LINEAR HIGH BAY - WA SERIES

DEEP ROOF LIGHTING INC.
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c UL US LISTED

DLC QPL LISTED

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Description:

Linear high bay is designed to deliver intentional uplighting, creating unprecedented **lighting uniformity for an open look and feel you can see. Its distinctive design consistently delivers 14% uplight helping to eliminate dark ceilings common to many applications. Up, down and all around, the linear high bay is truly one of a kind.**

It is is dimming adjustableand available for both household and commercial use. Suitable for use in warehouse, stadium, workshop, industrial factories, warehouse, stadiums, airports, railway stations, gas stations, supermarket, garage, manufacturing space and large retail spaces.

Feature:

- **Highly efficient, robust and low maintenance**
- **Energy savings up to 80%**
- **CCT: 3000K/4000K/5000K**
- **CRI>80**
- **Standard Beam angle 120°**
- **Superior uniformity**
- **Superior temperature stability**
- **Temperature tested for the toughest conditions**
- **Operating Temperature: -20℃ to +50℃**
- **Dimmable: 0-10V**
- **Five years warranty**

Specification & Packing information:

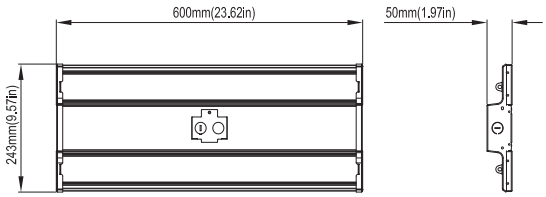
Model	Wattage range	Voltage	Light Effect	Lumens	IP
LHBP-W2105-D50-D1	105W	AC100-277V	130lm/W	13650	20
LHBP-W2165-D50-D1	165W			21450	
LHBP-W2220-D50-D1	220W			28600	
LHBP-W4165-D50-D1	165W			21450	
LHBP-W4220-D50-D1	220W			28600	
LHBP-W4300-D50-D1	300W			39000	

Model	Quantity/Carton(PCS)	Packing Size(mm)	Gross Weight(KG)	20'GP(PCS)	40'GP(PCS)	40'HQ(PCS)
LHBP-W2105-D50-D1	2	665×180×305	5.5	1754	3618	4092
LHBP-W2165-D50-D1	2	665×180×380	6.5	1356	2808	3276
LHBP-W2220-D50-D1	2	665×172×494	8	1108	2232	2574
LHBP-W4165-D50-D1	2	1225×180×380	8.5	684	1464	1708
LHBP-W4220-D50-D1	2	1225×180×380	9.5	684	1464	1708
LHBP-W4300-D50-D1	2	1225×180×380	10	684	1464	1708

Dimensions:

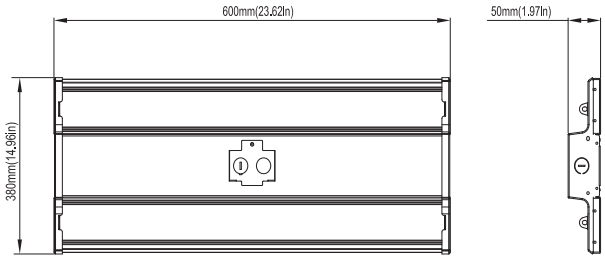
2FT

LHBP-W2105-D50-D1-SS



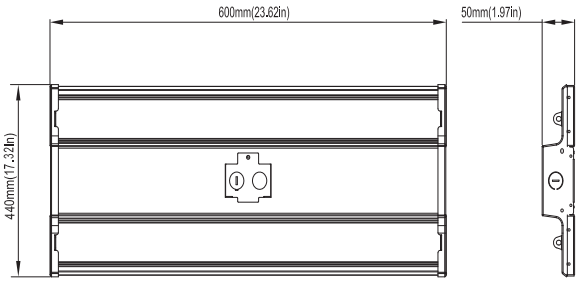
2FT

LHBP-W2165-D50-D1-SS



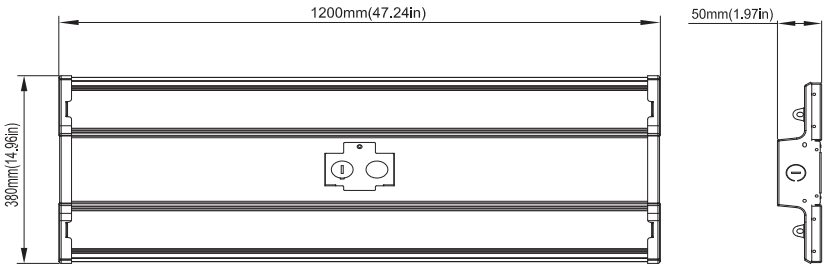
2FT

LHBP-W2220-D50-D1-SS

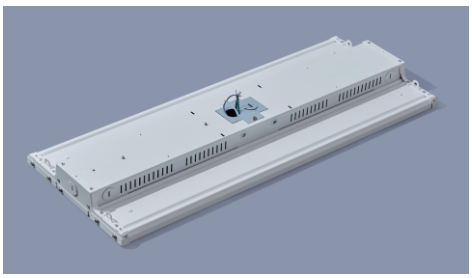


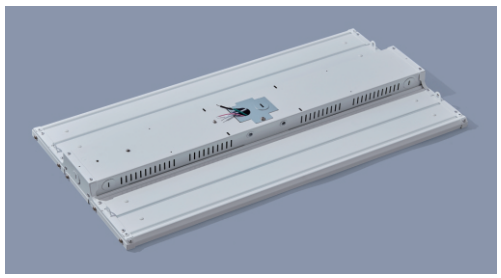
4FT

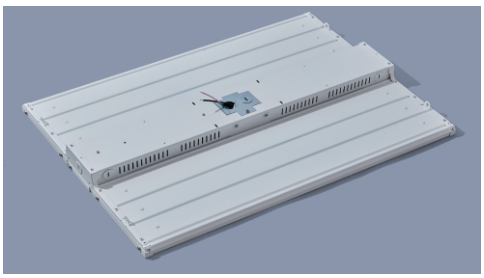
LHBP-W4165-D50-D1-SS
LHBP-W4220-D50-D1-SS
LHBP-W4300-D50-D1-SS

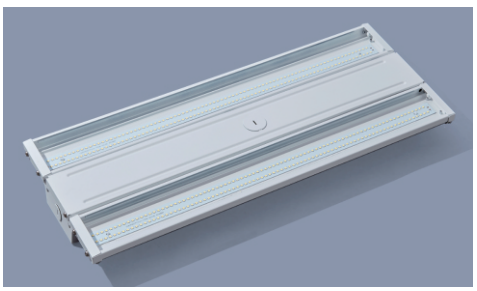


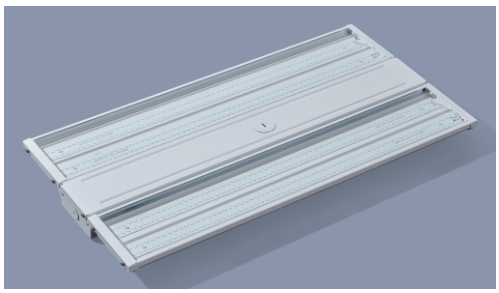
Product:

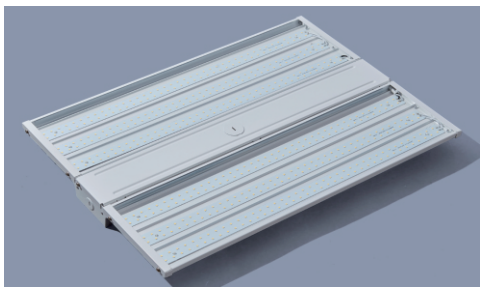


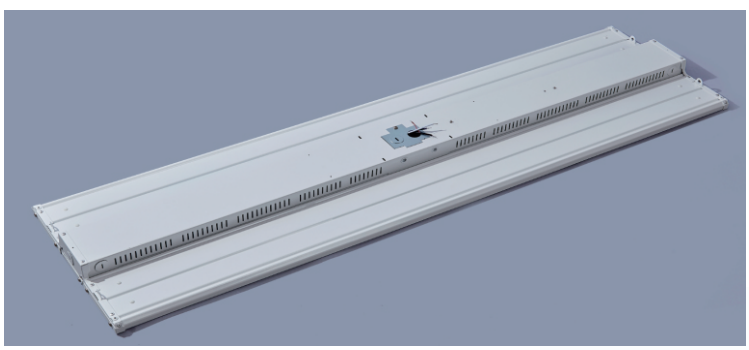


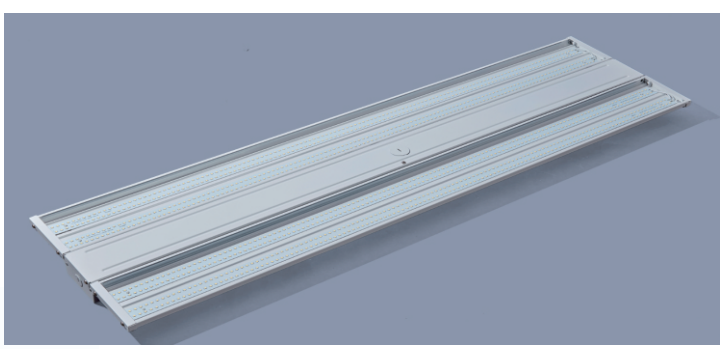












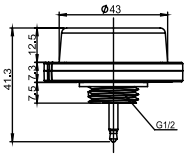
■ Bi-level Microwave Sensor For High Bay Light
ANT-5-4 Instruction

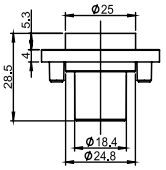
ANT-5-4

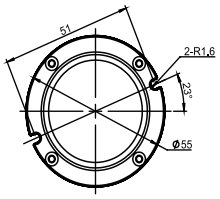
ANT-5-4T (sensor)

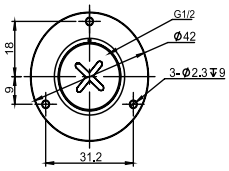
ANT-5-4B
(connecting base)

RC-100









INTRODUCTION

The ANT-5-4 is a motion sensor that dims lighting from high to low based on movement. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body. The sensor plus module connects to the ANT-5-4 sensor socket through a 1.30″ diameter hole in the bottom of the fixture.

The sensors use microwave sensing technology that reacts to changes in movement within the coverage area. Once the sensor stops detecting movement and the time delay elapses lights will go from high to low mode and eventually to an OFF position if it is desired. Sensors must directly “see” motion of a person or moving object to detect them, so careful consideration must be given to sensor luminaire placement and lens selection. Avoid placing the sensor where obstructions may block the sensor’s line of sight.

SPECIFICATIONS

Operating voltage	12~24Vdc
Max. current sink	30mA±5%
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Dim control output	0-10V
Detection radius	20%/50%/75%/100%(1-8m)
Mounting height	Max 50ft.(15meters)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-4°F ~ +140°F (-20°C ~ +60°C)
IP	IP65

⚠ WARNING

NOTE: Warm up time is 15seconds. After the sensor connects input power first time, the light will keep on 15seconds, then go to dimming to work normally.

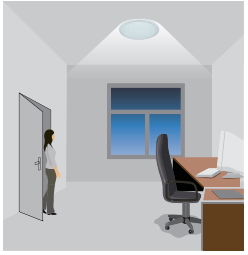
NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 10seconds, Daylight sensor is 30lux, Dimming level: 30%,Dimming time: 60minitues.

NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

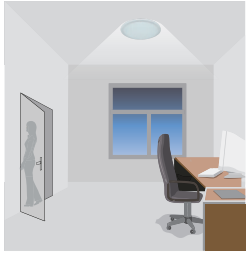
Corridor Function

This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.

With suffcient natural light, the light does not switch on when presence is detected.



With insufficient natural light, the sensor switches on the light automatically when presence is detected.



After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.

Light switches off automatically after the stand-by period elapses.

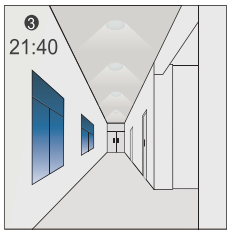
■ Bi-level Microwave Sensor For High Bay Light
ANT-5-4 Instruction

Daylight Sensor Function

Open the daylight sensor by push ⏻ when remote control is in setting condition.

The light switches on at 100% when there is movement detected.

The light dims to stand-by level after the hold-time.

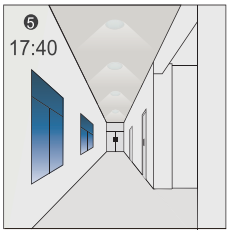


The light remains in dimming level at night.

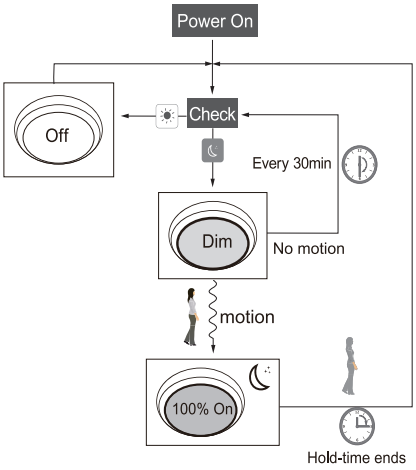
Settings on this demonstration:
Hold-time: 30min
Setpoint on:50lux
Setpoint off:300lux
Stand-by Dim: 10%
Stand-by period: +∞
(when the smart photocell sensor open, the stand-by time is only +∞)

❶⇆❸ goes in cycle at night ···
100% on when movement detected, and dims to 10% in long absence.

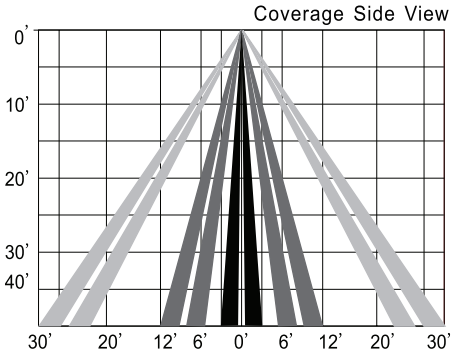
When the natural light level exceeds setpoint off to light,the light will turn off even if when the space is occupied.

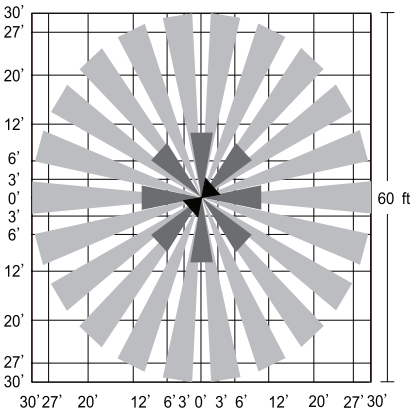


The light automatically turns on at 10% when natural light is insuffcient (no motion).

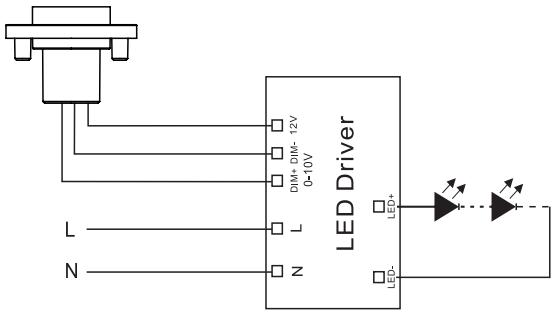


SENSOR COVERAGE





WIRING DIAGRAMS



LINEAR LED HIGH BAY

Installation Guide

Please read this quick installation guide. The guide contains important information and notes regarding the installation and operation

CAUTION

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

Review the diagrams thoroughly before beginning. If you feel you do not have electrical wiring experience, have your fixture installed by a qualified licensed electrician.

All electrical connections must be in accordance with local codes, ordinance and the National Electric Code. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified licensed electrician.

Before starting the installation, disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.

Do not use outdoors.

Equipment should be mounted in locations and at heights where it will not readily be subject to tampering by unauthorized personnel.

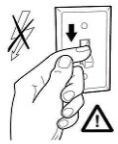
Do not use this equipment for other than intended use.

Qualified personnel should perform all servicing.

INSTALLATION AND ELECTRICAL CONNECTION

Voltage input options:120-277V or 277-480V 50\60Hz(See label marked

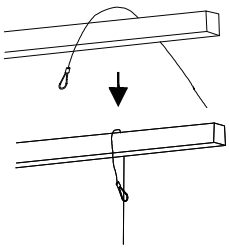
Operating temp:-20℃ to 45℃



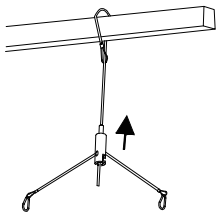
⚠WARNING

RISK OF FIRE,ELECTRIC SHOCK OR PERSONAL INJURY

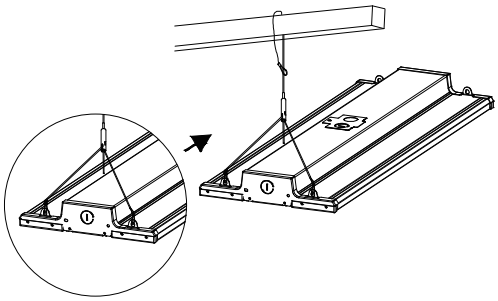
Before installation,turn power off.



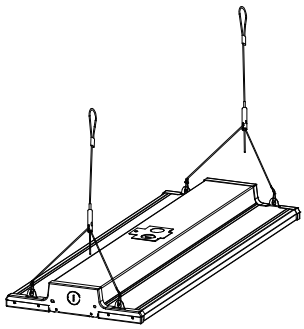
1.Take the lamp and accessories out of the carton
Take the wire rope is fixed on the beam



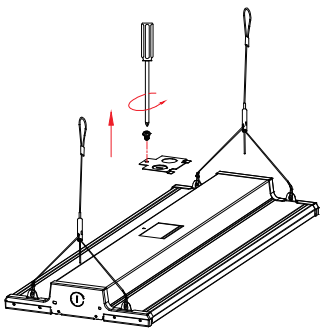
2.Install the lock on the wire rope



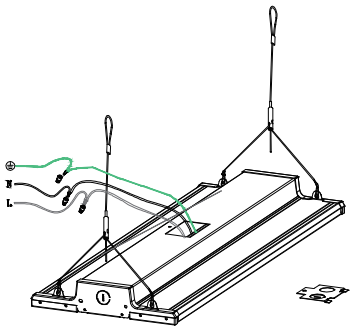
3.Install the hook into the hole of the lamp



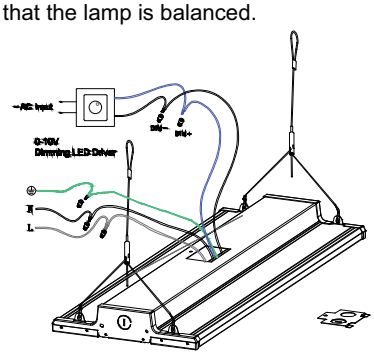
4.Adjust the height of the rope
so that the lamp is balanced.



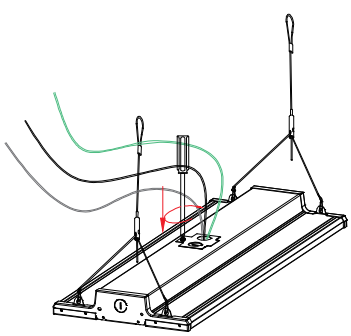
5.Open the terminal block



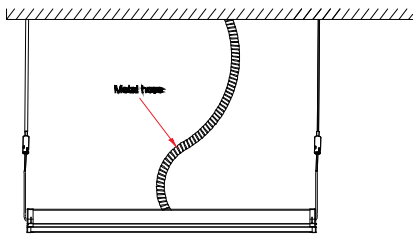
6.Connect the AC wire



7.(optional)Connect dimming wire



8.After the power cord is correctly connected,
reinstall the access plate



9.Wrap wires with metal material