

**DESCRIPTION**

The slim profile, architectural ALH highbay is ideally suited for retail, industrial, commercial, manufacturing, warehousing, gymnasium, large meeting spaces and other applications that utilize a traditional HID or linear fluorescent highbay with mounting heights up to 50'.

Trace\*Lite's ALH utilizes high efficacy, high-output LEDs to provide over 55% energy savings compared to HID technology. Precisely engineered LED light engines deliver uniform lighting without pixilation for exceptional light quality for any task. The ALH is offered in 3 wattages up to 26,166 lumens with a diffused lens, and is supplied standard with adjustable aircraft cable mounts. The ALH highbay is suitable for ambient temperatures up to 50°C.

**SPECIFICATIONS**

**Construction:**

- Extruded aluminum light bar heat sinks with hinged driver housing in a white finish
- 2 light bars for the 80w and 150w models, 4 light bars for the 200w model
- Driver housing isolated from aluminum LED heatsinks to optimize heat dissipation, with tool-less access from below the fixture
- Diffused flat lens over each LED light bar

**Optics/ LEDs:**

- General distribution (120°)
- Diffused lens to eliminate pixilation
- 4000K or 5000K CCT
- CRI ≥ 80
- L70 rated at > 50,000hrs at 50°C

**Electrical:**

- Class 1 power supply, voltage sensing 120-277VAC, 1-10V dimming

**Installation:**

- Adjustable cable mounts with integral y-toggles included (10')

**Accessories:**

- On/off occupancy sensor (TL-OCCSNS-120/277)
- Side mounted 1-10V digital high/bay infrared sensor, Wattstopper FSP221 with 360° lens, maximum coverage 100' diameter from 40' height (TL-SCE)
- Digital High/Low Infrared Sensor Controller, Wattstopper FSIR-100 (TL-FSIR-100) for use with TL-SCE sensor

**Testing & Compliance:**

- UL/cUL listed for dry locations
- Design Lights Consortium® (DLC) qualified product
- LED modules comply with IESNA LM-79 and LM-80
- Adheres to TM21 industry standards
- Operating temperature: -40°C to 50°C (-40°F to 122°F)

**Warranty:**

- 5 year warranty (terms and conditions apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



Specs At A Glance			
<b>Wattage</b>	78.14w	157.7w	212.6w
<b>Lumens (lm)</b>	9,503	19,360	26,166
<b>Efficacy (lm/w)*</b>	121	122	123
<b>Equivalency</b>	4-lamp T8/T5HO, Up to 250w HID	6-lamp T5HO, 8-lamp T8, Up to 400w HID	
<b>Distribution</b>	General 120° distribution - Diffused lens		
<b>CCT (K)</b>	4000K, 5000K		
<b>CRI</b>	≥80		
<b>Input Voltage</b>	120 - 277VAC		
<b>Ambient Temp</b>	-40°C to 50°C (-40°F to 122°F)		
<b>Certifications</b>	UL/cUL listed, DLC		
<b>Warranty</b>	5 Years		
<b>Dimensions</b>	22.70" (L) 9.6" (W)	43" (L) 9.6" (W)	43" (L) 14" (W)

\* Tested at 5000K

**Ordering Information** (Example: ALH15-D-VS-5K)

Series	Distribution	Input Voltage	CCT Temperature	Accessories <sup>2</sup> (Field Installed)
ALH08 = 80 Watt	D = Diffused General Distribution	VS = 120/277VAC	4K = 4000K CCT	TL-FSIR-100 <sup>1</sup> = Wattstopper Digital High/Low Infrared Sensor Controller
ALH15 = 150 Watt			5K = 5000K CCT	TL-OCCSNS-120/277 = On/Off Occupancy Sensor
ALH2 = 200 Watt				TL-SCE = Side Mounted 1-10V Digital High/Low Infrared Sensor, Wattstopper FSP-221, L7 Lens

**Notes**

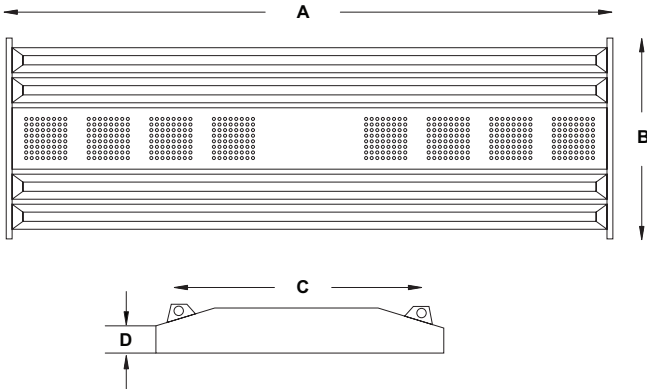
<sup>1</sup> For use with TL-SCE

<sup>2</sup> Order as separate line item. Shipped in separate box for final installation in field.

## Performance Data

Model	Wattage (w)	CCT	Distribution	Lumen Output (lm)	Efficacy (lm/w)	HID Equivalency
ALH08-D-VS-4K	78.12w	4000K	General 120°	9,451 lm	120	4-lamp T5HO / T8, Up to 250w HID
ALH08-D-VS-5K	78.14w	5000K		9,503 lm	121	
ALH15-D-VS-4K	156.5w	4000K		19,107 lm	122	
ALH15-D-VS-5K	157.5w	5000K		19,360 lm	122	6-lamp T5HO, 8-lamp T8, Up to 400w HID
ALH2-D-VS-4K	205.4w	4000K		25,251 lm	122	
ALH2-D-VS-5K	212.6w	5000K		26,166 lm	123	

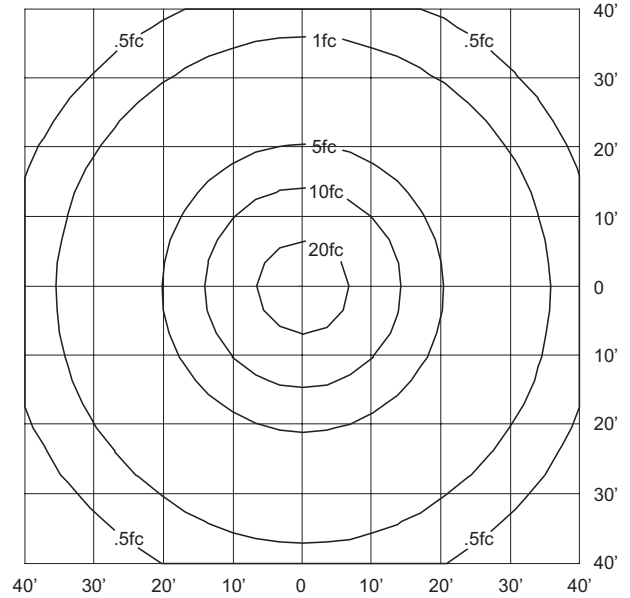
## Dimensions



Model	A	B	C	D	Weight (lbs)
ALH08	22.70"	9.60"	7.30"	2.30"	13.00 lbs
ALH15	43.00"	9.60"	7.30"	2.30"	15.70 lbs
ALH2	43.00"	14.00"	11.80"	2.30"	21.00 lbs

## Sample Photometrics

**ALH2-D-VS-5K**  
MOUNTING HEIGHT: 20 FEET  
TILT: ZERO

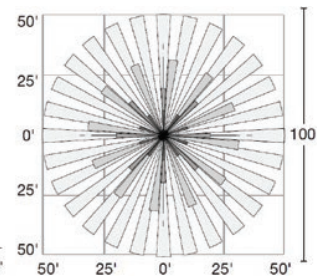
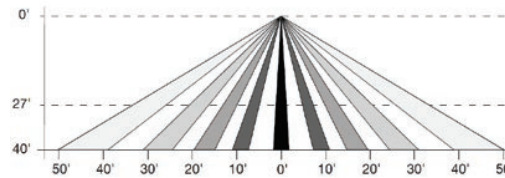


## Sensor Details (TL-SCE accessory)



## Side and Top Sensor Coverage Pattern:

With FSP-L7 lens (included) 360deg lens



## Settings for TL-SCE sensor

	Settings	Default
High Mode:	0-10V	10V
Low mode:	Off, 0-9.8V	1V
Time Delay:	30 Sec; 5-30 Min	5 Min
Cut off delay:	None, 1-60 Min, 1-5 Hrs	1 Hour
Sensitivity:	None, Low, Medium, Max	Max
Setpoint:	None, 1-250 fc, Auto	Disabled
Ramp up time:	None, 1-60 Sec	Disabled
Fade down time:	None, 1-60 Sec	Disabled

## NOTE:

**To change settings in the field, please order TL-FSIR-100 controller.**



Specifications are subject to change without notice.  
Installation must be performed in accordance with  
Barron Lighting Group installation instructions.

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