

LINEAR HIGH BAY



FEATURES AND SPECIFICATIONS

Construction

- The rugged, one-piece Roll sheet metal bottom shell housing features a rock-solid quality and performance.
- The LED module and driver are I-separated and extend service life.
- The compact design save labor cost and improves installation efficiency.
- Innovative contractor-friendly packaging makes installation faster.

Optics

- Prismatic translucent lens is designed to shape the light uniformity and is designed to shape the light uniformity

Electrical

- Universal 120-277VAC input voltage.
- Wattage adjustable: 100%, 80%, 60%.
- 0-10V dimming standard for a dimming range of 100% to 10%.
- Operating Temperature Range: -20°C to 45°C.
- Note: Operating with emergency battery temperature range: 5°C to 45°C (+41°F - +113°F).

Installation

Steel wire rope mount .

Controls

- Optional Microwave sensor.
- Emergency power supply can be added

Applications

- subtle aesthetic that meets most office ceiling application needs, It is ideal for office spaces, supermarkets, and meeting rooms.

Life Span

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. 5-years warranty

Certifications

- UL damp location listed

Model	Power /W	LPW (lm/w)	Max.Lumens /LM	CCT /Kelvin	Sensor	Input Voltage
LHB07-L2-160W-H-50K	160/130/110W	140lm/w	22,400lm	5000K	Sensor base	AC120-277V
LHB07-L5-225W-H-50K	225/200/175W	140lm/w	31,500lm	5000K	Sensor base	AC120-277V
LHB07-L5-300W-H-50K	300/270/250W	140lm/w	49,500lm	5000K	Sensor base	AC120-277V

LHB07

Ordering Guide

Example: LHB07-L2-160/130/110W-H-50K

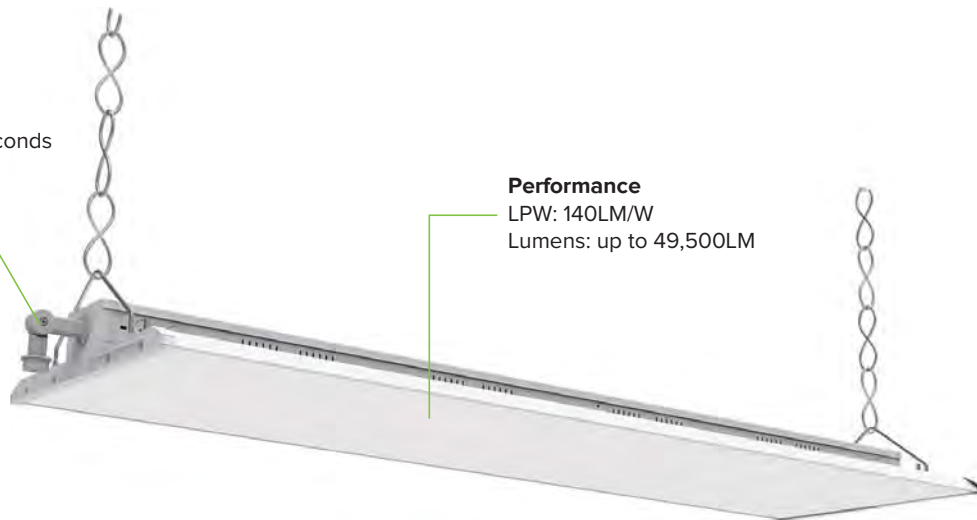
Brand	Wattage xxxW	Input Voltage H	CCT xx	Sensor No or Y
Contractor Essentials	160/130/110W 225/200/175W 300/270/250W	H: 120-277Vac	5000K	Y" can be A,B,C,D or blank representing sensor type, A =PIR senso, B =MS sensor, C =BRT sensor, D =PHB sensor, Blank =no provide sensor.

Smart Controls

Motion sensor, 3 seconds
easily plug-in

Performance

LPW: 140LM/W
Lumens: up to 49,500LM



Wattage Selectable

Wattage Setting: 100%, 80%, 60%
CCT: 5000K

Flexible Installation Options

We offer a variety of mounting options to meet all application needs, including steel wire rope mount (default), Surface mount (optional).
Conduit pendant mount (optional).



Chain Installation



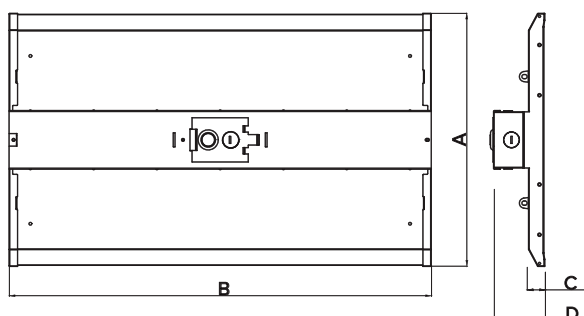
Surface Installation



Steeve Installation

LHB07

Dimensions



Part No.	A	B	C	D
LHB07-L2-160W-H-XX-Y	11.81" (300mm)	23.64" (600.5mm)	0.91" (23mm)	2.89" (73.5mm)
LHB07-L5-225W-H-XX-Y	14.17" (360mm)	45.67" (1160mm)	0.91" (23mm)	2.89" (73.5mm)
LHB07-L5-300W-H-XX-Y	14.17" (360mm)	45.67" (1160mm)	0.91" (23mm)	2.89" (73.5mm)

Accessories



HD07VR
PIR sensor



Microwave
motion sensor



Emergency driver



PIR sensor



Microwave motion
sensor (Zhaga)



Ceiling mounting



Iron chain

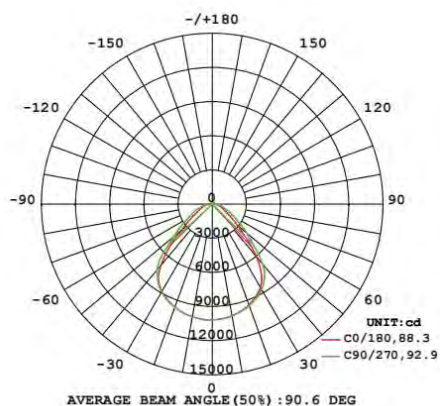


Iron hook



Ceiling box

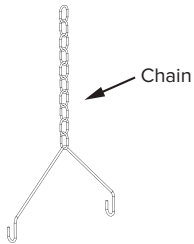
PHOTOMETRICS



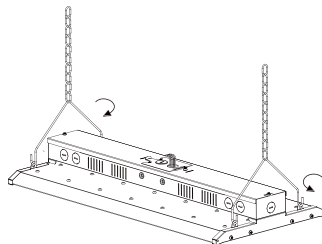
Installation Instruction

Chain Installation

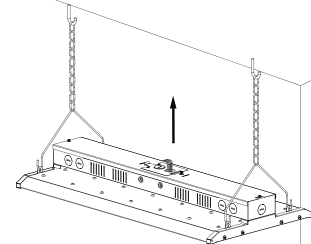
1. Hook the chain as below pic.



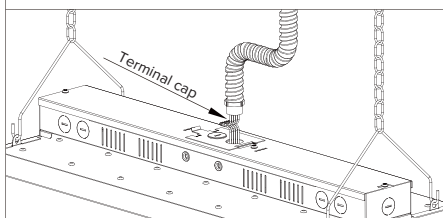
2. Insert the hook into the slotted holes, as shown below.



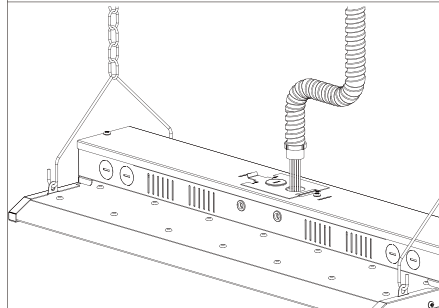
3. Hook up the chain on the ceiling anchor.



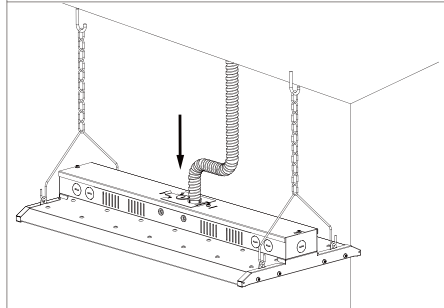
4. Turn off power, and make wiring connections with terminal cap (see wiring instruction below).



5. Insert the terminal cap and wires into the driver box.

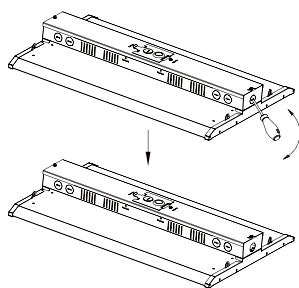


6. Insert the wire terminal joint to the wire entry. Installation completed.

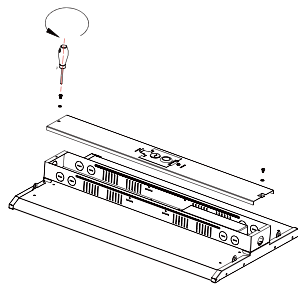


Sensor Base Installation

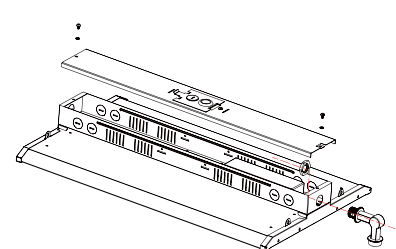
1. Use a screwdriver to tilt up and down to open the knockout hole, as shown in Figure 1.



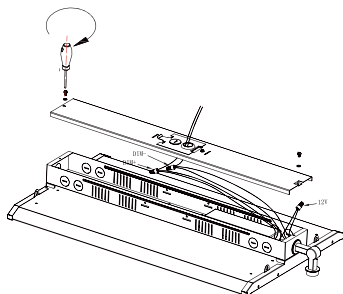
2. Use a screwdriver to unscrew the screws of the driver box cover and remove the driver box cover, as shown in Figure 2.



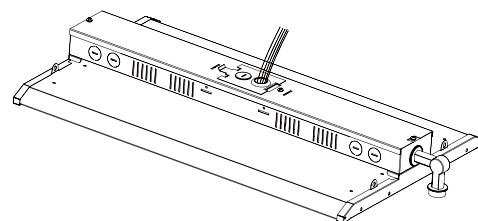
3. Put the sensor base through the lifting hole, adjust the direction of the base to keep the base vertically downward, then tighten the nut, as shown in Figure 3.



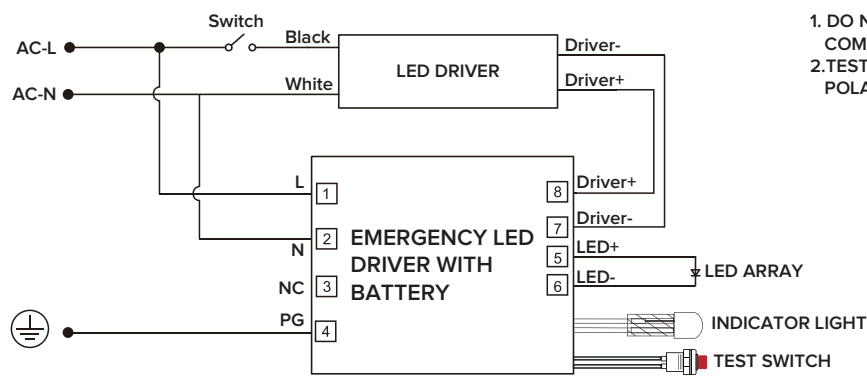
4. Using terminal to connect the purple wire of the sensor base DIM+ driver DIM+ and the lamp DIM+. Using terminal to connect pink wire of sensor base DIM-, driver DIM- and lamp DIM-. Using terminal to connect sensor 12V and power 12V lines, as shown in Figure 4



5. Pass the wires through the driver cover first, install the driver box cover on the lamp and fix it with screws, as shown in Figure 5.




Install Emergency Power Cables




- 1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED,
- 2. TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.

Different test switches and indicator lights for option


1 Separate Test Switch



2 2 in 1 Test Switch



3 IP65 2 In 1 Test Switch



Packing/Weight

Part NO.	Outer Carton Size (L×W×H)	Qty/Carton (pcs)	Net weight (kg/lbs)	Gross weight (kg/lbs)
LHB07-L2-160W-H-XX-Y	(25.39"*8.70 '"* 13.78") (645mm*221mm*350mm)	2	6.10/13.44	7.46/16.45
		2	6.20/13.67	7.56/16.67
LHB07-L5-225W-H-XX-Y	(36.81"*6.89"*16.14") (935*175*410mm)	2	12.8/28.22	14.17/31.24
LHB07-L5-300W-H-XX-Y		2	13.28/29.28	15.48/34.13
		2	12.8/28.22	14.17/31.24