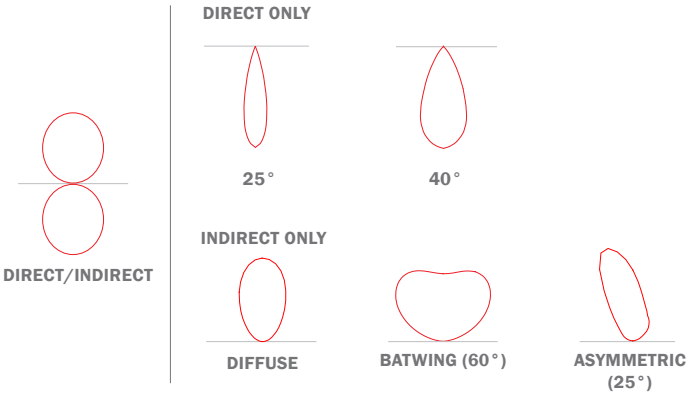
HBEAM 1.25
CONTINUOUS SPOTS
HB1.25 | INTEGRAL OR REMOTE DRIVER | SUSPENDED, SURFACE

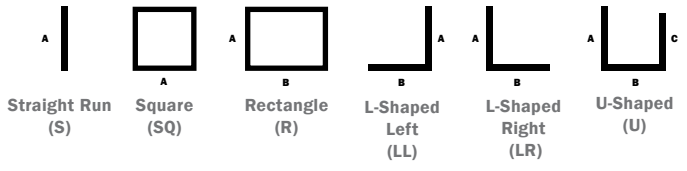
SPECIFICATIONS

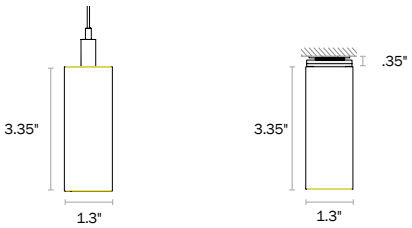
PROFILE	1.25” Aperture
SIZES	Configurable in linear shapes and straight run sections
LED OUTPUT	Linear (indirect only); 250 - 1050 lm/ft Spots direct: 500 - 1400 lm/ft Linear + Spot clusters available as custom request
CCT/CRI	2700K/3000K/3500K/4000K • 80 or 90+ CRI • RGB (linear only)
DIMMING/ DRIVER	Integral and Remote Driver: 0-10V, DALI, DMX, eldoLED, Lutron®, PoE (Molex, Igor, NuLEDS). Dimming to 0% for select models.
POWER	Linear indirect; 2.3W - 9W per ft Spots direct: 5.6 - 18.4W per ft
INPUT	120VAC, 277VAC, or 347VAC
OPTICS	Linear: Diffuse lambertian, Asymmetric (25°), Batwing (60°) Spots: 25° and 40° reflectors
FINISHES	16 powder coat finishes - Custom finishes also available
MATERIAL	Extruded 6063-T5 Aluminum
ENVIRONMENT	Dry or damp locations
WELL/UGR	See page 6 for recommended options that contribute to meeting the WELL Building Standard™. UGR values available under ‘Glare Control’ on page 6.

*Safety and Performance information available on last page. Output and other specifications available on page 7.

DISTRIBUTIONS & PROFILES







Not to scale. Dimensions are nominal. Consult factory for CAD drawing

Intertek · QuickShip Eligible · enlighted · nLIGHT · molex · igor · VIVE by LUTRON · COOPER Lighting Solutions · PoE Ready · NuLEDs

Rev 121224

ALW

PRODUCT SPECIFICATION SHEET

1 – 2 – 3a 3b 3c – 4 – 5a 5b 5c – 6 – 7 – 8 – 9 – 10a – 10b – 10c 11

EXAMPLE: HB1.25S — S9 — MED/90/3500/25 — V00 — MED/90/3500 — V00 — EXT — SW — UNV — EMB/1 — MLX — SB — QS
1 2 3 4 5 6 7 8 9 10A 10B 10c 11

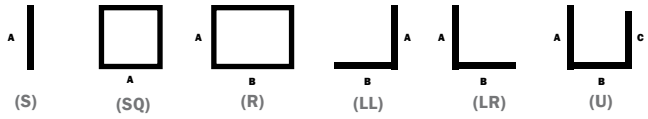
1. BASE MODEL (CHOOSE 1)

QS ☐ **HB1.25S** Suspended
QS ☐ **HB1.25SMB** Surface (Back) Mount *(Front Facing)*

2. SHAPE/LENGTH (CHOOSE 1 & ENTER LENGTH IN FEET) - FOR CUSTOM ANGLES, CONTACT ALW

QS ☐ **S__** Individual/Straight Run Section *(enter length in product code above, 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)



(S) (SQ) (R) (LL) (LR) (U)

3. LED SPOTLIGHT - DIRECT* (CHOOSE 1 FOR EACH)

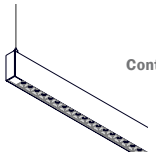
A. OUTPUT*
QS ☐ **MIN** (500 lm/ft)
QS ☐ **LOW** (700 lm/ft)
QS ☐ **MED** (1000 lm/ft)
QS ☐ **HI**[1] (1400 lm/ft)

B. CRI
QS ☐ **90**
☐ **80**

C. CCT
☐ **2700K**
QS ☐ **3000K**
QS ☐ **3500K**
QS ☐ **4000K**

D. BEAM SPREAD
QS ☐ **25**
QS ☐ **40**

*For delivered lumens and watts, see 'Performance Details'
[1]Not available for base model fixtures with integral drivers


Continuous Spots (Direct)

4. DRIVER - SPOTLIGHT DIRECT* (CHOOSE 1)

QS ☐ **V00** (0-10V, dim to 0%)
QS ☐ **V01** (0-10V, dim to 1%)
QS ☐ **V05** (0-10V, dim to 5%)
☐ **P01** (Phase, dim to 1%)
☐ **LDE1** (Lutron ECOSYS1, 0-10V, dim to 1%)
☐ **DALI** (DALI, dim to 0%)
☐ **DMX** (DMX, dim to 0%)
☐ **POEM** (POE Molex)
☐ **POEI** (POE IGOR)
☐ **POEN** (POE Nuleds)
☐ **POE**[2] (POE Ready)

*See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility
[2]Choose desired PoE solution not listed. Contact customer service to review and confirm the PoE system of your choice.

5. LED LAMPING - INDIRECT* (CHOOSE 1 FOR EA.)

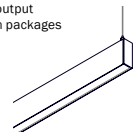
QS ☐ **N** None. Select for SMB mount or when indirect lamping is not desired.

A. OUTPUT*
QS ☐ **MIN** (250 lm/ft)
QS ☐ **LOW** (400 lm/ft)
QS ☐ **MED** (525 lm/ft)
QS ☐ **HI**[3] (800 lm/ft)
QS ☐ **MAX**[3] (1050 lm/ft)
☐ **RGB** (150 lm/ft)
☐ **CSTM/____** [5] (Enter lumens in product code above. Ex. 0100=100lm/ft)

B. CRI
☐ **NO CRI/CCT**[4]
QS ☐ **90**
☐ **80**

C. CCT
☐ **2700K**
QS ☐ **3000K**
QS ☐ **3500K**
QS ☐ **4000K**

*For delivered lumens and watts, see 'Performance Details'
[3]Not available for base model fixtures with integral drivers
[4]Choose when RGB is desired output
[5]Consult ALW for custom lumen packages


Continuous Linear (Indirect)

6. DRIVER - LINEAR INDIRECT* (CHOOSE 1)

QS ☐ **V00** (0-10V, dim to 0%)
QS ☐ **V01** (0-10V, dim to 1%)
QS ☐ **V05** (0-10V, dim to 5%)
☐ **P01** (Phase, dim to 1%)
☐ **LDE1** (Lutron ECOSYS1, 0-10V, dim to 1%)
☐ **DALI** (DALI, dim to 0%)
☐ **DMX** (DMX, dim to 0%)
☐ **POEM** (POE Molex)
☐ **POEI** (POE IGOR)
☐ **POEN** (POE Nuleds)
☐ **POE**[2] (POE Ready)

*See 'Driver', 'Sensor' and lamping charts for driver details and sensor compatibility
[2]Choose desired PoE solution not listed. Contact customer service to review and confirm the PoE system of your choice.

7. LENS - LINEAR INDIRECT* (CHOOSE 1)

QS ☐ **N** None.
QS ☐ **EXT** Diffuse, white frosted
☐ **ASY** Asymmetric/wall wash distribution (peak intensity 25°)
☐ **BAT** Batwing optic (peak intensity 60°)


BATWING


CR/ASY


EXT

8. FINISH* (CHOOSE 1)

STANDARD FINISHES
QS ☐ **SW** ☐ Satin White
QS ☐ **SB** ■ Satin Black
QS ☐ **AS** Aluminum Silver Anodized Effect
QS ☐ **TB** ■ Textured Black

PREMIUM FINISHES
☐ **__** See chart on page 5 for premium finishes. Manually type in the finish code (Ex: OB = Oil-Rubbed Bronze)

SPECIAL ORDER FINISHES*
☐ **RAL____** Specify RAL Classic Color (Ex: RAL 3003)
☐ **CCM____** Custom Color Match

*Manually type in the finish code for special order finishes types

9. VOLTAGE (CHOOSE 1)

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

10a. EMERGENCY OPTIONS (OPTIONAL, CHOOSE 1)

QS ☐ **EMB/__**[6,7] Emergency Battery *(indicate QTY — each battery powers 4ft. section @ 1492lm. Not available in 347 V)*
QS ☐ **EMC/__**[6] Emergency Circuit *(indicate QTY of 4ft sections to be illuminated by emergency circuit)*

[6]Not available for base model fixtures with integrated drivers.
[7]For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for more details.

CONTINUES ON NEXT PAGE →

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.

PRODUCT SPECIFICATION SHEET CONT'D

10b. CONTROL OPTIONS* (OPTIONAL)

QS ☐ **N** None

FACTORY CONTROLS

QS ☐ **OS/PH/INT/__** Integral Occupancy/ Daylight sensor

QS ☐ **OS/PH/HV/__** Remote Occupancy/ Daylight sensor

NETWORK CONTROLS

Embedded controls below are placeholder specs. See the ALW Controls Guide to finalize your final control spec.

☐ **AY/xx** Acuity
☐ **AN/xx** Avi-on
☐ **CA/xx** Casambi
☐ **CW/xx/__** Cooper Wavelinx
☐ **EC/xx/__** Encelium
☐ **EN/xx/__** Enlighted
☐ **LU/xx/__** Lutron
☐ **NX/xx/__** NX Controls
☐ **WA/xx/__** Wattstopper

*Quickship availability on occupancy and photocell daylight sensors may vary. Contact ALW for more information.
*Contact ALW for Additional Zone specifications

10c. ADDITIONAL OPTIONS (OPTIONAL)

QS ☐ **SB** Seismic Bracing

11. QUICKSHIP OPTIONS

QS ☐ Select if you want your fixture to be QS

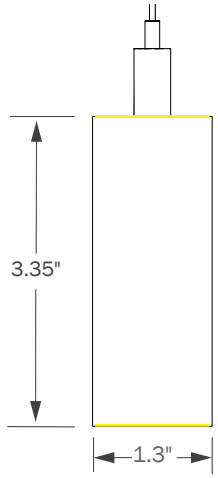
Note: To be eligible for the Quickship (QS) program, all previous selected options must also be marked QS

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.*

MECHANICAL DIAGRAMS

SUSPENDED

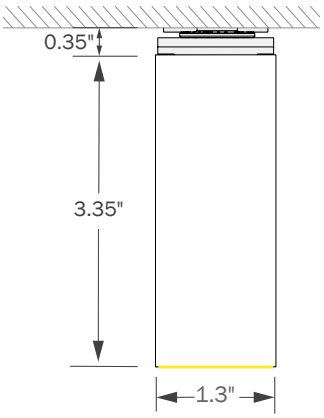
Suspended mounting can be specified with direct, indirect, or both direct and indirect lamping.



HB1.25S
SUSPENDED MOUNT

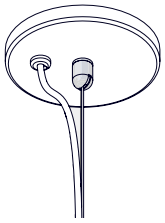
SURFACE/WALL MOUNT

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



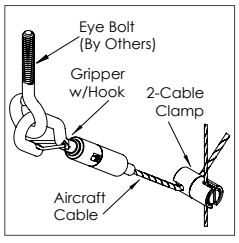
HB1.25SMB
SURFACE (BACK) MOUNT

SUSPENSION MOUNTING OPTIONS



INCLUDED CEILING HARDWARE

- 4.5" canopy per power feed location. Canopy finish is always white. Contact ALW for alternate colors.
- (1) Bullet mount,
- (1) 8' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



SEISMIC BRACING (SB)

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

FINISHES

Standard finishes are available at no additional charge.

STANDARD FINISHES - QS ELIGIBLE

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

PREMIUM FINISHES

BASIC POWDER COAT

GW	AW	TW
Gloss White	Antimicrobial Gloss White	Textured Matte White

METALLIC POWDER COAT

CG	CU	BR
Charcoal Gray	Copper	Brass

SATIN ANODIZED EFFECT POWDER COAT

OB	DB
Oil-Rubbed Bronze	Dark Bronze

GLOSS POWDER COAT (80-95% GLOSS)

GO	GR	GM	GB
Orange RAL 2003	Red RAL 3020	Magenta RAL 4010	Blue RAL 5015

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

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)

*Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying

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. Below is a quick guide to assist you in specifying appropriate product configurations for WELL features. Links to official WELL standards can be found here.

GLARE CONTROL
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 SPOTLIGHT - 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 an output of **MIN, LOW, MED, or HI** for **LED SPOTLIGHT - DIRECT** 2. 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 an output of **MIN, LOW, MED, or HI** for **LED SPOTLIGHT - DIRECT** 2. Select **25°** for **LED SPOTLIGHT - DIRECT** **40° SPOTS** 1. Select an output of **MIN, LOW, or MED** for **LED SPOTLIGHT - DIRECT** 2. 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
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 **V05, V01, LDE1,**, **DALI** or **DMX** for **LED DRIVER**

PERFORMANCE DETAILS

INDIRECT LINEAR LAMPING (PER FOOT)

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
MIN[8]	250	2.25	Up to 117 lm/W	80 90	2700K 3000K 3500K 4000K
LOW[8]	400	3.375			
MED[8]	525	4.5			
HI[8]	800	6.75			
MAX	1050	9.0			
RGB[9]	Color-Changing RGB	5	N/A	N/A	N/A

[8]*Performance calculations are extrapolated estimates based on actual performance data of MAX output at 80 CRI and 4000K and EXT lens.*
[9]*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
MIN	500	5.6	Up to 83 lm/W	80 90	2700K 3000K 3500K 4000K
LOW	700	8.4			
MED	1000	12			
HI	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 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.

DRIVERS

PRODUCT CODE	DESCRIPTION
V00	0-10V dimming down to 0% (dim to off).
V01	0-10V dimming down to 1%.
V05	0-10V dimming down to 5% (Down to 10% for TUNE lamping).
P01	ELV/TRIAC Phase dimming down to 1%
LDE1	(LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology.
DALI	DALI flicker-free dimming down to 0%.
DMX	DMX flicker-free dimming down to 0%.
POEM	Molex CoreSync PoE LED Driver. Contact ALW to assist with your project.
POEI	IGOR PoE LED Driver. Contact ALW to assist with your project.
POEN	NuLEDS PoE LED Driver. Contact ALW to assist with your project.
POE	Specify a PoE driver of your choice. Fixture comes with low voltage leads and no LED driver. Contact ALW to assist with your project

*Most drivers can be programmed to specific dimming levels if desired. Contact ALW for specific dimming level requests.
ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. If there are specific components required for your application that aren't listed on this spec sheet, please contact ALW customer support today to specify a compatible solution of your choice.

DRIVER/LED LAMPING COMPATIBILITY				
	STD	RGB	CA TITLE 24 JA8/JA10[10]	IEEE P1789 & HD TV STUDIO*[11]
V00	●		●	
V01	●		●	
V05	●		●	
P01	●		●	
LDE1	●		●	●
DALI	●		●	
DMX	●		PER REQUEST	PER REQUEST
POEM	PER REQUEST		●	●
POEI	PER REQUEST		●	●
POEN	PER REQUEST		●	●

● - Indicates compatibility

*Standard lamping (STD) - MIN/LOW/MED/HI/MAX

[10]Fixtures specified with 90CRI 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to California Title 24 JA8 and JA10 Appendices

[11]The following drivers conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers'. These drivers may also be installed in HD TV Studio applications utilizing high frequency camera equipment.

SENSORS

	PRODUCT CODE	DESCRIPTION	Location
	N	None. Choose when sensors are not desired.	-
COOPER WAVELINX	**WLNX**	Fixture is built with 0/10V wiring to connect to Wavelinx Wireless sensors and power/relay packs (sensors and equipment not provided by ALW)	Remote
ENLIGHTED™	**ENLGHT**	Enlighted remote connected lighting smart sensor - occ/daylight/networking (Enlighted Part: SU-5S-H-CL)	Remote
LUTRON VIVE	**FCJS**	Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010)	Remote
	FCJS/S	Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor)	Remote
MOLEX POE CORESYNC	**MLX**	Molex PoE sensors for use with Molex/PoE drivers. Customer will need to determine who to purchase PoE equipment from	Remote
NLIGHT® WIRED	**NLT**	Fixture is built with wiring connections to connect to nLight® Wired remote sensors and power/relay packs purchased through distributor by agency	Remote
NLIGHT WIRELESS	**NLTAIR**	Fixture is built with wiring connections to connect to nLight® Air remote sensors and power/relay packs purchased through distributor by agency	Remote
VALUE SENSORS	**OS/PH/HV**	*Hubbell WASP* **High Voltage** *0-10V remote surface mount occ/daylight sensor. 120/277/347VAC input (Hubbell Part: WSPDSMUNV)* *Automated Dimming Functionality: Connect fixture 0/10V wires to sensor in the field. Adjust occ/photocell settings as desired* *On/Off or Manual Dimming Functionality: Turn photocell functionality OFF. Cap off 0/10V wires on sensor.* *Connect fixture 0/10V wires to wall dimmer in the field.*	Remote

*All connected lighting sensors/systems must be programmed in the field by an electrical commissioner familiar with the system. Refer to the 'Sensor Compatibility' and 'Driver/Sensor Compatibility' charts to specify compatible sensors, LED lamping, and LED driver systems.

SENSOR COMPATIBILITY

PRODUCT CODE		SENSOR TYPE	MAX MT HT	CA TITLE 24	STD*	RGB
COOPER WAVELINX	**WLNX**		15 ft	●	●	
ENLIGHTED	**ENLGHT**	OCCUPANCY/PHOTOCELL	40 ft	●	●	
LUTRON VIVE	**FCJS**	WIRELESS CONTROL	12 ft	●	●	
	FCJS/S	OCCUPANCY/PHOTOCELL	12 ft	●	●	
MOLEX POE CORESYNC	**MLX**		16 ft	●	●	CUSTOM REQUEST
NLIGHT WIRED	**NLT**		15 ft	●	●	
NLIGHT AIR WIRELESS	**NLTAIR**		15 ft (average)	●	●	
VALUE SENSORS	**OS/PH/HV**	OCCUPANCY/PHOTOCELL	45 ft	●	●	■

● - Indicates compatibility ■ - On/off sensor functionality only

*Standard lamping (STD) - MIN/LOW/MED/HI/MAX

SENSORS (CONT'D)

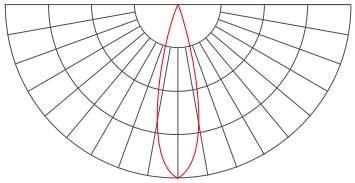
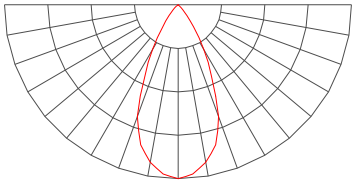
DRIVER/SENSOR COMPATIBILITY									
	WLNX	ENLGHT	FCJS	FCJS/S /	MLX	NLT	NLTAIR	OS/PH/HV	NO SENSOR
V00	●	●	●	●				▲	●
V01	●	●	●	●				▲	●
V05	●	●	●	●				▲	●
P01								■	●
LDE1			●	●				■	●
DALI								■	●
DMX								■	●
POEM					●				●
POEI	Sensor types will depend on the PoE system configuration. Contact ALW for details.								
POE	Sensor types will depend on the PoE system configuration. Contact ALW for details.								
POE	Sensor types will depend on the PoE system configuration. Contact ALW for details.								

● - Indicates compatibility ▲ - Driver/sensor can have dimming OR on/off functionality but not both ■ - On/off sensor functionality only

*Driver specifications provided upon request

**ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. If there are specific components required for your application that aren't listed on this spec sheet please contact ALW customer support today to specify a compatible solution of your choice.

PHOTOMETRICS (DIRECT)

OPTIC	POLAR PLOT (CD)	MTG HEIGHT	LIGHT LEVEL (FC)	SPOT BEAM DIAMETER (FT)	SPACING CRITERION (SC)[12] (0°- 180°) (90°- 270°)	MAX INTENSITY (CD)	OUTPUT (LM)
25° SPOT[13]		6 ft	57.3	2.8	.46 .44	2062	427
		8 ft	32.2	3.7			
		10 ft	20.6	4.6			
		12 ft	14.3	5.5			
		14 ft	10.5	6.5			
		16 ft	8.1	7.4			
40° SPOT[13]		6 ft	15.4	5.2	.8 .76	554	360
		8 ft	8.7	7			
		10 ft	5.5	8.7			
		12 ft	3.8	10.5			
		14 ft	2.8	12.2			
		16 ft	2.2	13.9			

*For footcandle and output multipliers refer to the ALW IES File Multipliers Chart.

[12]Spacing criterion refers to maximum distance luminaires can be spaced to provide uniform illumination on the working plane or surface.
Luminaire spacing = Spacing Criterion (SC) x Mounting Height (MH) (ex. 1.14 (SC) x 10' (MH) = 11.4' Luminaire Spacing).

[13]Photometric calculations based on 3 spot, HI 4000K, 80 CRI configuration. Actual results may vary in the field.

ADDITIONAL OPTIONS & SPECIFICATIONS

LED PERFORMANCE

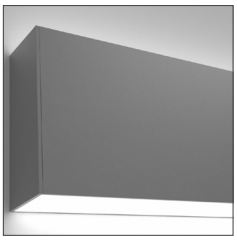
> 54,000 hours at 70% lumen maintenance, LM80 / TM-21

HOUSING

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

LENS INDIRECT

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



EXT — EXTRA DIFFUSE

SAFETY & REGULATORY

Fixtures specified with 90CRI, 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to **California Title 24 JA8 and JA10** Appendices. EldoLED drivers can conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers .

Contact ALW customer support today and we can help you with your project requirements.

ETL Listed (U.S. & Canada). Suitable for dry or damp locations.
For integral driver, Conforms to UL std. 1598 luminaires,
For remote driver, Conforms to UL std. 2018 luminaires.
Certified to CSA std. C22.2#250.0:2008 Ed. 3+G1;G2.

WARRANTY

Limited 11-year warranty. Details: alw-inc.com/warranty

OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in dry 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.

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.

WEIGHT

Approximately 5.5lbs. per linear foot.Weight may vary depending on additional options selected.

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, nLight, Cooper Wavelinx, eldoLED, Molex PoE, NuLEDS PoE, Igor PoE, 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.