



FEATURES & SPECIFICATIONS

CONSTRUCTION

- Super compact design using, die-cast housing
- The compact saves labor costs and improves installation efficiency.
- Die-cast aluminum housing features a rock-solid quality and performance

OPTICS

- Light engines are available in color selectable version, the CCT can be changed to three CCTs (4000K, 5000K).
- Superior Performance, up to 150lm/w

ELECTRICAL

- Universal 120-277VAC input voltage.
 - Wattage adjustable: 165W/150W/130W
 - Output constant current lever can be adjusted through output cable with 0-10V Operating
 - Temperature Range: -30°C to 50°C.
- Note: Operating with emergency battery temperature range: 0°C to 50°C

INSTALLATION

- Surface mount (option).
- Steel wire rope mount (default).

CONTROLS

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

APPLICATIONS

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

LIFE SPAN

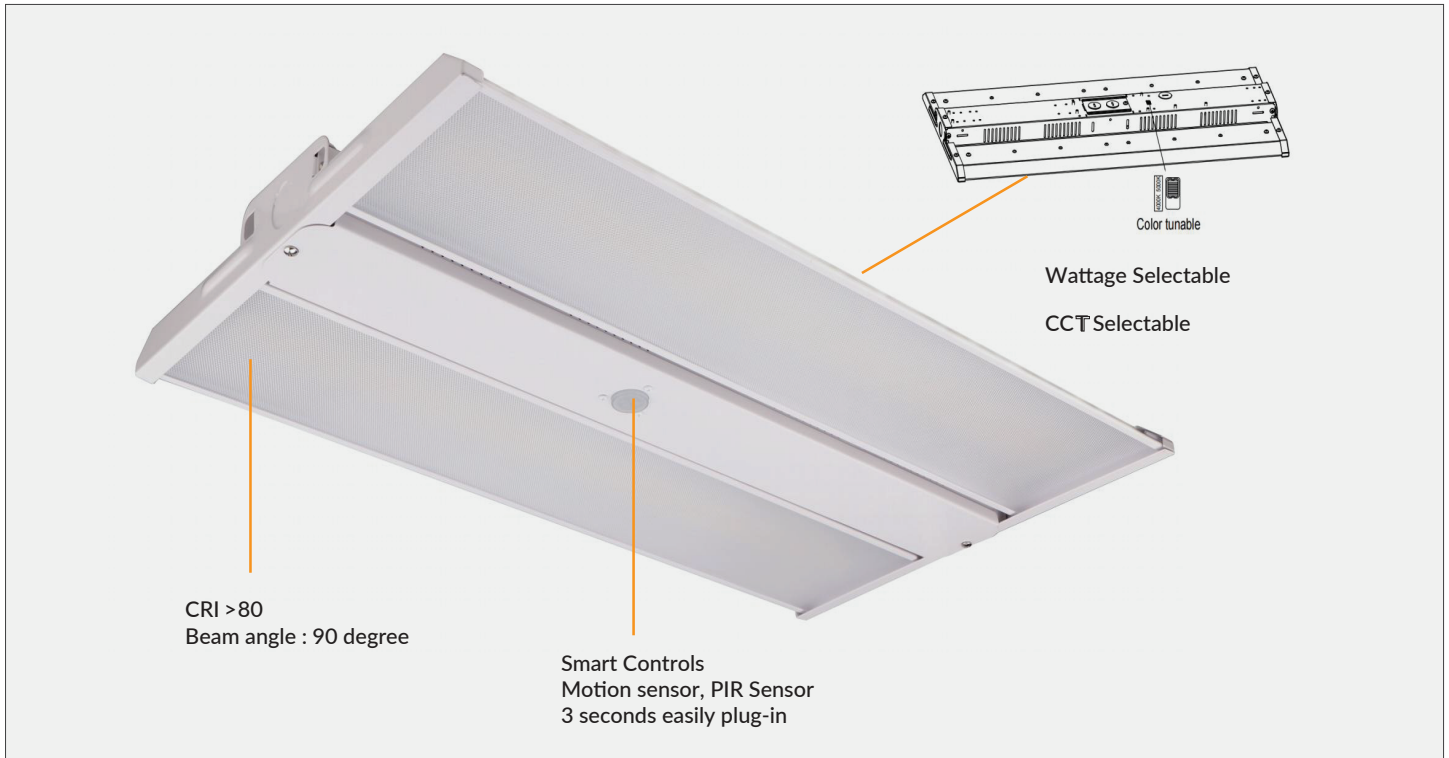
- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations. 5 year warranty

CERTIFICATIONS

- UL DLC damp location listed

Model	Power /W	LPW (lm/w)	Max.Lumens /LM	CCT /Kelvin	Sensor	Input Voltage
LD-HB09-165WBML1A2	165/150/130W	150lm/w	23,100lm	4000/5000K	Sensor base	AC120-277V
LD-HB09-220WBML1A2	220/ 200 /180 W	150lm/w	30,800lm	4000/5000K	Sensor base	AC120-277V
LD-HB09-300WBML1A2	300/275/255W	150lm/w	42,000lm	4000/5000K	Sensor base	AC120-277V

DETAIL



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

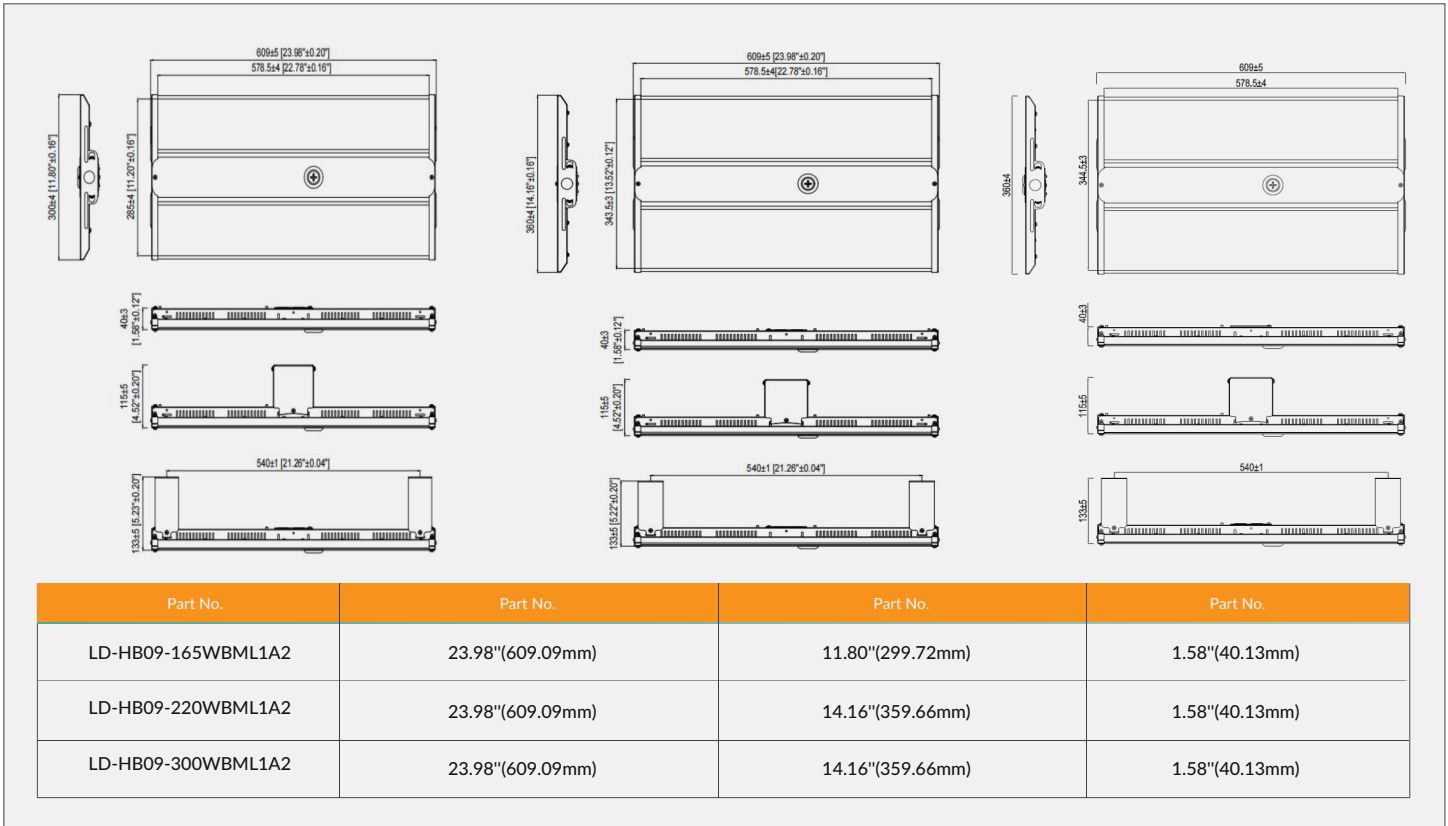


Surface Installation

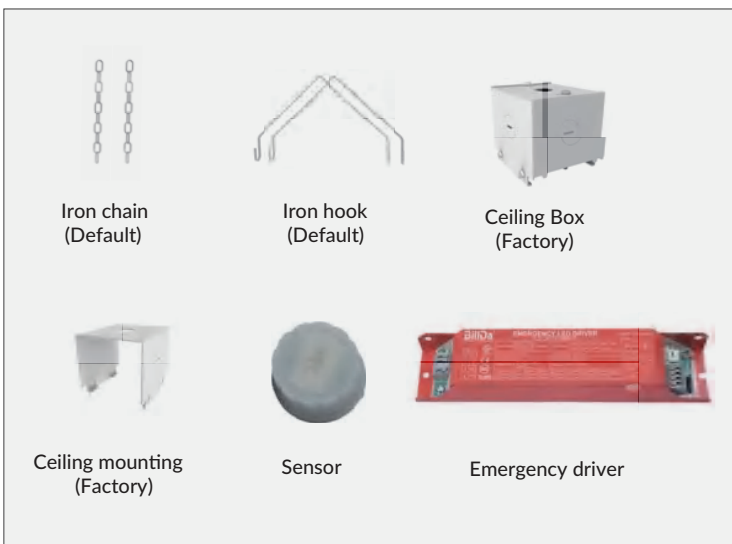


Steeve Installation

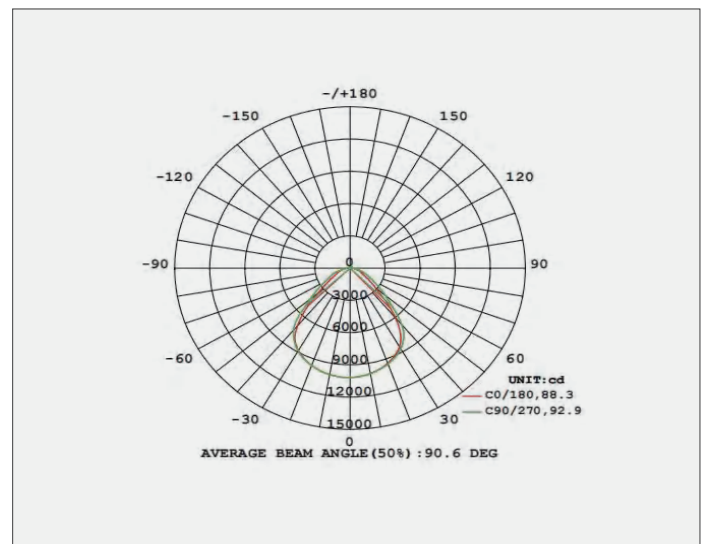
DIMENSIONS



ACCESSORIES



PHOTOMETRICS



INSTALLATION INSTRUCTIONS

A. Hanging Installation: (Chain/Cable)

Step1. Hook up the chain; (Figure 1)

Step2. Connect the chain with fixture; (Figure 1)

Step3. Fix the chain on the rail, adjust the chain length as per need; (Figure 1)

Step4. After fixed, choose suitable wiring knock out, connect the wires according to local standard and code.

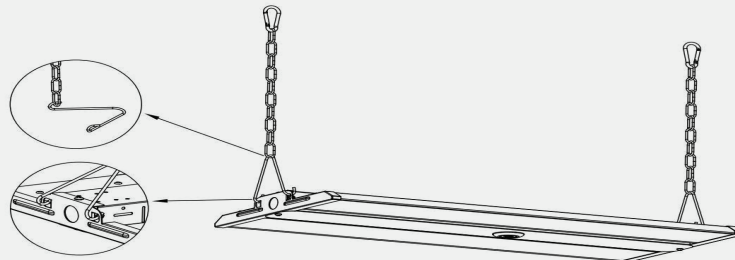


Figure 1

B. 3/4" NPT Installation:

Step1. Mount the bracket on 3/4" NPT; (Figure 2)

Step2. Lock fixture on the bracket; (Figure 3)

Step3. Connect the wires according to local standard and code.

Step4 Lock side brackets with screw driver. (Figure 4)



Figure 2

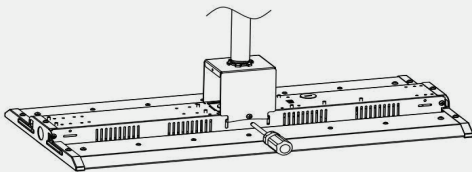


Figure 3

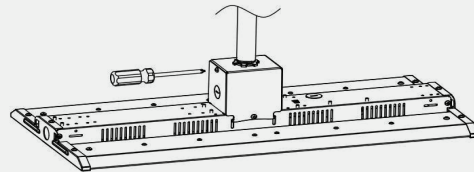


Figure 4

C. Surface Mounting: (If this bracket is used for the fixture, backup driver solution cannot be chosen)

Step1. Mount the bracket on the rail or ceiling; (Figure 5)

Step2. Assemble the lamp on the bracket and fix it with screws; (Figure 6)

Step3. After mounting, choose suitable wiring knock out and connect the wires according to local standard and code.

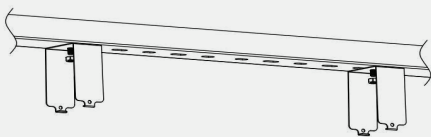


Figure 5

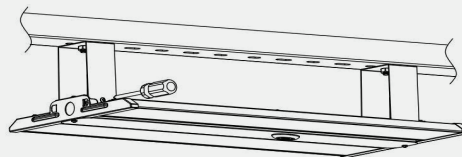


Figure 6

INSTALLATION INSTRUCTIONS (continued)

Extra Accessory Option Installation: 1:Wire Guard, 2:Motion Sensor / PIR Sensor,3: Backup driver

1.Wire Guard: (Purchase the correct size wire guard from manufacturer)

Step1. Unscrew the two screws on the front of the lamp; (Figure 7)

Step2. Place the wire guard on the lamp and fix it with screws. (Figure 8)

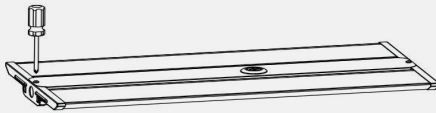


Figure 7

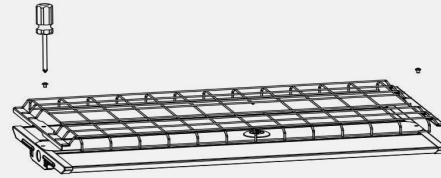


Figure 8

2-2. DC Motion Sensor / PIR Sensor (Both sensors are with the same installation method)

Step1. Use a screwdriver to remove the 1/2 plug from the sensor; (Figure 12)

Step2. Twist-lock the DC sensor to the base to make it work properly, use a remote control to adjust the working mode as per demand. (Figure 13)

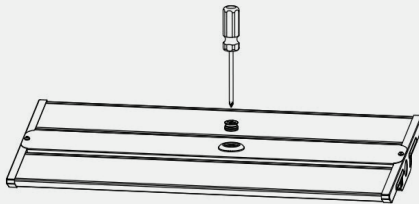


Figure 12

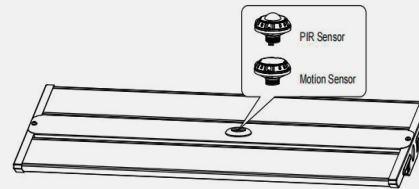


Figure 13

3: Backup driver

Step1. Connect the wires according to the wiring diagram. (Figure 14)

Wiring diagram (Maintained)

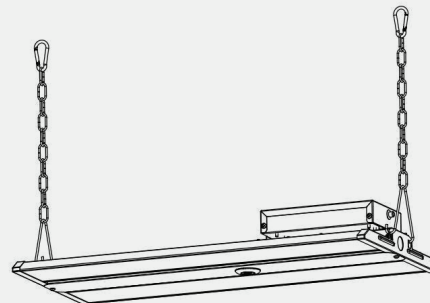
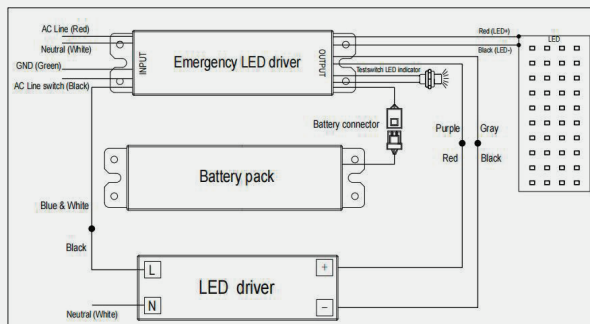


Figure 14

PACKING WEIGHT

Part NO.	Outer Carton Size (L×W×H)	Qty/Carton (pcs)	Net weight (kg/lbs)	Gross weight (kg/lbs)
LD-HB09-165WBML1A2	25.9x12.6x2.76 inches	1	3.4/7.5	3.54/7.8
LD-HB09-220WBML1A2	25.98 x 14.96 x 2.76 inches	1	4.04/8.91	4.2/9.26
LD-HB09-300WBML1A2	25.98 x 14.96 x 2.76 inches	1	5.49/12.1	5.72/12.6