HBEAM 1.25 MIX & MATCH

HB1.25 | PRE-DESIGNED SPOT & LINEAR LAMPING COMBINATIONS SUSPENDED, WALL, SURFACE | REMOTE DRIVER

PRE-DESIGNED STRAIGHT SECTIONS

1.25" Aperture
2ft - 8ft straight sections (custom lengths/shapes available upon request)

LAMPING

Specify lamping with spotlight and linear combinations
LED - Direct & Indirect - 80/90 CRI - 2700K/3000K/3500K/4000K
Output Options: MIN/LOW/MED/HI/MAX/RGB
Dimming down to 0% (Remote Driver)
Integrated driver available as custom modification. Contact ALW for details

COLORS & FINISHES

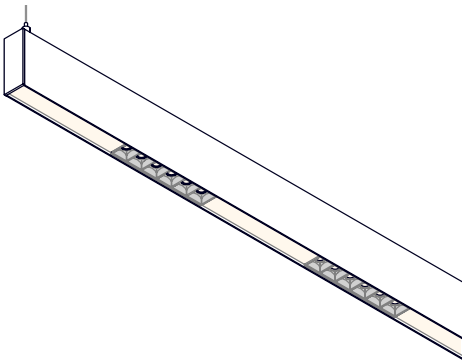
18 standard finishes available at no extra charge
RAL classic colors, TCI / Tiger Drylac catalog colors, and custom color match also available

CONSTRUCTION

Extruded 6063-T5 Aluminum

SPECIFYING FOR WELL™?

See page 11 for recommended options that contribute to meeting the WELL Building Standard™.



QuickShip Eligible

Intertek

enlighted

VIVE by LUTRON

PRODUCT SUBMITTAL WORKSHEET

SAMPLE PRODUCT CODE

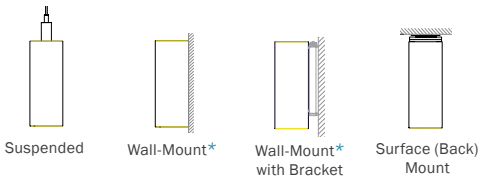
HB1.25S — S8 — HI/90/3500 — 0/10V/S — EXT — SL3/MED/90/3500/25 — 5 — 0/10V/S — MED/90/3500 — 0/10V/S — EXT — WH — UNV — EMB/1
1 2 3 4 5 6 7 8 9 10 11 12 13 14A

— ENLGHT/1 — COMBO — SB
14B 14C

1. BASE MODEL (CHOOSE ONE)

☐	**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

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



2. NOMINAL LENGTH* (CHOOSE ONE)

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

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

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*

A. OUTPUT

- ☐ QS **MIN**
- ☐ QS **LOW**
- ☐ QS **MED**
- ☐ QS **HI**
- ☐ QS **MAX**
- ☐ **RGB**

B. CRI[1]

- ☐ QS **80**
- ☐ QS **90**

C. CCT[1]

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

[1]*CRI/CCT not applicable for RGB lamping.*

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 12 for complete details.		Up to 89 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.*

SS111020

4. REMOTE DRIVER[2] — LINEAR/DIRECT (CHOOSE ONE. X/STD, STD, TUNE, RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

		STD[3]	RGB	
☐ **N**	QS			None. Select when direct lamping is not desired.
☐ **0/10V/S**	QS	●		0-10V dimming down to 5% (Standard Dimming — Down to 10% for TUNE lamping)
☐ **0/10V/1%**	QS	●		0-10V dimming down to 1%
☐ **0/10V/0%**	QS	●		0-10V premium dimming down to 0%
☐ **TRC/1%**	QS	●		TRIAC 2-wire forward-phase dimming down to 1%
☐ **ELV/1%**	QS	●		ELV 3-wire reverse-phase dimming down to 1%
☐ **ECOSYS1**	QS	●		(LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
☐ **ECOSYS5**		●		(LDE5) Lutron 5-Series Ecosystem LED driver (Dims to 5%)
☐ **DALI**		●		DALI flicker-free dimming down to 0%
☐ **DMX**		●	●	DMX flicker-free dimming down to 0%

[2]*Driver specifications provided upon request.*
[3]*Lutron Vive Control Systems are compatible only with STD lamping. See more information for compatible Drivers under 'Sensor Options'.*

5. LENS — LINEAR/DIRECT (CHOOSE ONE)

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

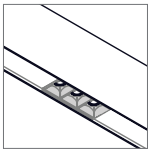
6. LED SPOTLIGHT — DIRECT* (SELECT NONE OR ONE UNDER A, B, D, & E)

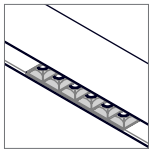
QS — All standard spotlight options below are QuickShip-qualifying.

☐ **N** QS None. *Select when spotlights are not desired or when specifying Wall Mount base model.*

A. SPOT[4]

☐ **SL3** (Cluster of 3)
☐ **SL6** (Cluster of 6)


SL3


SL6

B. OUTPUT

☐ **MIN**
☐ **LOW**
☐ **MED**
☐ **HI**

C. CRI

☐ **80**
☐ **90**

D. CCT

☐ **2700K**
☐ **3000K**
☐ **3500K**
☐ **4000K**

E. BEAM SPREAD

☐ **25°**
☐ **40°**

[4]*LED Spotlights not specifiable with HB1.25W Wall Mount as LED hot-spotting will be visible on wall surface.*

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 12 for complete details.		Up to 83 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.

SS111020

7. LED SPOTLIGHT QTY — DIRECT* (CHOOSE ONE — FOR CUSTOM QUANTITY/SPACING, CONSULT ALW)

☐ **N**	QS	None. *Select when spotlights are not desired.*
☐ **SE***	QS	Spotlights WITHOUT linear direct lamping. Spotlights & cover plates intermittently spaced ~1ft. *Select NONE for Direct Lamping.*
☐ **___***	QS	Spotlights WITH linear direct lamping. Select spotlight quantity below. *Compatible only with 3ft-8ft sections. See pgs. 7-8 for* details.

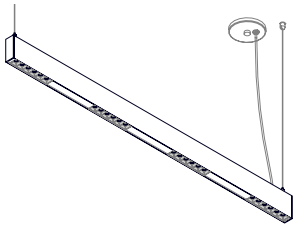
**LED Spotlights not specifiable with HB1.25W Wall Mount as LED hot-spotting will be visible on wall surface.*

SL3 (3 CLUSTER) QUANTITY OPTIONS

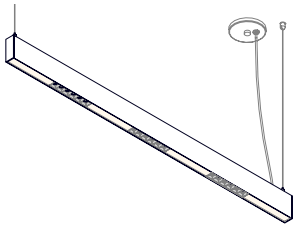
3FT	4FT	5FT	6FT	7FT	8FT
☐ 3	☐ 3	☐ 3	☐ 3	☐ 3	☐ 3
		☐ 4	☐ 4	☐ 4	☐ 4
			☐ 5	☐ 5	☐ 5

SL6 (6 CLUSTER) QUANTITY OPTIONS

3FT	4FT	5FT	6FT	7FT	8FT
☐ 2	☐ 2	☐ 2	☐ 2	☐ 2	☐ 2
	☐ 3	☐ 3	☐ 3	☐ 3	☐ 3
			☐ 4	☐ 4	☐ 4
					☐ 5



(SE) This is a 6ft section with spotlights intermittently spaced every 1ft and no linear lamping.



(3) SL6: This is a 6ft section with a quantity of three (3) SL6 (6-Cluster) spotlights along with linear lamping.

8. REMOTE DRIVER[5] — SPOTLIGHT (CHOOSE ONE)

☐ **N**	QS	None. Select when direct lamping is not desired.
☐ **[_____]**	QS	Same as *Driver — Linear/Direct*. *Select this option when specifying both Linear/Direct AND Spotlight lamping.*
☐ **0/10V/S**	QS	0-10V dimming down to 5% (Standard Dimming — Down to 10% for TUNE lamping)
☐ **0/10V/1%**	QS	0-10V dimming down to 1%
☐ **0/10V/0%**	QS	0-10V premium dimming down to 0%
☐ **TRC/1%**	QS	TRIAC 2-wire forward-phase dimming down to 1%
☐ **ELV/1%**	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%

[5]Driver specifications provided upon request.
**See more information for compatible Driver under 'Sensor Options' for Lutron Vive Control Systems)*
**Spotlights not available with Lutron Ecosystem Drivers*

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.*

SS111020

9. 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[6]	C. CCT[6]
☐ QS **MIN**	☐ QS **80**	☐ QS **2700K**
☐ QS **LOW**	☐ QS **90**	☐ QS **3000K**
☐ QS **MED**		☐ QS **3500K**
☐ QS **HI**		☐ QS **4000K**
☐ QS **MAX**		
☐ **RGB**		

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 12 for complete details.		Up to 117 lm/W

[6]*CRI/CCT not applicable for RGB lamping.*

10. REMOTE DRIVER[7] — LINEAR/INDIRECT (CHOOSE ONE. X/STD, STD, TUNE, RGB(W) TABLE INDICATES COMPATIBLE LED LAMPING)

		STD[8]	RGB	
☐ **N**	QS			None. Select when direct lamping is not desired.
☐ **0/10V/S**	QS	●		0-10V dimming down to 5% (Standard Dimming — Down to 10% for TUNE lamping)
☐ **0/10V/1%**	QS	●		0-10V dimming down to 1%
☐ **0/10V/0%**	QS	●		0-10V premium dimming down to 0%
☐ **TRC/1%**	QS	●		TRIAC 2-wire forward-phase dimming down to 1%
☐ **ELV/1%**	QS	●		ELV 3-wire reverse-phase dimming down to 1%
☐ **ECOSYS1**	QS	●		(LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
☐ **ECOSYS5**		●		(LDE5) Lutron 5-Series Ecosystem LED driver (Dims to 5%)
☐ **DALI**		●		DALI flicker-free dimming down to 0%
☐ **DMX**		●	●	DMX flicker-free dimming down to 0%

[7]*Driver specifications provided upon request.*
[8]*Lutron Vive Control Systems are compatible only with STD lamping. See more information for compatible Driver under 'Sensor Options'.*

11. 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

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.*

SS111020

12. FINISH (CHOOSE ONE. SEE PAGE 14 FOR LARGER SWATCHES AND ADDITIONAL INFORMATION)

STANDARD FINISHES

ALUMINUM

- ☐ **AL** QS Anodized Aluminum

BASIC POWDER COAT

- ☐ **GW** Gloss White
- ☐ **SW** QS 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** QS 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

13. VOLTAGE (CHOOSE ONE)

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

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

A. EMERGENCY OPTIONS

- ☐ **EMB/__**[9] QS Emergency Battery *(indicate quantity — each battery powers up to a 4ft section)*
- ☐ **EMC/__**[9] QS Emergency Circuit *(indicate quantity of 4ft sections to be illuminated by emergency circuit)*

[9]*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/__**[10] Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010)
- ☐ **FCJS/S/__**[10] Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor)
- ☐ **ENLGHT/__**[11] Enlighted® remote connected lighting smart sensor (Enlighted Part: SU-5S-H) *(occupancy, daylight, networking, and more)*
- ☐ **OS/__** 0-10V remote occupancy sensor
- ☐ **PH/__** 0-10V remote photocell/daylight sensor

[10]*Lutron® Vive remote sensors are compatible with the following drivers: 0/10V/S or 0/10V/1. Programming required by Lutron Commissioner.*
[11]*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.*

SS111020

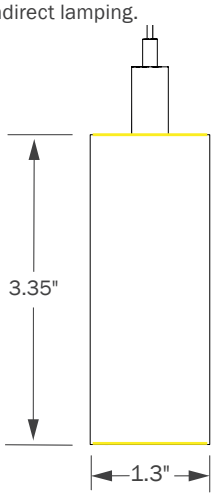
MECHANICAL DIAGRAMS

SUSPENDED

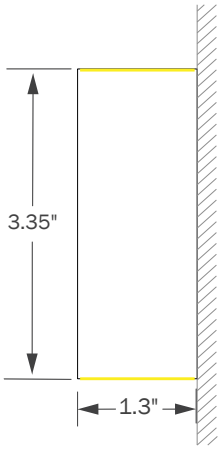
Suspended mounting can be specified with direct, indirect, or both direct and indirect lamping.

WALL/SURFACE MOUNT

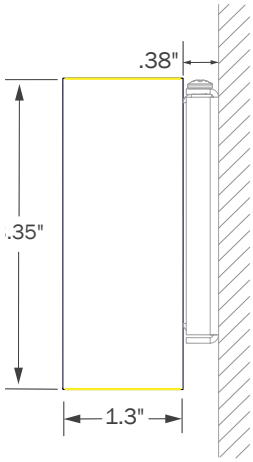
Wall mounting can be specified with direct, indirect, or both direct and indirect lamping. There are keyholes on the fixture for wall mounting, as shown.



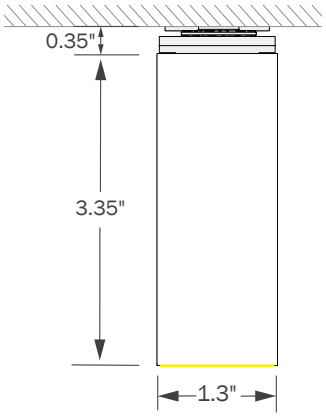
HB1.25S
SUSPENDED MOUNT



HB1.25W
WALL MOUNT



HB1.25WB
WALL MOUNT
WITH BRACKET

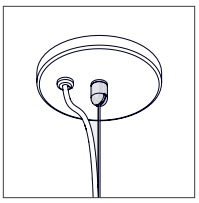


HB1.25SMB
SURFACE (BACK) MOUNT

SUSPENSION MOUNTING

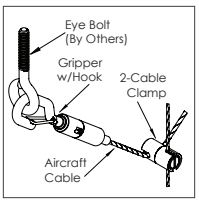
CEILING HARDWARE

(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

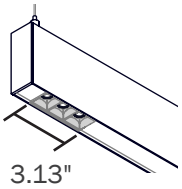
Choose option COMBO to specify 4.5" canopies at feed locations with power feed and aircraft cable suspension mounting. Canopy finish is always white. Contact ALW for alternate colors.

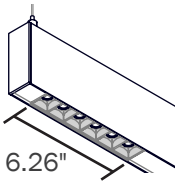


SEISMIC BRACING

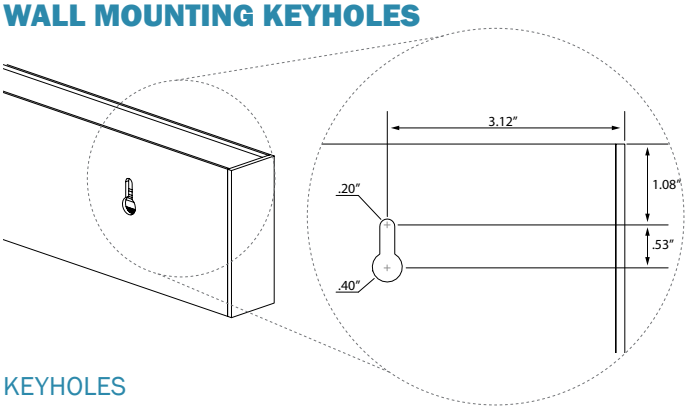
Add-on hardware includes cable gripper with hook, 2-cable clamp and specified length of aircraft cable per suspension point.

SPOTLIGHT DIMENSIONS





WALL MOUNTING KEYHOLES



KEYHOLES

For wall mounting (remote driver options only), 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.

SS111020

3 CLUSTER (SL3) CONFIGURATIONS

3FT

QTY 3

4FT

QTY 3

5FT

QTY 3

QTY 4

6FT

QTY 3

QTY 4

QTY 5

7FT

QTY 3

QTY 4

QTY 5

8FT

QTY 3

QTY 4

QTY 5

6 CLUSTER (SL6) CONFIGURATIONS

3FT

QTY 2

4FT

QTY 2

QTY 3

5FT

QTY 2

QTY 3

6FT

QTY 2

QTY 3

QTY 4

7FT

QTY 2

QTY 3

QTY 4

QTY 5

8FT

QTY 2

QTY 3

QTY 4

QTY 5

INTERMITTENTLY (EVENLY) SPACED SPOTLIGHT CONFIGURATIONS (NO LINEAR LAMPING)

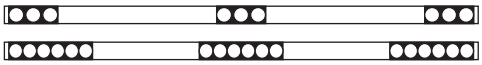
2FT

SL6

3FT

SL3

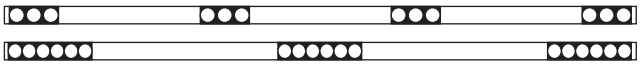
SL6



4FT

SL3

SL6



5FT

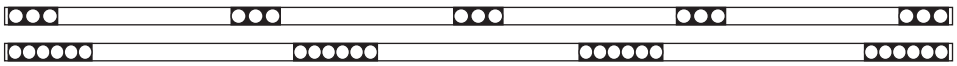
SL3

SL6

6FT

SL3

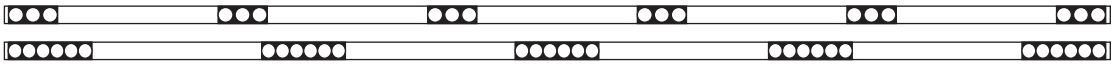
SL6



7FT

SL3

SL6



8FT

SL3

SL6

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 (3PT MAX)	COMPLIANT	VALUE	HOW TO SPECIFY
a. Indirect (100% emission above horizontal)	✓	100%	1. Select **N** (None) for **LED LAMPING - DIRECT** 2. Select **any of the options** for **LED LAMPING - INDIRECT**
b. Unified Glare Rating (UGR)*	✓	10.00 @ 16ft (HI Output, 25° Spots) 10.00 @ 20ft (HI Output, 25° Spots) 14.93 @ 16ft (HI Output, 40° Spots) 10.00 @ 20ft (HI Output, 40° Spots)	1. Select **N** for **LED LAMPING - LINEAR/DIRECT** 2. Select an output of **MIN, LOW, MED, or HI** for **LED SPOTLIGHT - DIRECT** 3. Select **25°** or **40°** for **LED SPOTLIGHT - DIRECT**
c. Shielding Angle	No	-	-
d. Max. Luminance (45°–90°) Max. Intensity (45°–90°)	✓	2517 cd/m² @ HI Output, 25° Spots 4123.43 cd @ HI Output, 25° Spots 8621 cd/m² @ MED Output, 40° Spots 738.90 cd @ MED Output, 40° Spots	**25° SPOTS** 1. Select **N** for **LED LAMPING - LINEAR/DIRECT** 2. Select an output of **MIN, LOW, MED, or HI** for **LED SPOTLIGHT - DIRECT** 3. Select **25°** for **LED SPOTLIGHT - DIRECT** **40° SPOTS** 1. Select **N** for **LED LAMPING - LINEAR/DIRECT** 2. Select an output of **MIN, LOW, or MED** for **LED SPOTLIGHT - DIRECT** 3. Select **40°** for **LED SPOTLIGHT - DIRECT**

**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

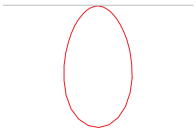
Using light sources that have characteristics similar to daylight, including high color rendering and minimal flicker can improve comfort and well-being of users in a space and contribute to creating a healthy environment.

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.

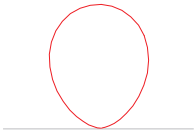
PART 1 - ENSURE COLOR RENDERING QUALITY (1PT MAX)	COMPLIANT	VALUE	HOW TO SPECIFY
a. CRI > 90	✓	CRI = 93 - 95	• Select **90** (90CRI) for **LED LAMPING**
b. CRI > 80 with R9 > 50	No	-	-
c. IES Rf ≥ 78, IES Rg ≥ 100, -1% ≤ IES Rcs, h1 ≤ 15%	No	-	-
PART 2 - MANAGE FLICKER (1PT MAX)	**COMPLIANT**	**VALUE**	**HOW TO SPECIFY**
Meets IEEE 1789-2015 Standard Recommended Practice	✓	Modulation = 1% Flicker Frequency = 120 - 2000Hz	• Select **0/10V/S, 0/10V/1%, ECOSYS1, ECOSYS5**, **DALI** or **DMX** for **LED DRIVER**

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

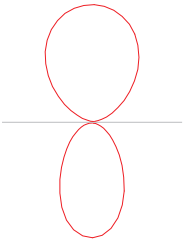
OUTPUT	DELIVERED LUMENS (LM/FT) *direct indirect*	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
MIN[21]	200 250	2.25	Up to 89 lm/W *(direct)* 117 lm/W *(indirect)*	80 90	2700K 3000K 3500K 4000K
LOW[21]	300 400	3.375			
MED[21]	400 525	4.5			
HI[21]	600 800	6.75			
MAX	800 1050	9.0			
RGB[21]	Color-Changing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



HB1.25 LINEAR BOARD - DIRECT
SC (0-180): 0.92
SC (90-270): 1.16



HB1.25 LINEAR BOARD - INDIRECT
SC (0-180): 1.14
SC (90-270): 1.20

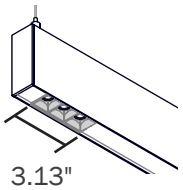


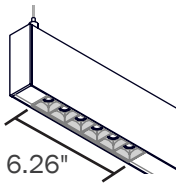
HB1.25 LINEAR BOARD
DIRECT / INDIRECT

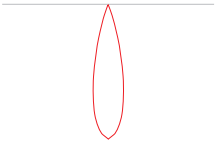
[21]Performance calculations are extrapolated estimates based on actual performance data of MAX output at 80 CRI and 4000K and EXT lens.
[22]DMX driver recommended; controller not included.

PERFORMANCE DETAILS – SPOTLIGHT LAMPING (PER CLUSTER)

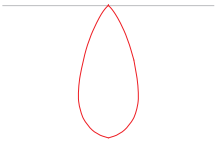
OUTPUT	DELIVERED LUMENS (LM) *SL3 SL6*	WATTS (W) *SL3 SL6*	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
MIN	125 250	1.4 2.8	Up to 89 lm/W	80 90	2700K 3000K 3500K 4000K
LOW	175 350	2.1 4.2			
MED	250 500	3 6			
HI	375 700	4.6 9.2			







HB1.25 6-SPOT (25DEG LENS)
SC (0-180): 0.46
SC (90-270): 0.44



HB1.25 6-SPOT (40DEG LENS)
SC (0-180): 0.80
SC (90-270): 0.76

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 0.83A	30W 1.25A	40W 1.67A	50W 2.08A	60W 2.50A	70W 2.92A	80W 3.33A	90W 3.75A	100W 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 0.83A	30W 1.25A	40W 1.67A	50W 2.08A	60W 2.50A	70W 2.92A	80W 3.33A	90W 3.75A	100W 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.

ALUMINUM

AL

Anodized Aluminum
QS

BASIC POWDER COAT

GW Gloss White

SW Satin White
QS

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
QS

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 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)

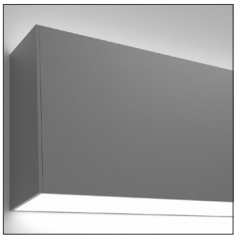
ADDITIONAL OPTIONS & SPECIFICATIONS

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

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.

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 5-year warranty. Details: alwusa.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.