



OVERVIEW

The FLHA Series Linear High Bay are high performance LED luminaires ranging from 90-321 W and are available in Universal or in High Voltage. This product is designed for indoor application. Typically used for warehouses, gymnasium or buildings with high ceiling and high mounting heights. The FLHA high bay also has multiple mounting methods for various types of application.

FEATURES

- Limited Warranty: 7 Years
- Efficacy: up to 141 LPW
- Lumen Output: 11,700- 42,051 LM
- Wattage: 90- 321 W



Project:	Type:
Prepared By:	Date:

Models

Model	Length (FT)	Watts(W)	Lumens (LM)	Efficacy (LPW)
FLHA2D090	2	90	11700	130
FLHA2D110	2	110	14410	131
FLHA2D162	2	162	21222	131
FLHA4D178	4	178	23318	131
FLHA4D223	4	223	29213	131
FLHA4D321	4	321	42051	131

*Lumen Output based on low voltage models at 5000K. Also available in Color Temperatures of 4000K and 5700K.

Technical Specifications

Warranty

Paclights warrants these LED products will be free from defects in materials and workmanship for a period of seven (7) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

UL Listed:
E473037

IESNA LM79 & LM-80 Testing:

Paclights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Qualification:

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Construction

IP Rating:

Suitable for Damp Location, TYPE IC

Ambient Temperature:

Suitable for 45° C (113° F) ambient temperature

Cold Weather Starting:

The minimum starting temperature is -4 F°/-20° C

Housing:

Durable cold rolled steel housing provides strength and uniformity. Luminaire is pre-painted to enhanced smooth finish and frosted Lens.

Mounting Methods:

- Cable Kit (optional)
- Chain Kit (optional)
- Surface Mount (optional)
- Pendant Hanger (optional)

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Lens:

Frosted, Clear

Electrical

Drivers:

0-10V Dimmable.
Input Voltage: 100-277V, 50-60 Hz;
or 347-480V, 50-60 Hz,
Power Factor : > 0.9
Operating Temperature: -4°F (-20°C) to 113°F(45°C)

LED Characteristics

Lifespan:

50,000 hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Multi-chip, high output, long-life LEDs

Color Rendering Index:

>72

Color Temperatures:

4000K, 5000K, 5700K

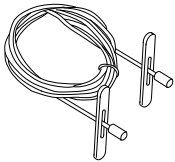
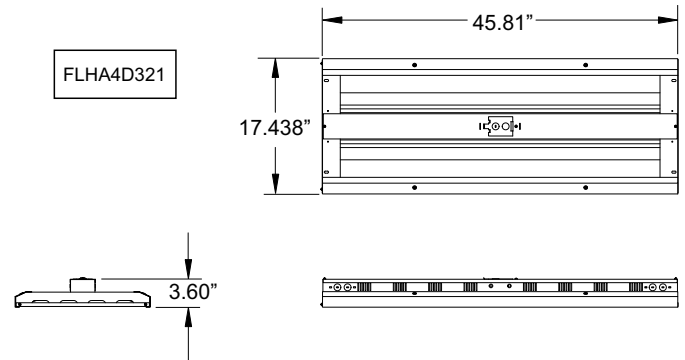
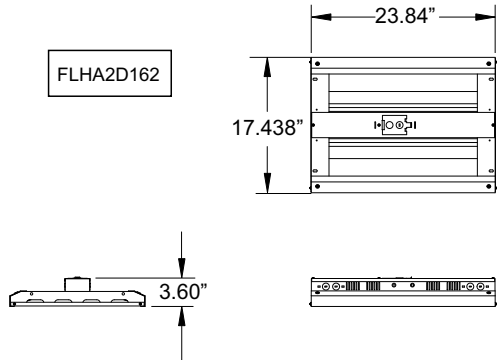
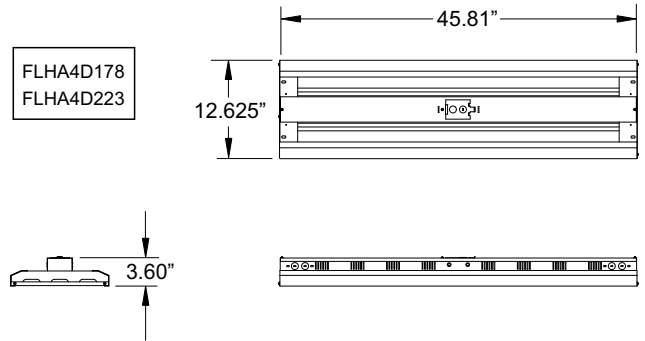
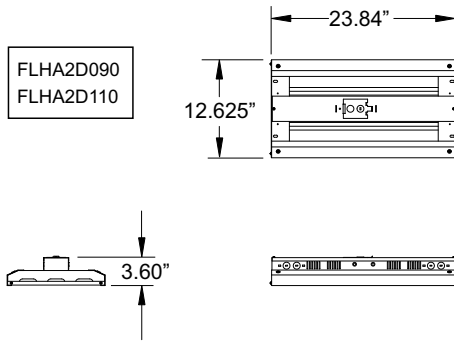
Finish

Our environmentally friendly polyester powder coating are formulated from high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

Ordering Matrix

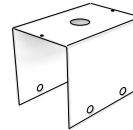
Model	Housing Size	Wattage	Color Temperature	Voltage	Lens Type	Occupancy Sensor
FLHA	2D	090	5000	UV	FL	IR
	2D = 2 Feet (for 90W, 110W, 162W)	090 = 90 W 110 = 110 W 162 = 162 W	4000 = 4000 K 5000 = 5000 K 5700 = 5700 K	UV = 100-277V HV = 347-480V	FL = Frosted Lens CL = Clear Lens WL = Without Lens	[blank] = No sensor IR = Infrared Sensor MO = Microwave Sensor
	4D = 4 Feet (for 178W, 223W, or 321W)	178 = 178 W 223 = 223 W 321 = 321 W				

Dimensions

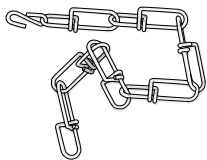


AC-LHA-ACL
196 in. Aircraft Cable Pair used for mounting the FLHA Linear High Bay onto ceiling beams.

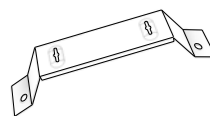
AC-LHA-ACS
120 in. Aircraft Cable Pair used for mounting the FLHA Linear High Bay onto ceiling beams



AC-LHA-PEM
FLHA Pendant Mount is installed on the top side of the luminaire and is used to run the power supply cord through a 1/2" conduit which is then fastened on to the top side of the mount and stores in all the wiring with two cover plates which are fastened on to both ends.

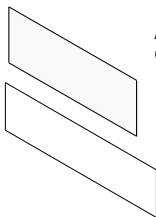


AC-LHA-CHN
40 in. Chain Pair is used for mounting the FLHA Linear High Bay onto ceiling beams, hooks, or other types of mounting methods.

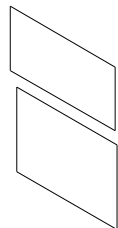


AC-LHA-SML
Surface Mount Kit for FLHA162 and/or FLHA 321 (Does NOT include Mounting Screws or J-Box)

AC-LHA-SMS
Surface Mount Kit for FLHA090 FLHA 110, FLHA 178 and/or FLHA 223. (Does NOT include Mounting Screws or J-Box)



AC-LHA-CL4L
Clear Lens for FLHA321



AC-LHA-CL2S
Clear Lens for FLHA090 & FLAH110

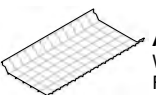
AC-LHA-CL4S
Clear Lens for FLHA178 & FLHA223

AC-LHA-CL2L
Clear Lens for FLHA162

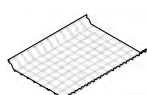


SE-BC-BRI819PBO
PIR occupancy sensor uses advanced passive infrared technology to detect motion up to 40ft, around 1200-2800 Sq Ft and 360 degrees. The sensor is able to automatically switch on when occupancy is detected and off when no occupancy is detected.

Stay-on time and sensitivity is adjustable on sensor.



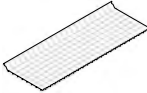
AC-LHA-WG2S
Wireguard for FLHA090 & FLHA110



AC-LHA-WG2L
Wireguard for FLHA162



AC-LHA-WG4S
Wireguard for FLHA178 & FLHA223



AC-LHA-WG4L
Wireguard for FLHA321



SE-BC-BRI819
Microwave Motion Sensor- Motion can be detected through plastic, glass and thin non-metal materials. It can be mounted as high as 48 ft high and contains a signature 3-step dimming function, which is perfect for areas that require a light change notice totally switching off the light. Sensor parameters are adjustable on the sensor, or by using an optional setting adjusting remote control.

SE-BC-RC-100
Optional setting adjusting remote for SE-BC-BRI819.