



# Sharklet



## **Power and CCT Tunable LED Linear high Bay**

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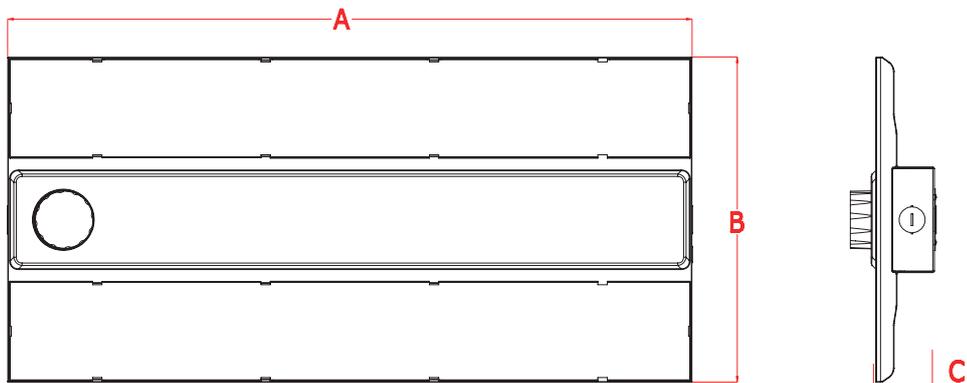
## Product Appearance



## Product Features

- 1. DLC5.1& FCC listed with LM79 & LM80
- 2. High luminous efficacy 140lm/w
- 3. High quality isolated driver, 0-10V dimming, Flicker free
- 4. PF>0.95, driver efficiency >93%, THD<20%
- 5. New generation die-cast aluminum design with light transmittance PC cover, and UGR<28.
- 6. Installation: hanging,it can add extra motion sensor or emergency battery.
- 7. Designed for warehouses, gymnasiums, and industrial spaces
- 8. Five years warranty

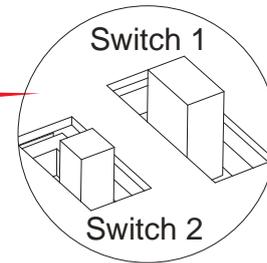
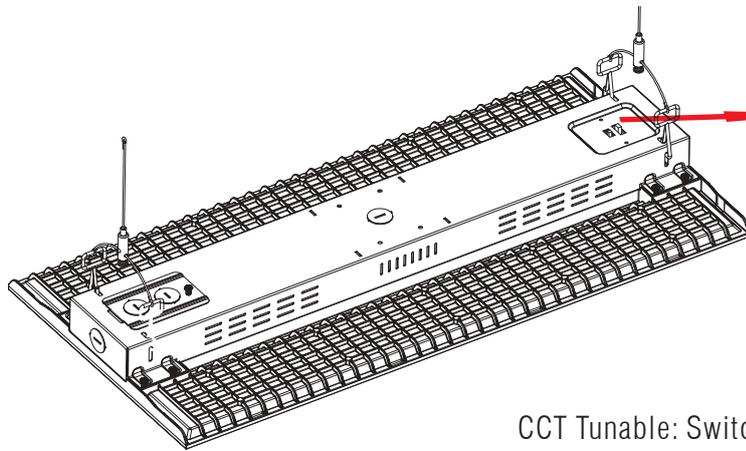
## Product Dimension



Mode	A (inch)(mm)	B (inch)(mm)	C (inch)(mm)
GL-HB5-165W-L	14.17"(360mm)	10.24"(260mm)	2.17"(55mm)
GL-HB6-220W-L	18.11"(460mm)	10.63"(270mm)	2.17"(55mm)
GL-HB11-300W-L	23.03"(585mm)	10.63"(270mm)	2.17"(55mm)
GL-HB11-320W-L	23.03"(585mm)	10.63"(270mm)	2.17"(55mm)

## Specification

Mode	Power (Tunable)	Input Voltage	Input Current	Light Efficacy	PF	Ra	CCT (Tunable)
GL-HB5-165W-L	110-130-165W	AC120-347V	1.65A	140lm/w	>0.95	>80	4000K-5000K
GL-HB6-220W-L	180-200-220W	AC120-347V	2.2A	140lm/w	>0.95	>80	4000K-5000K
GL-HB11-300W-L	255-275-300W	AC120-347V	3.0A	140lm/w	>0.95	>80	4000K-5000K
GL-HB11-320W-L	225-275-320W	AC120-347V	3.2A	140lm/w	>0.95	>80	4000K-5000K

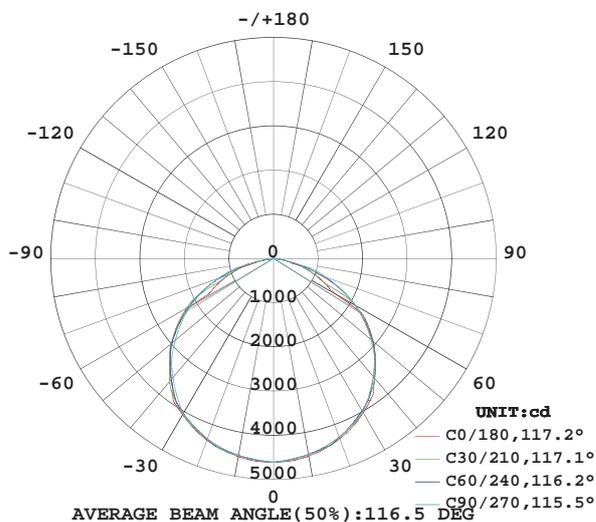


CCT Tunable: Switch 2  
4000K-5000K

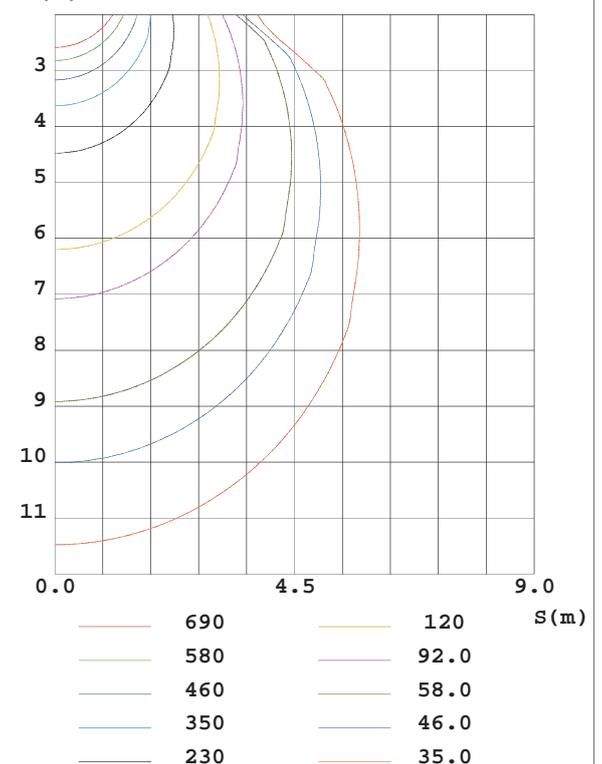
Watt Tunable: Switch 1  
3 different pwr:  
GL-HB5-165W-L: 110-130-165W  
GL-HB6-220W-L: 180-200-220W  
GL-HB11-300W-L: 255-275-300W  
GL-HB11-320W-L: 225-275-320W

## Testing Report

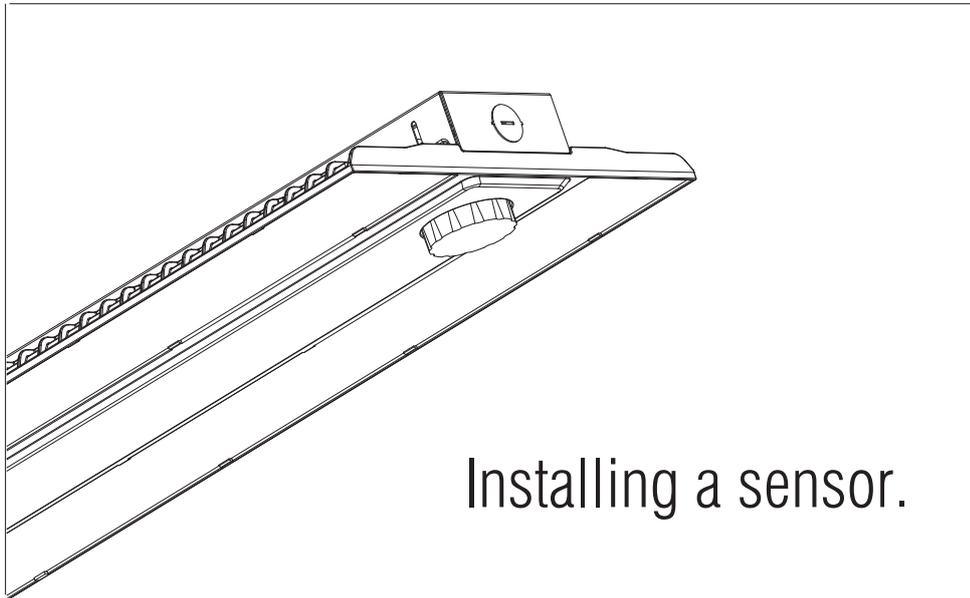
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

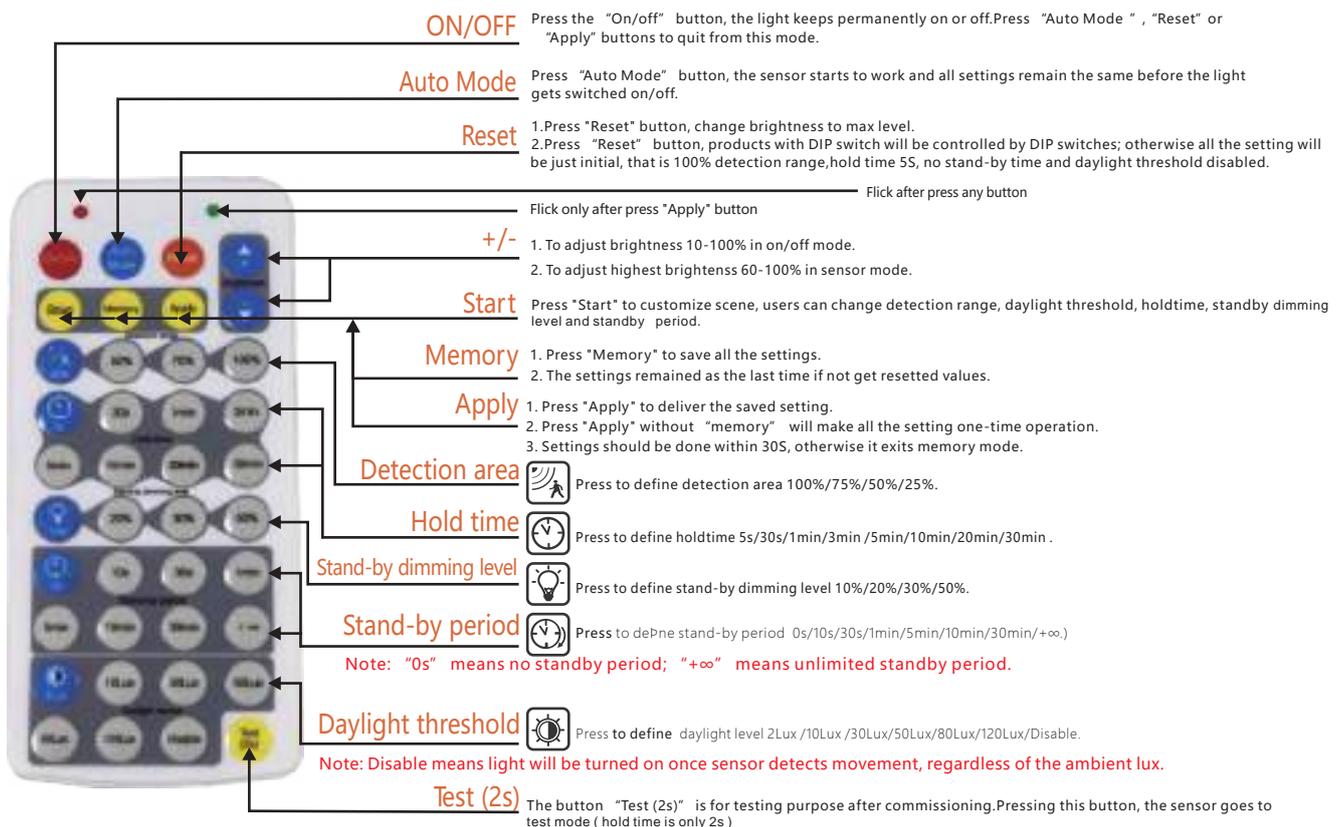


## MOUNTED TO LINEAR HIGH BAY LIGHT



## Photocell sensor+ microwave sensor cap

- Customer can set it according to actual needs with a remote.



**ON/OFF** Press the "On/off" button, the light keeps permanently on or off. Press "Auto Mode", "Reset" or "Apply" buttons to quit from this mode.

**Auto Mode** Press "Auto Mode" button, the sensor starts to work and all settings remain the same before the light gets switched on/off.

**Reset** 1. Press "Reset" button, change brightness to max level.  
2. Press "Reset" button, products with DIP switch will be controlled by DIP switches; otherwise all the setting will be just initial, that is 100% detection range, hold time 5S, no stand-by time and daylight threshold disabled.

**Apply** Flick after press any button

**+/-** 1. To adjust brightness 10-100% in on/off mode.  
2. To adjust highest brightness 60-100% in sensor mode.

**Start** Press "Start" to customize scene, users can change detection range, daylight threshold, holdtime, standby dimming level and standby period.

**Memory** 1. Press "Memory" to save all the settings.  
2. The settings remained as the last time if not get resetted values.

**Apply** 1. Press "Apply" to deliver the saved setting.  
2. Press "Apply" without "memory" will make all the setting one-time operation.  
3. Settings should be done within 30S, otherwise it exits memory mode.

**Detection area**  Press to define detection area 100%/75%/50%/25%.

**Hold time**  Press to define holdtime 5s/30s/1min/3min /5min/10min/20min/30min .

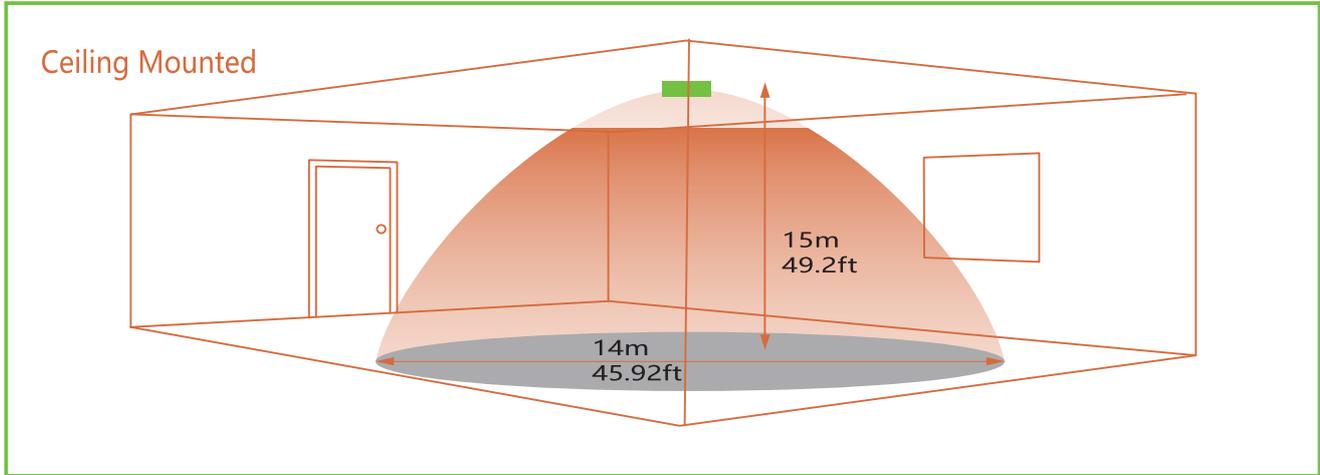
**Stand-by dimming level**  Press to define stand-by dimming level 10%/20%/30%/50%.

**Stand-by period**  Press to define stand-by period 0s/10s/30s/1min/5min/10min/30min/+∞.)  
**Note: "0s" means no standby period; "+∞" means unlimited standby period.**

**Daylight threshold**  Press to define daylight level 2Lux /10Lux /30Lux/50Lux/80Lux/120Lux/Disable.  
**Note: Disable means light will be turned on once sensor detects movement, regardless of the ambient lux.**

**Test (2s)** The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode ( hold time is only 2s)

## ● Detection Patterns



## ● Technical data

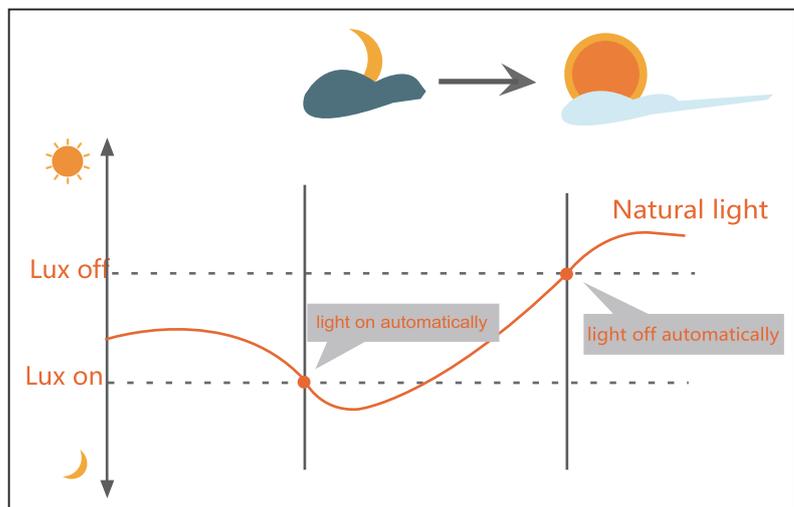
Operating voltage	10-15VDC
Operating current	30mA±5%
Output	DIM1-10V
Stand-by power	<0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min/5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	Max.15m/49.2ft
Detection range	Max.14m/45.92ft
Operating temperature	-20°C~+60°C

## ● Lux on/off

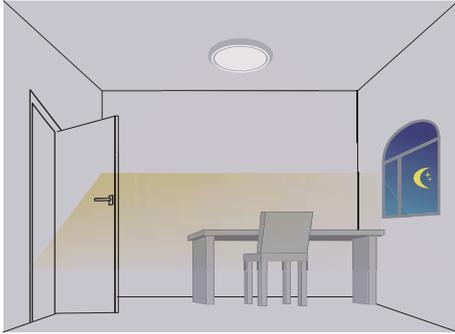
Adopted dual PD technology, it is able to differentiate artificial light brightness from natural light after installed inside the fixture, and automatically turn off light when ambient brightness exceeds preset lux level.

### Preconditions to use the Lux-off function:

1. Standby period is +∞;
2. Standby dimming level is on 10%, or 30%;
3. Daylight threshold is on 30Lux, 50Lux, 80Lux or 120Lux.



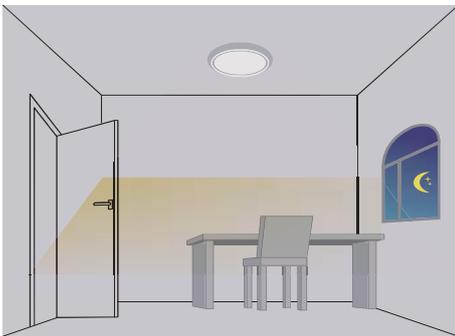
## ● Application——Lux on/off



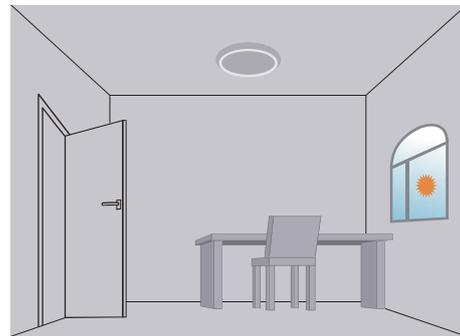
Light automatically on when ambient brightness is lower than preset lux level.



With insufficient ambient brightness, light dims to 100% when motion detected.

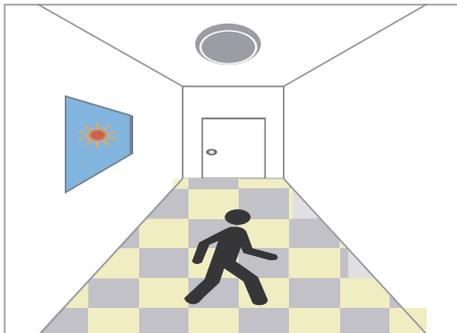


Light dims to standby level if no motion detected after holdtime.



Light off when ambient lux level is higher than preset lux amount.

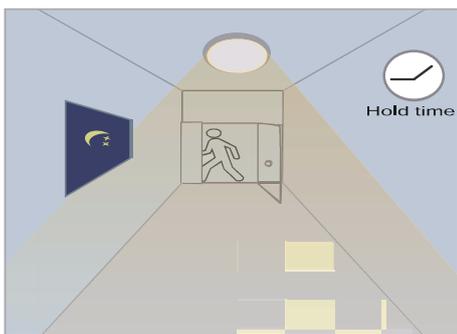
## ● Application——Dimmable control/Corridor function



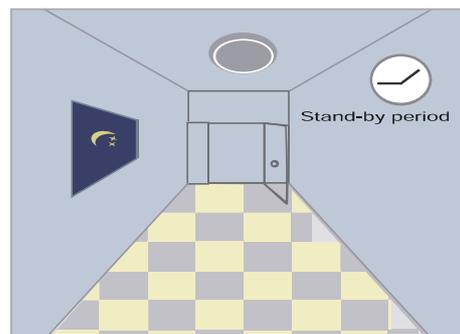
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



After the stand-by period, light OFF. After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after holdtime.

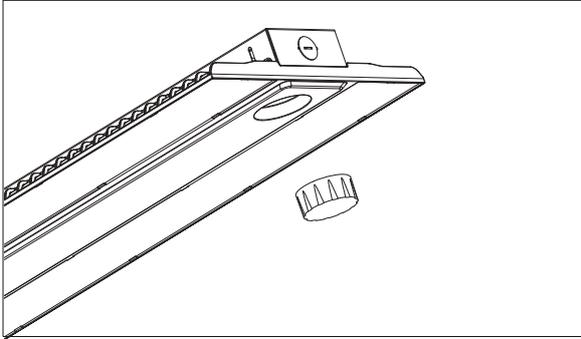


Light dims to standby level if no motion detected after holdtime.

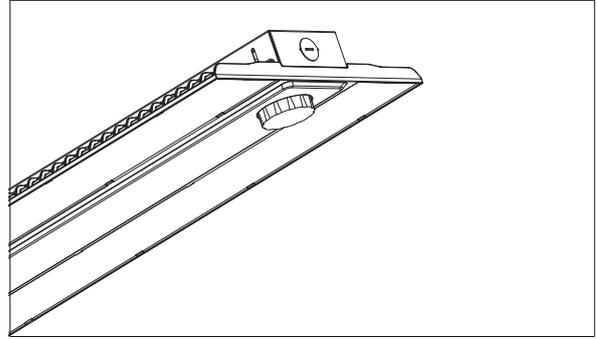
## INSTALLATION INSTRUCTIONS

Please cut off the power before installation

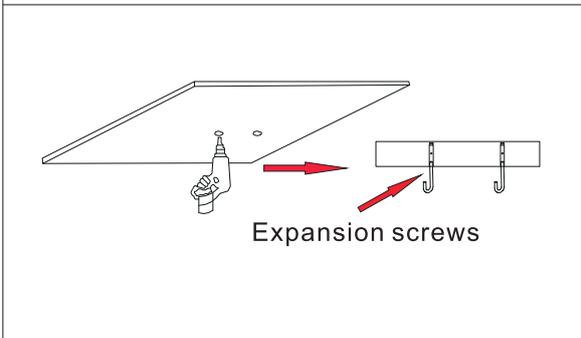
1. Remove the dust proof cover.



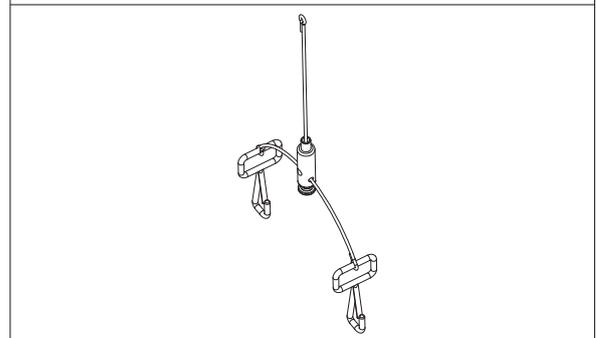
2. Installing a sensor.



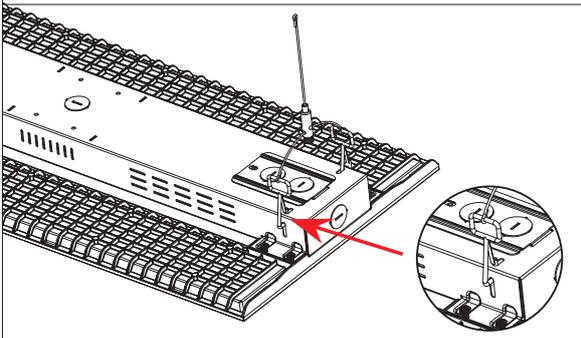
3. Drill two holes in the ceiling put the hook into the hole.



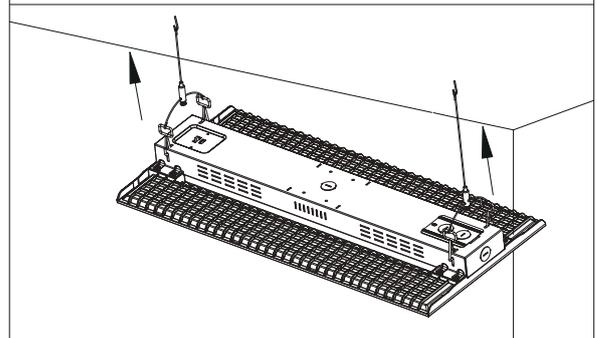
4. Take Y shape stainless steel rope out of the package.



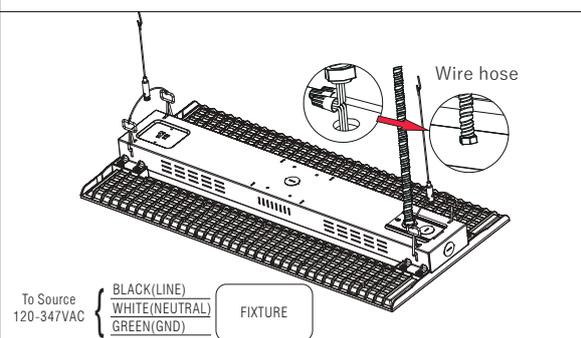
5. Insert the hook into the slotted holes as shown below.



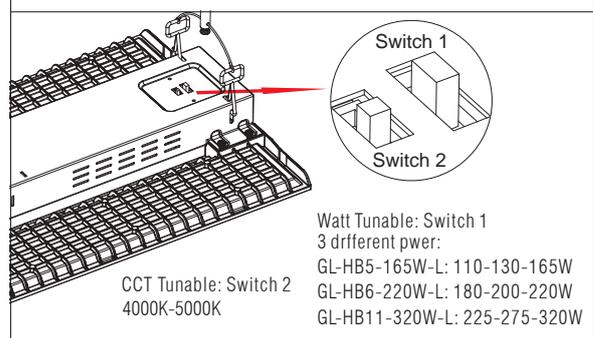
6. Hook up the safety steel on the ceiling anchor.



7. Turn off power, and make wiring connections with screw-on wire connectors insert the terminal cap and wires into the driver box.



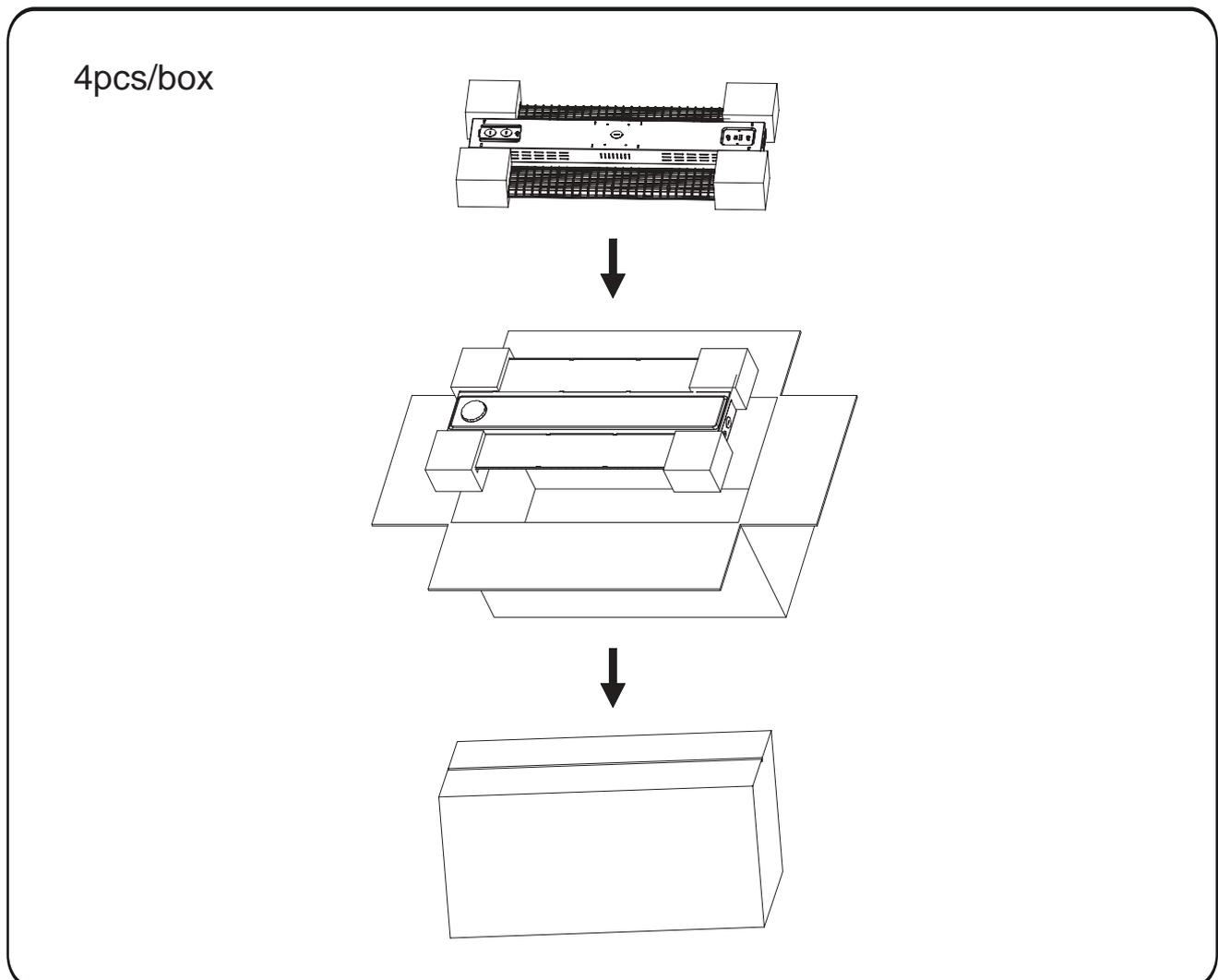
8. Toggle the dip switch to required power.



## Packing /weight

Part NO.	Outer Carton Size (LxWxH)	Qty/Carton (pcs)	Net weight (kg)(lbs)	Gross weight (kg)(lbs)	20GP (QTY)	40HQ (QTY)
GL-HB5-165W-L	15.94"*12.01"*11.81" (405*305*300mm)	4	7.84kg/17.28lbs	8.68kg/19.14lbs	2980	7028
GL-HB6-220W-L	19.88"*12.80"*11.81" (505*325*300mm)	4	10.32kg/22.75lbs	11.30kg/24.91lbs	2260	5324
GL-HB11-300W-L GL-HB11-320W-L	24.80"*12.80"*11.81" (630*325*300mm)	4	13.04kg/28.75lbs	14.14kg/31.17lbs	1816	4284

## Packing



## LED Linear High Bay



### Note

- 1.The installation and maintenance must be completed by electricians or professionals.
- 2.Please cut off the power before installation and maintenance.
- 3.The fixture is not allowed to be covered by thermally insulating material.
4. Please keep away from the corrosive substance,and keep the fixture dry and clean.
5. Working temperature:-4°F~104°F, storage temperature:-22°F~140°F.