

HBEAM 3.5

HB3.5 | SUSPENDED, WALL

STANDARD SIZES

3.5" Aperture
Configurable in linear shapes and straight run sections

LAMPING

LED - Direct & Indirect - 80/90 CRI - 3000K/3500K/4000K
Output Options: LOW/MED/HI/DECOR/Tunable White/RGB/RGB+W
Dimming down to 0%
Accent Downlights Available (800/1000/1500LM Output Options)

FINISH

Anodized Aluminum, White, Black, Silver, Brass, RAL Classic Colors

CONSTRUCTION

Industrial Strength Extruded 6061 Aluminum





PRODUCT SUBMITTAL WORKSHEET

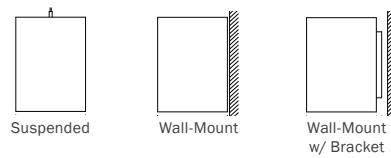
SAMPLE PRODUCT CODE

HB3.5S – S5 – MED/90/3500 – 0/10V/0% – EXT/F – MED/90/3500 – 0/10V/S – WD – DL1000/80/3500/25 – HEXSNT – 0/10V/S – 1 – WH –

UNV – EMB/1 – OS/1 – COMBO – SB

1. BASE MODEL (CHOOSE ONE)

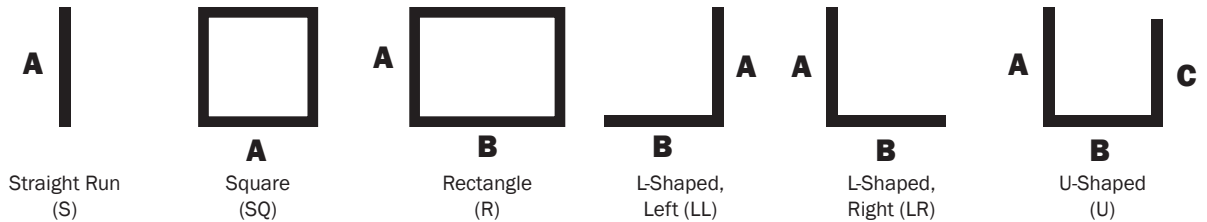
- HB3.5S** QS 3.5" Suspended
- HB3.5W** QS 3.5" Wall-Mount (incl. optional 1/4" stand-off brackets)



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

- S__** QS Individual/Straight Run Section (enter length, ex. S5)
- SQ__** QS Square Configuration (enter side length A, ex: SQ5)
- R_ _** QS Rectangular Configuration (enter side lengths A and B, ex. R5-7)
- LL_ _** QS L-Shaped, Left Configuration (enter side lengths A and B, ex. LL5-7)
- LR_ _** QS L-Shaped, Right Configuration (enter side lengths A and B, ex. LR5-7)
- U_ _ _** QS U-Shaped Configuration (enter side lengths A, B, and C, ex. U5-7-4)

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



3. LED LAMPING – DIRECT (CHOOSE NONE OR ONE UNDER A, B, & C, AS NECESSARY)

- N** QS None. Select when direct lamping is not desired.

A. OUTPUT

- QS **LOW**
- QS **MED**
- QS **HI¹**
- QS **DECOR**
- QS **TUNE**
- RGB**
- RGBW** (80CRI, 4000K White)

B. CRI²

- QS **80**
- 90**

C. CCT³

- QS **3000K**
- QS **3500K**
- QS **4000K**

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 7 for complete details.		Up to 81 lm/W

¹Cannot select HI for both Direct & Indirect lamping due to heat limitations. Other combinations (e.g. HI/MED and HI/LOW) are available.

²CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping.

³CCT not applicable for TUNE, RGB, or RGBW lamping.

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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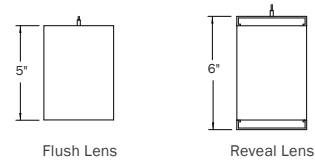
4. DRIVER – DIRECT (CHOOSE ONE)

- 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 DECOR and TUNE lamping)
- 0/10V/1%** QS 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DALI** DALI flicker-free dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Select for RGB or RGBW lamping)
- ECOSYS1** QS Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current (Compatible only with LOW, MED, and HI lamping)

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

5. LENS – DIRECT (CHOOSE ONE)

- N** QS None. Select when direct lamping is not desired.
- EXT/F** QS Extra diffuse, flush
- EXT/R** QS Extra diffuse, reveal
- EXT/ASY/LED** QS Extra diffuse with asymmetric distribution, flush



6. LED LAMPING – INDIRECT (CHOOSE NONE OR ONE UNDER A, B, & C, AS NECESSARY)

- N** QS None. Select when indirect lamping is not desired

A. OUTPUT

- QS LOW**
- QS MED**
- QS HI⁴**
- QS DECOR**
- QS TUNE**
- RGB**
- RGBW** (80CRI, 4000K White)

B. CRI⁵

- QS 80**
- 90**

C. CCT⁶

- QS 3000K**
- QS 3500K**
- QS 4000K**

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 7 for complete details.		Up to 81 lm/W

⁴Cannot select HI for both Direct & Indirect lamping due to heat limitations. Other combinations (e.g. HI/MED and HI/LOW) are available.

⁵CRI not applicable for DECOR, TUNE, RGB, or RGBW lamping.

⁶CCT not applicable for TUNE, RGB, or RGBW lamping.

7. DRIVER – INDIRECT (CHOOSE ONE)

- N** QS None. Select when indirect lamping is not desired.
- 0/10V/S** QS 0-10V dimming down to 5% (Standard Dimming – Down to 10% for DECOR and TUNE)
- 0/10V/1%** QS 0-10V dimming down to 1%
- 0/10V/0%** 0-10V premium dimming down to 0%
- DALI** DALI flicker-free dimming down to 0%
- DMX** DMX flicker-free dimming down to 0% (Select for RGB or RGBW lamping)
- ECOSYS1** QS Lutron Hi-lume 1% EcoSystem, constant current or constant voltage
- ECOSYS5** Lutron 5-Series 5% EcoSystem, constant current (Compatible only with LOW, MED, or HI lamping)

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

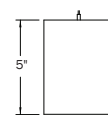
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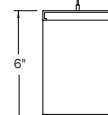


8. LENS – INDIRECT (CHOOSE ONE)

- N** QS None. *Select when indirect lighting is not desired.*
- EXT/F** QS Extra diffuse, flush
- EXT/R** QS Extra diffuse, reveal
- WD** QS Frosted (*LEDs may be visible when dimmed*)



Flush Lens



Reveal Lens

9. ACCENT – DOWNLIGHT (CHOOSE NONE OR ONE UNDER A, C, & D)

- N** QS None. *Select when accent downlight lighting is not desired.*

- | | | | |
|---|--|--|---|
| <p>A. SPOT</p> <ul style="list-style-type: none"> <input type="checkbox"/> DL800 <input type="checkbox"/> DL1000 <input type="checkbox"/> DL1500 | <p>B. CRI</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 80 | <p>C. CCT</p> <ul style="list-style-type: none"> <input type="checkbox"/> 3000K <input type="checkbox"/> 3500K <input type="checkbox"/> 4000K | <p>D. BEAM SPREAD</p> <ul style="list-style-type: none"> <input type="checkbox"/> 25 <input type="checkbox"/> 40 |
|---|--|--|---|

DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)
See page 7 for complete details.		Up to 167 lm/W

10. ACCESSORY – ACCENT DOWNLIGHT (CHOOSE ONE)

- N** QS None
- HEX** Hexcell Louver
- SNT** Snoot
- HEXSNT** Both Hexcell Louver and Snoot



HEXCELL LOUVER



SNOOT

11. DRIVER – ACCENT DOWNLIGHT (CHOOSE ONE)

- N** QS None. *Select when Accent Downlight Lighting is not desired.*
- [_____]** Same as Driver - Direct (or Driver - Indirect, when Direct is NONE)

12. QUANTITY – ACCENT DOWNLIGHT (CHOOSE ONE)

- N** QS None
- ___** Enter total quantity of downlights per run length. (*NOTE: Each downlight requires 7.25" of linear length within housing*)

13. FINISH (CHOOSE ONE)

- AL** QS Natural Anodized Aluminum (*Standard Finish*)
- BK** QS Black Powder Coat
- BRS** Brass Metallic Powder Coat
- SV** Silver Powder Coat
- WH** QS White Powder Coat
- WH/AM** White Antimicrobial Powder Coat (for healthcare environments)
- RAL_____** Specify RAL Classic Color code (ex: *RAL3003*) ralcolorchart.com/ral-classic

14. VOLTAGE (CHOOSE ONE)

- UNV** QS Universal Voltage (120VAC-277VAC)
- 347** 347 Volt (*Driver options may be limited*)

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

A. EMERGENCY OPTIONS

- EMB/___⁷** **QS** Emergency Battery (indicate quantity — each battery powers 4ft with a delivered lumen output of 1088lm)
- EMC/___⁷** **QS** Emergency Circuit (indicate quantity of 4ft sections to be illuminated by emergency circuit)

⁷For fixtures under 4ft in length, entire fixture will be illuminated with a proportional lumen output. Consult ALW for more details.

B. SENSOR OPTIONS (COMPATIBLE ONLY WITH 0-10V DRIVERS — DEFAULT QUANTITY IS 1 SENSOR PER 8FT, INDICATE ALTERNATE QUANTITY IF DESIRED)

- ENLGH/___⁸** **QS** Enlighted® remote smart sensor (occupancy, daylight, networking, and more)
- ENLGH/INT/___⁸** **QS** Enlighted® integral smart sensor (occupancy, daylight, networking, and more)
- OS/___** 0-10V remote occupancy sensor
- PH/___** 0-10V remote photocell/daylight sensor

⁸Enlighted® Gateway *and* Energy Manager (by others) plus programming required. Learn more at enlightedinc.com.

C. ADDITIONAL OPTIONS (COMPATIBLE ONLY WITH SUSPENDED MOUNT)

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

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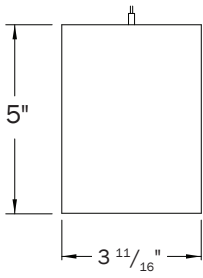
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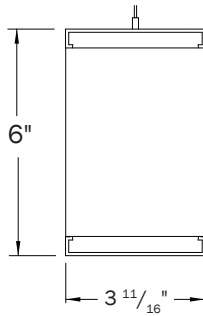
MECHANICAL DIAGRAMS

SUSPENDED

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



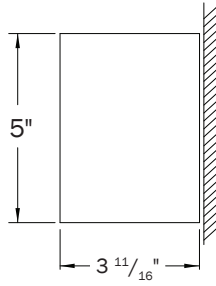
HB3.5S
EXT/F



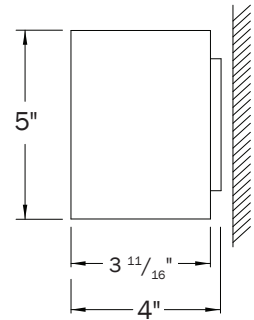
HB3.5S
EXT/R

WALL MOUNT

Wall mounting can be specified with direct, indirect, or both direct and indirect lighting. The optional wall mount bracket adds 1/4" to the dimensions of the fixture.



HB3.5W



HB3.5W
Shown with included,
optional 1/4" stand-off bracket

SUSPENSION MOUNTING



CEILING HARDWARE

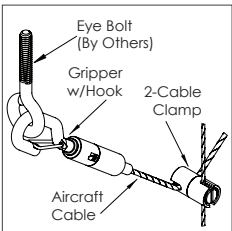
- (1) 4.5" canopy per power feed location,
- (1) bullet mount,
- (1) 8' aircraft cable
- (1) 2" canopy (for use with T-bar mounting) per suspension point



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 – DIRECT OR INDIRECT LAMPING

OUTPUT	DELIVERED LUMENS (LM/FT)	WATTS (W/FT)	EFFICACY (LM/W)	CRI OPTIONS	CCT OPTIONS
LOW ⁹	569	7.0	81	80 90	3000K 3500K 4000K
MED	746	10.1	74		
HI ⁹	1035	14.5	71		
DECOR	257	5.9	44	N/A	2700K-5700K
TUNE ^{10,11}	586	8.1	72		
RGB ¹¹	Color-Changing RGB	5	N/A		N/A
RGBW ¹¹	Color-Changing RGB + White	5			80

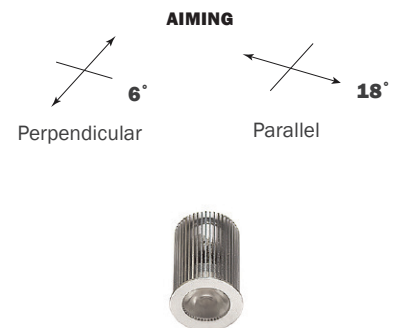
⁶Performance calculations are based on data of MED output at 80 CRI and 3000K. LOW and HIGH calculations are extrapolated values.

⁷Performance calculations are extrapolated estimates for mid-range CCTs. Cooler and warmer CCTs will provide lower delivered lumens (i.e. lower lm/W, higher W/lf).

⁸DMX driver recommended; controller not included.

PERFORMANCE DETAILS – ACCENT/DOWNLIGHT LAMPING

SPOT	DELIVERED LUMENS (LM)	WATTS (W)	EFFICACY (LM/W)	CRI	CCT OPTIONS	BEAM SPREAD OPTIONS (DEGREES)
DL800	800	4.8	167	80	3000K 3500K 4000K	25 40
DL1000	1000	6.1	164			
DL1500	1500	9.7	155			



LAMPING OPTIONS

		Indirect			
		NONE	LOW	MED	HI
Direct	NONE	x	✓	✓	✓
	LOW	✓	✓	✓	✓
	MED	✓	✓	✓	✓
	HI	✓	✓	✓	x

Limitations exist due to heat. Please follow above guidelines when specifying.

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ADDITIONAL OPTIONS & SPECIFICATIONS

LED PERFORMANCE

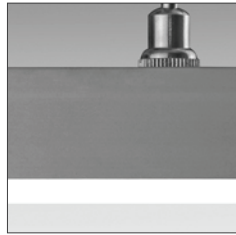
For standard LOW-HI lampings: $L_{70} > 54,000$ hours.
Luminous flux +/- 5%.

LENS

Extruded, twin-layered, high-impact acrylic. EXT is white and extra diffuse with minimal-to-no source visibility. WD (indirect only) is lightly frosted with greater light output, but possible source visibility.



FLUSH LENS - EXT/F, WD



REVEAL LENS - EXT/R

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 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

INTEGRAL DOWNLIGHTS

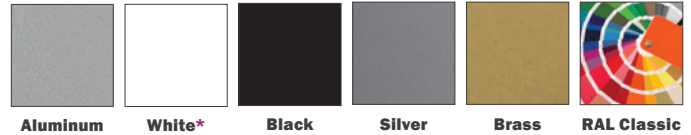
Optional, aimable accent downlights deliver 800-1500 lumens with a beam spread of 25° or 40° . Hex cell (HEX) and snoot (SNT) accessories are also available.

SENSOR OPTIONS

Optional, occupancy detection (OS) and/or daylight harvesting (PS) sensor available. Or upgrade to an optional Enlighted® Smart Sensor (ENLGHT) for additional capabilities. Contact ALW for details.

FINISH

Standard finish is "Ultimate" aluminum — a smooth, clean, and durable finish achieved from a deep etch and two-step clear anodizing process. Other options are shown below.



*For healthcare environments, a white antimicrobial finish (WH/AM) is also available.