  
SURFACE (BACK) MOUNT

## SUSPENSION MOUNTING



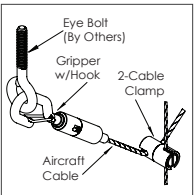
### CEILING HARDWARE

- (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

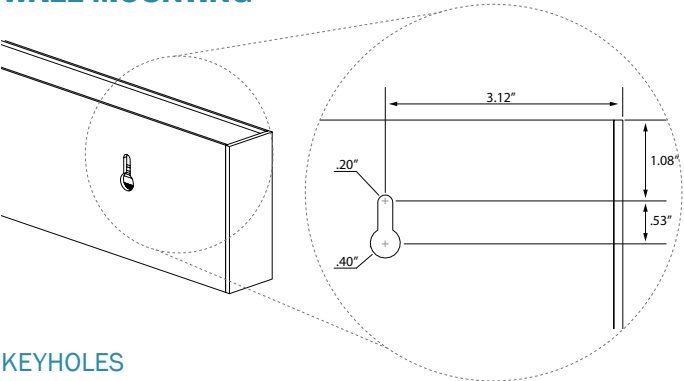
Choose option COMBO to specify 4.5" canopies at feed locations with power feed and aircraft cable suspension mounting. Canopy finish is always white. Contact ALW for alternate colors.



### SEISMIC BRACING

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

## WALL MOUNTING



### KEYHOLES

For wall mounting, there will be keyholes on the fixture. The key hole dimensions are shown above, and fit a #8 screw. Keyholes can be specified at different locations along fixture, if necessary. Available only for remote driver base models.





## SPECIFYING FOR THE WELL BUILDING STANDARD™ - WELL™

ALW is committed to providing the highest quality luminaires for a multitude of applications, with many versatile lighting solutions that contribute to satisfying the WELL Building Standard. WELL is currently transitioning from WELL V1 to WELL V2. Below is a quick guide to assist you in specifying appropriate product configurations for WELL V2 features. Links to official WELL standards can be found here: [WELL V1](#) & [WELL V2](#).

### GLARE CONTROL WELL V2: FEATURE L04

Glare is defined as excessive brightness of a light-source, excessive brightness-contrasts and excessive quantities of light. Glare has been associated with a host of health issues that range from visual discomfort and eye fatigue to headaches and migraines.

To conform to Glare Control requirements, each luminaire must meet one of the following options (a, b, or d) for regularly occupied spaces.

| GLARE CONTROL CRITERIA<br>(3PT MAX)                     | COMPLIANT | VALUE  | HOW TO SPECIFY   |
|---|-----------|--|--|
| a. Indirect (100% emission above horizontal)            | ✓         | 100%   | 1. Select <b>N</b> (None) for <b>LED LAMPING - DIRECT</b><br>2. Select <b>any of the options</b> for <b>LED LAMPING - INDIRECT</b>   |
| b. Unified Glare Rating (UGR)*                          | ✓         | 10.00 @ 16ft (HI Output, 25° Spots)<br>10.00 @ 20ft (HI Output, 25° Spots)<br>14.93 @ 16ft (HI Output, 40° Spots)<br>10.00 @ 20ft (HI Output, 40° Spots)               | 1. Select <b>N</b> for <b>LED LAMPING - LINEAR/DIRECT</b><br>2. Select an output of <b>MIN, LOW, MED, or HI</b> for <b>LED SPOTLIGHT - DIRECT</b><br>3. Select <b>25°</b> or <b>40°</b> for <b>LED SPOTLIGHT - DIRECT</b>  |
| c. Shielding Angle                                      | No        | -  | -  |
| d. Max. Luminance (45°-90°)<br>Max. Intensity (45°-90°) | ✓         | 2517 cd/m <sup>2</sup> @ HI Output, 25° Spots<br>4123.43 cd @ HI Output, 25° Spots<br>8621 cd/m <sup>2</sup> @ MED Output, 40° Spots<br>738.90 @ MED Output, 40° Spots | <b>25° SPOTS</b><br>1. Select <b>N</b> for <b>LED LAMPING - LINEAR/DIRECT</b><br>2. Select an output of <b>MIN, LOW, MED, or HI</b> for <b>LED SPOTLIGHT - DIRECT</b><br>3. Select <b>25°</b> for <b>LED SPOTLIGHT - DIRECT</b><br><br><b>40° SPOTS</b><br>1. Select <b>N</b> for <b>LED LAMPING - LINEAR/DIRECT</b><br>2. Select an output of <b>MIN, LOW, or MED</b> for <b>LED SPOTLIGHT - DIRECT</b><br>3. Select <b>40°</b> for <b>LED SPOTLIGHT - DIRECT</b> |

\*Advertised UGR values are averages and were calculated in AGI32 using the following method: 1) A 5.4m x 3.6m room was created and fixtures were spaced 2m apart center-to-center. Calculations were performed at 16ft. and 20ft.

### ELECTRIC LIGHT QUALITY - PART 1: COLOR RENDERING QUALITY + PART 2: FLICKER WELL V2: FEATURE L07

Using light sources that have characteristics similar to daylight, including high color rendering and minimal flicker can improve comfort and well-being of users in a space and contribute to creating a healthy environment.

Part 1: Each luminaire must meet one of the following requirements (a or b) for regularly occupied spaces.

Part 2: Each luminaire must meet the IEEE 1789-2015 Standard Recommended Practice to manage flicker.

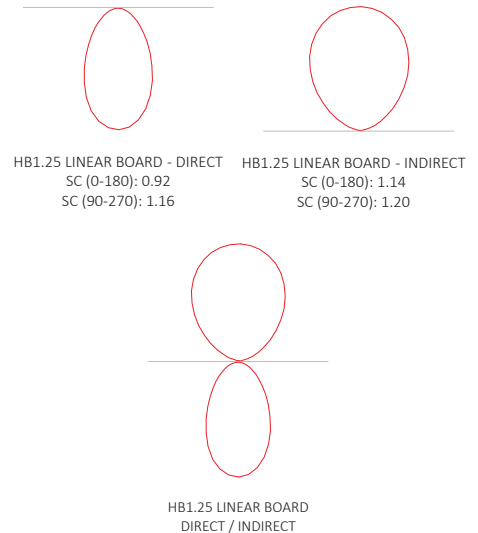
| PART 1 - ENSURE COLOR<br>RENDERING QUALITY (1PT MAX)  | COMPLIANT | VALUE   | HOW TO SPECIFY   |
|---|-----------|---|--|
| a. CRI > 90   | ✓         | CRI = 93 - 95                                       | • Select <b>90</b> (90CRI) for <b>LED LAMPING</b>                                    |
| b. CRI > 80 with R9 > 50                              | No        | -   | -  |
| c. IES Rf ≥ 78, IES Rg ≥ 100, -1% ≤ IES Rcs, h1 ≤ 15% | No        | -   | -  |
| PART 2 - MANAGE FLICKER<br>(1PT MAX)                  | COMPLIANT | VALUE   | HOW TO SPECIFY   |
| Meets IEEE 1789-2015 Standard<br>Recommended Practice | ✓         | Modulation = 1%<br>Flicker Frequency = 120 - 2000Hz | • Select <b>0/10V/S, 0/10V/1%, ECOSYS1, DALI</b> or <b>DMX</b> for <b>LED DRIVER</b> |

SS050824



## PERFORMANCE DETAILS – DIRECT OR INDIRECT LINEAR LAMPING (PER FOOT)

| OUTPUT                  | DELIVERED LUMENS (LM/FT)<br><i>direct</i><br><i>indirect</i> | WATTS (W/FT) | EFFICACY (LM/W)  | CRI OPTIONS | CCT OPTIONS                      |
|-------------------------|--|--------------|--|-------------|----------------------------------|
| <b>MIN<sup>21</sup></b> | 200<br>250   | 2.25         | Up to<br>89 lm/W<br>( <i>direct</i> )<br><br>117 lm/W<br>( <i>indirect</i> ) | 80<br>90    | 2700K<br>3000K<br>3500K<br>4000K |
| <b>LOW<sup>21</sup></b> | 300<br>400   | 3.375        |  |             |                                  |
| <b>MED<sup>21</sup></b> | 400<br>525   | 4.5          |  |             |                                  |
| <b>HI<sup>21</sup></b>  | 600<br>800   | 6.75         |  |             |                                  |
| <b>MAX</b>              | 800<br>1050  | 9.0          |  |             |                                  |
| <b>RGB<sup>21</sup></b> | Color-Changing RGB   | 5            | N/A  | N/A         | N/A                              |

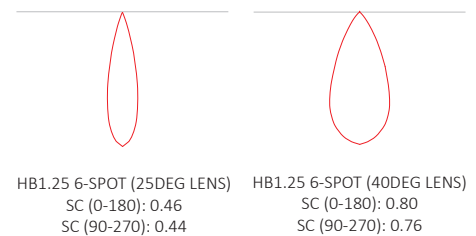


<sup>21</sup>Performance calculations are extrapolated estimates based on actual performance data of MAX output at 80 CRI and 4000K and EXT lens.

<sup>22</sup>DMX driver recommended; controller not included.

## PERFORMANCE DETAILS – SPOTLIGHT LAMPING (PER FOOT)

| OUTPUT     | DELIVERED LUMENS (LM/FT) | WATTS (W/FT) | EFFICACY (LM/W)  | CRI OPTIONS | CCT OPTIONS                      |
|------------|--------------------------|--------------|------------------|-------------|----------------------------------|
| <b>MIN</b> | 500                      | 5.6          | Up to<br>83 lm/W | 80<br>90    | 2700K<br>3000K<br>3500K<br>4000K |
| <b>LOW</b> | 700                      | 8.4          |                  |             |                                  |
| <b>MED</b> | 1000                     | 12           |                  |             |                                  |
| <b>HI</b>  | 1400                     | 18.4         |                  |             |                                  |





### HB1.25 VOLTAGE DROP CHART FOR REMOTE DRIVERS — WHITE LED (29VDC)

For best performance, ensure proper wire gauge is installed between the remote LED driver and canopy that is dropping power to your fixture. *This chart only applies to HB1.25 White LEDs at 24VDC. Do not use this chart to calculate voltage drop for other fixtures.*

| WIRE GAUGE | 20W<br>0.83A | 30W<br>1.25A | 40W<br>1.67A | 50W<br>2.08A | 60W<br>2.50A | 70W<br>2.92A | 80W<br>3.33A | 90W<br>3.75A | 100W<br>4.17A |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 18 AWG     | 90 ft.       | 58 ft.       | 41 ft.       | 31 ft.       | 25 ft.       | 20 ft.       | 16 ft.       | 14 ft.       | 11 ft.        |
| 16 AWG     | 150 ft.      | 97 ft.       | 70 ft.       | 55 ft.       | 44 ft.       | 37 ft.       | 31 ft.       | 27 ft.       | 23 ft.        |
| 14 AWG     | 242 ft.      | 158 ft.      | 117 ft.      | 92 ft.       | 75 ft.       | 63 ft.       | 54 ft.       | 48 ft.       | 42 ft.        |
| 12 AWG     | 390 ft.      | 257 ft.      | 190 ft.      | 151 ft.      | 124 ft.      | 105 ft.      | 91 ft.       | 80 ft.       | 71 ft.        |
| 10 AWG     | 623 ft.      | 413 ft.      | 307 ft.      | 245 ft.      | 202 ft.      | 172 ft.      | 150 ft.      | 132 ft.      | 118 ft.       |

### HB1.25 VOLTAGE DROP CHART FOR REMOTE DRIVERS — RGB LED (24VDC)

For best performance, ensure proper wire gauge is installed between the remote LED driver and canopy that is dropping power to your fixture. *This chart only applies to HB1.25 RGB LEDs at 24VDC. Do not use this chart to calculate voltage drop for other fixtures.*

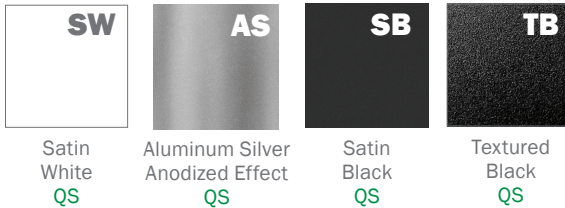
| WIRE GAUGE | 20W<br>0.83A | 30W<br>1.25A | 40W<br>1.67A | 50W<br>2.08A | 60W<br>2.50A | 70W<br>2.92A | 80W<br>3.33A | 90W<br>3.75A | 100W<br>4.17A |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| 18 AWG     | 59 ft.       | 37 ft.       | 26 ft.       | 19 ft.       | 14 ft.       | 11 ft.       | 8 ft.        | 7 ft.        | 5 ft.         |
| 16 AWG     | 99 ft.       | 63 ft.       | 46 ft.       | 35 ft.       | 28 ft.       | 22 ft.       | 18 ft.       | 15 ft.       | 13 ft.        |
| 14 AWG     | 163 ft.      | 106 ft.      | 77 ft.       | 60 ft.       | 49 ft.       | 40 ft.       | 34 ft.       | 30 ft.       | 26 ft.        |
| 12 AWG     | 264 ft.      | 173 ft.      | 128 ft.      | 100 ft.      | 82 ft.       | 69 ft.       | 60 ft.       | 52 ft.       | 46 ft.        |
| 10 AWG     | 424 ft.      | 280 ft.      | 208 ft.      | 165 ft.      | 136 ft.      | 115 ft.      | 100 ft.      | 88 ft.       | 78 ft.        |



## STANDARD FINISHES

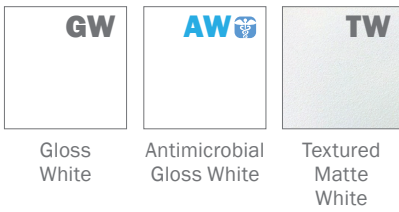
Standard finishes are available at no additional charge.

### STANDARD FINISHES - QS ELIGIBLE

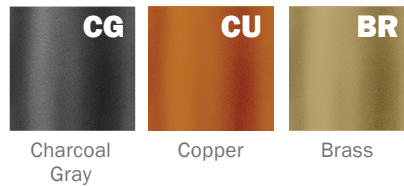


## PREMIUM FINISHES

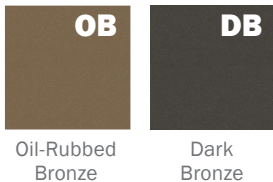
### BASIC POWDER COAT



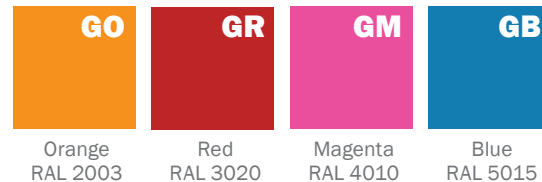
### METALLIC POWDER COAT



### SATIN ANODIZED EFFECT POWDER COAT



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



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.alw-inc.com/resources/finishes](http://www.alw-inc.com/resources/finishes)



### CUSTOM COLOR MATCH: CCM\_ \_ \_ \_

Custom powder coat color matching is available for a premium setup fee. Consult [ALW](http://www.alw-inc.com) 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



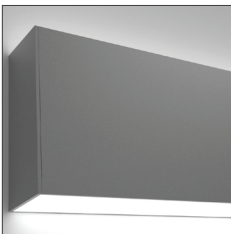
## ADDITIONAL OPTIONS & SPECIFICATIONS

### LED PERFORMANCE

For standard lampings:  $L_{70} > 54,000$  hours.  
Luminous flux +/- 5%.

### LENS

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



EXT — EXTRA DIFFUSE

### HOUSING

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

### SAFETY & REGULATORY

#### REMOTE DRIVER CERTIFICATIONS

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.  
Conforms to UL std. 2108, Low Voltage Luminaires / Low Voltage Lighting Systems.  
Certified to CSA std. C22.2#9.0:1996 Ed. 1+S1.

#### INTEGRATED DRIVER CERTIFICATIONS

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 TEMPERATURE

Luminaire should be installed and operated ONLY in dry or damp environments 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: [alw-inc.com/warranty](http://alw-inc.com/warranty)

### WEIGHT

Approximately 2.2 lbs. per linear foot. Weight may vary depending on mounting and additional options selected.

### 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.