

LED TEMPORARY WORK LIGHT

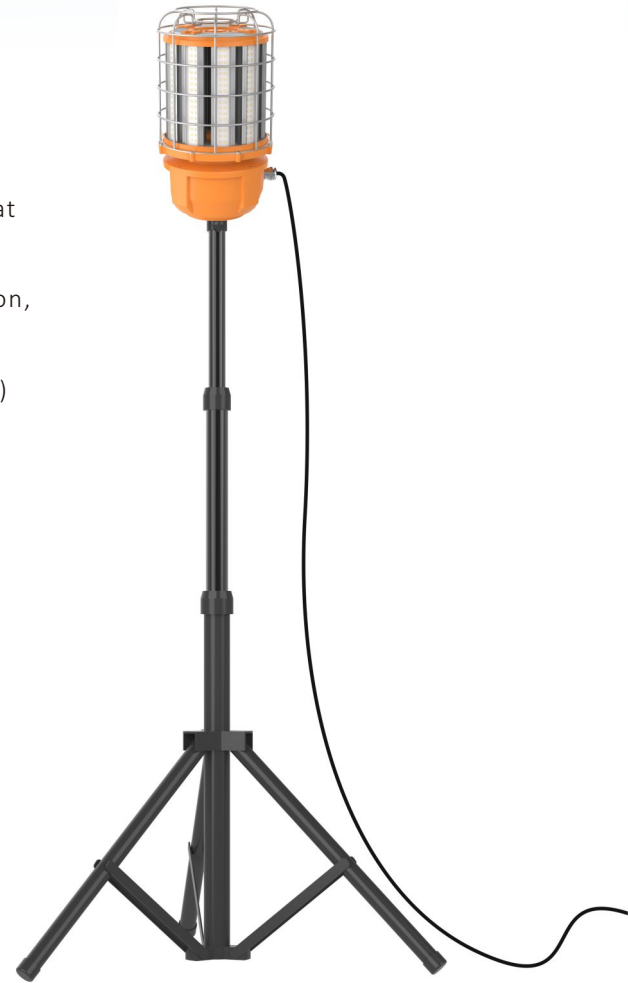
HIGH LIGHT · Large range, high brightness, long range



Illuminating brightness Large range, high brightness, long range, long life of the bulb, The average service life is more than 50000 hours. Stainless Steel guard outdoor emergency lighting plug-in-Play. Die cast aluminum lamp body. Air convection design between up and down of the lamp, promoting the heat dissipation function so that could ensure the lamp lifespan with a variety of installation. Optional: tripod installation, chain installation, suspension installation, magnet installation, The luminaire could be linkable (80W max link 9pcs; 100w max link 7pcs; 120W max link 6pcs; 150W max link 5pcs.)

► Features

- ☑ 1. Beam angle: 360 degrees.
- ☑ 2. Aluminum heat sinks and active air exchanging cooling system in order to speed up heat dissipation.
- ☑ 3. It's major to replace the CFL/MH/HID/HPS.
- ☑ 4. Green, energy saving, long and reliable life of 50,000 hours.
- ☑ 5. No RF interference, No IR/UV radiation, no mercury pollution.
- ☑ 6. Streamline exterior design, beautiful appearance.
- ☑ 7. Environment friendly, energy saving (70-80%).
- ☑ 8. Special circuit design, each LED works separately, avoiding the single broken LED influence problem



► Product picture



MODEL: BB-HJD-XXXW-Q4

DATA SHEET

Power	80W	100W	120W	150W
Model	BB-HJD-80W-Q4	BB-HJD-100W-Q4	BB-HJD-120W-Q4	BB-HJD-150W-Q4
Luminous Flux	12000lm	15000lm	18000lm	22500lm
Replacement	HPS 250W	HPS 300W	HPS 350W	HPS 400W
Light Source	2835 SMD LED			
Luminous Efficacy	≥150lm/w			
Options	1.The connector is optional. 2.With emergency power(After the power failure, make sure the lamp can still work for 1.5h).			
Operation Temp.	-40 to +45℃			
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW / 6500K SCW			
CRI	80+			
Life Span	50,000 hours at 25℃			
Voltage	100-277VAC/50-60Hz 200-480VAC/50-60Hz available			
Driver	Internal Power Supply.Emergency power supply is optional			
Dimming	Standard: Not dimmable; Dimmable optional.			
Sensor	Standard: No sensor; Microwave sensor optional.			
Remote Control	Standard: No remote; Remote control optional.			
Beam Angle	360°			
Cover	Transparent cover(default)			
Lamp Base	1.Suspension loop 2.Lifting hook 3.Floor stand 4.U clamp 5.Magnetic bracket 6.Portable bracket 7.With 4-8' tripod			
PF	>0.95			
Warranty	5Years			

► Model Nomenclature

Model:BB-HJD-XXXW-Q4-ABC-EFGH-I,For example:BB-HJD-80W-Q4-LD-27K90BLE-3

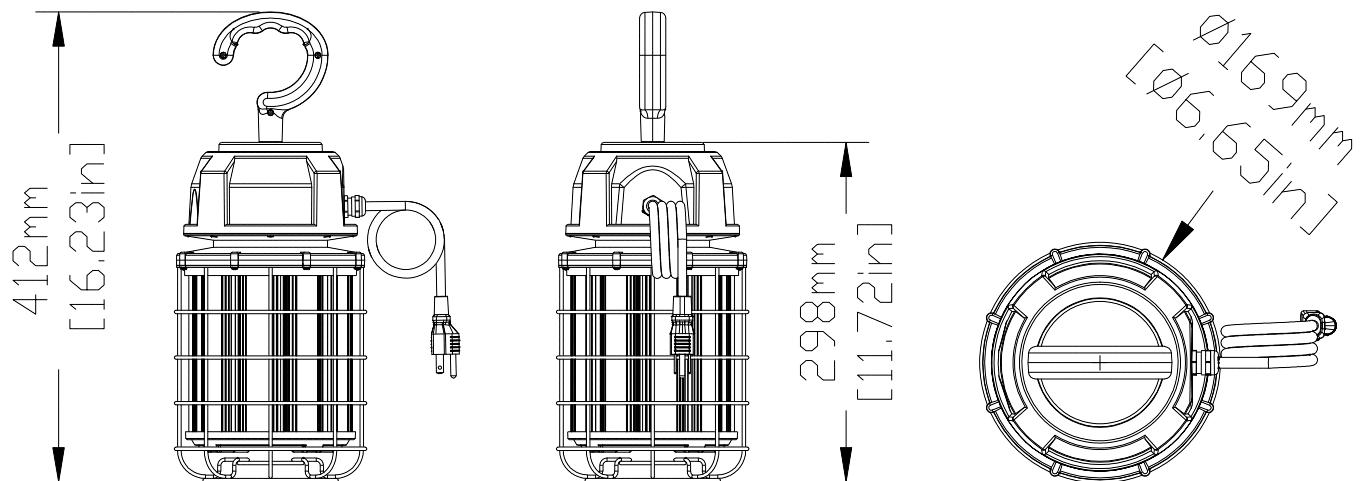
Electric Character			Optics Character				Physical Character
A	B	C	E	F	G	H	I
Power	Input voltage	Dimming	CCT	CRI	LED CHIP	Emergency power supply	Installation
80W 100W 120W 150W	L-100-277V H-200-480V	Blank-No Dim D-Dimmable	27K-2700K 30K-3000K 40K-4000K 50K-5000K 57K-5700K 65K-6500K	70-Ra70 80-Ra80 90-Ra90	Blank-2835 LED	Blank-Without E-Emergency power supply	1.Suspension loop 2.Lifting hook 3.Floor stand 4.U clamp 5.Magnetic bracket 6.Portable bracket 7.With 4-8' tripod

► Application case

Temporary lighting, engineering decoration, outdoor temporary lighting and so on

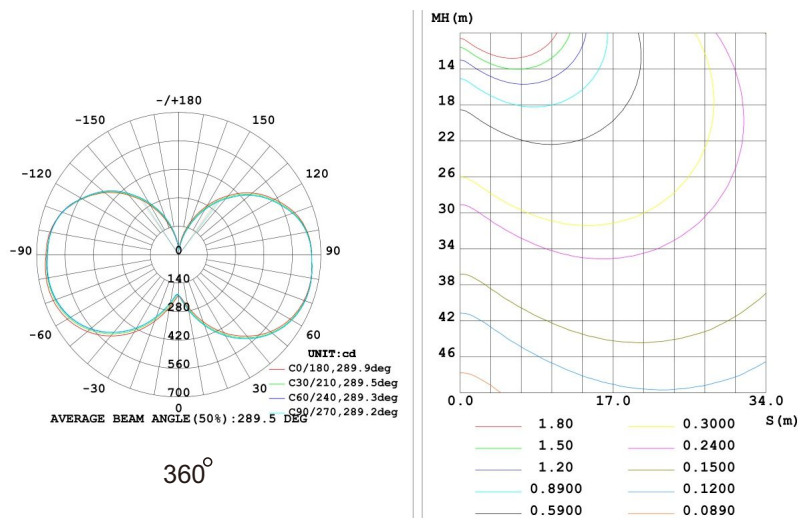


► Dimension



80W/100W/120W/150W

► Surface Of Intensity Distribution



► Install options

Below is a list of the mounting versions of the work light. Mounting options can be easily changed with no special tools.

To buy more than one mounting option for your light, please contact us.



1.Suspension loop

- Chain suspension mounting



2.Lifting hook

- Easy to install, flexible installation



3.Floor stand

- With floor stand , Put it on the floor



4.U clamp

- With clamp mount , Clamp the lamp to the pole.



5.Magnetic bracket

- Install on the iron items any Angle



6.Portable bracket

- Hold by hand or install on the board/wall.



7. Ceiling mounting

- Fixed on ceiling/wall /concrete floor

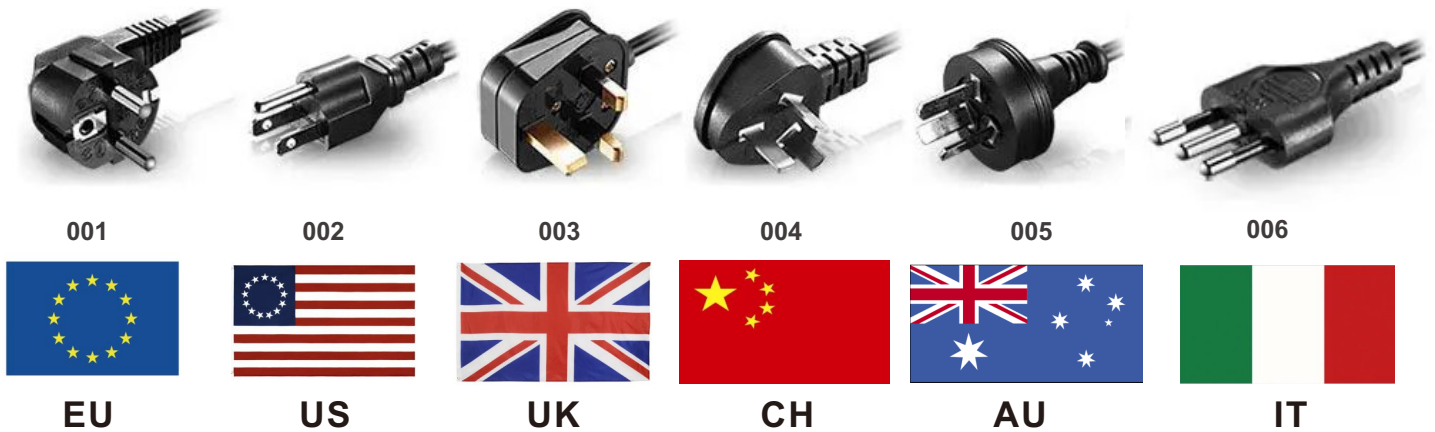


8.With 4-8' tripod

- High and low adjustment

▶ Plug

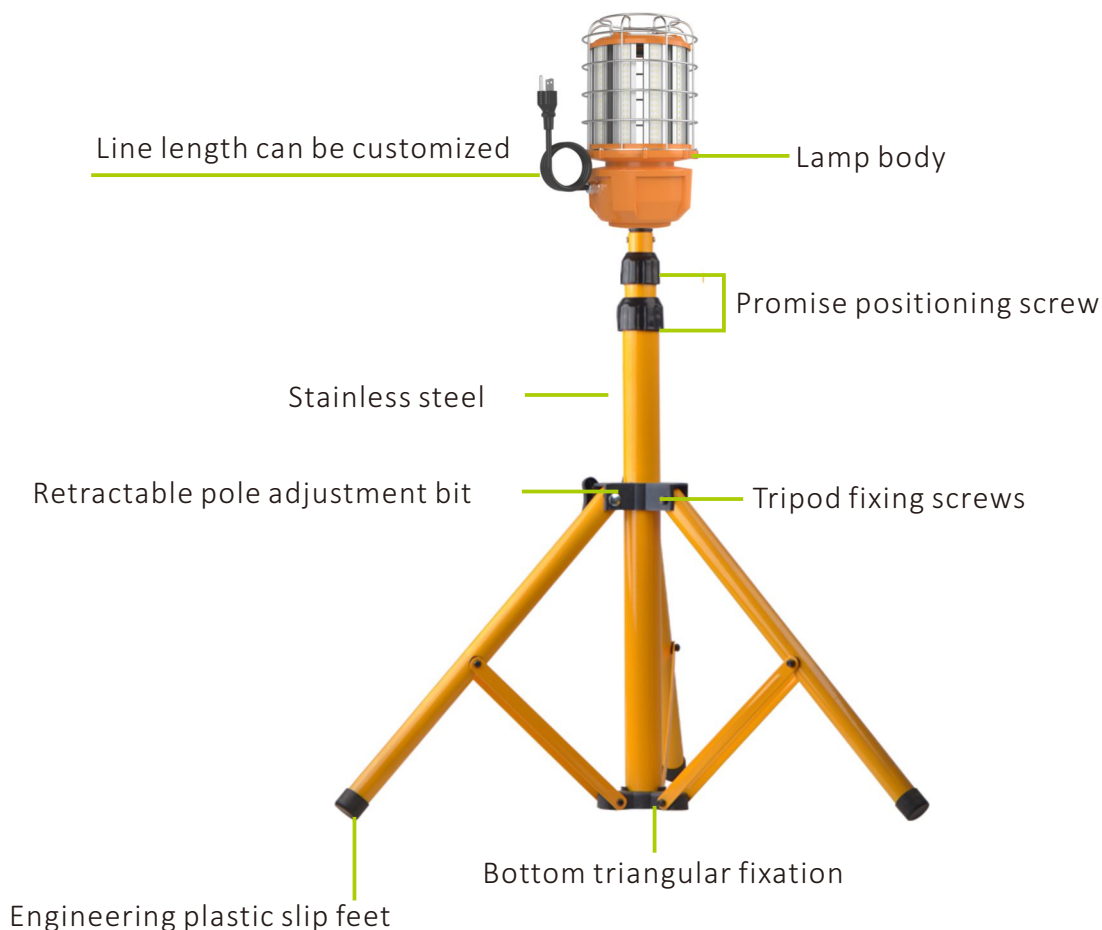
Plug can be optional as required ,Please contact sales.



▶ Tripod Stand

Tripod stand is optional(Adjustable height 0.6m~1.6m).

Customers can choose according to their needs.If necessary, please contact sales.



Emergency module is not provided. If you need it, please contact sales.



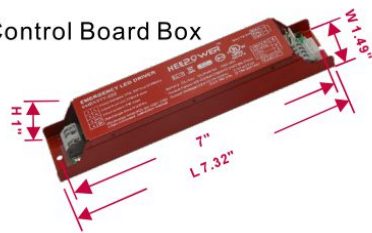
Emergency Light Push To Test:

1. In the state of mains power, press the test switch once, and emergency for 30 seconds.
2. In the state of mains power, press the test switch twice within 2 seconds, and emergency wait until the battery is completely discharged.
3. In the emergency state, pressing the test switch will turn off the emergency state, and the lamps and emergency indicators will go out at the same time.

Charging Indicator Light:

1. In the state of mains power, the indicator light is always on.
2. In the emergency state, the indicator light flashes slowly (on for 2 seconds and off for 2 seconds).
3. In the fault state, the indicator flashes quickly (on for 0.2 seconds, off for 0.2 off).

Control Board Box



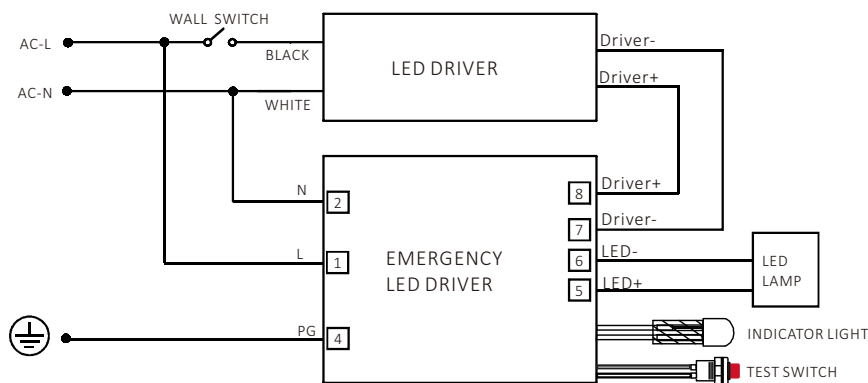
Battery Pack



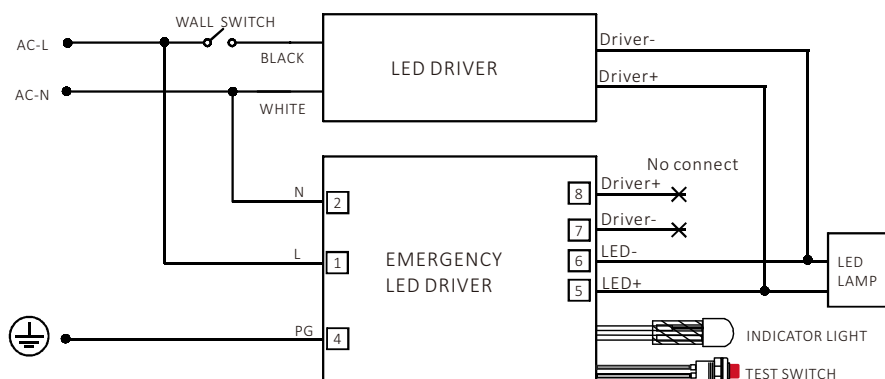
Feature

- ★ UL listed for us and canada.
- ★ Listed to UL924 and tested to CSA C22.2 No.141 Field or factory installation.
- ★ High voltage output
- ★ Low energy consumption CEC compliance.
- ★ Constant output power.
- ★ Self-testing.
- ★ Battery: over temperature protection.

Wiring



WIRING DIAGRAM 1 (The lamp power is less than 120W and the driver's output current is less than 3A.)



WIRING DIAGRAM 2 (The lamp power is more than 120W and turn off wall switch before testing.)

*The microwave motion sensor is not provided by default, If you need, please contact sales.



Microwave motion sensor



On/off control



Detection area



Hold time



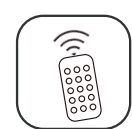
Daylight sensor



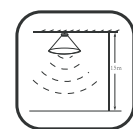
Stand-by period



Stand-by dimming level



Remote control setting



10-15M Highbay altitude



5 year warranty

Technical data

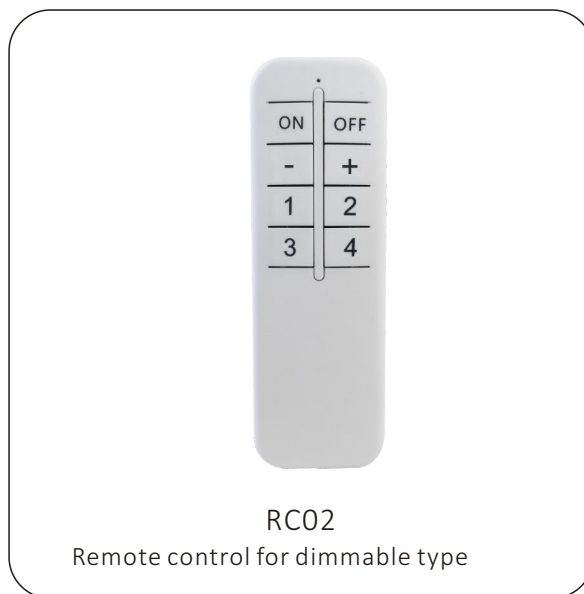
Operating voltage	10-15V DC
Operating current	30mA±5%
Output	DIM 1-10V
Stand-by power	<0.5W
Detection area	25%/50%/75%/100%
Hold time	5s/30s/1min/3min//5min/10min/20min/30min
Daylight threshold	2Lux/10Lux/50Lux/Disable
Stand-by period	0s/10s/30s/1min/5min/10min/30min/+∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Detection angle	30-150°
Control line	Red 12V; Black GND; White -; Yellow +
Mounting height	Max.15m(ceiling mounted)
Detection range	Max.∅14m(ceiling mounted) Max.20m(wall mounted)
Operating temperature	-20°C~ +60°C
IP rating	IP20

*The remote control is not provided by default,If you need, please contact sales.



RC01

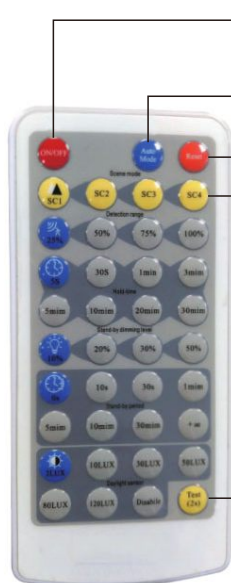
Remote control for microwave type



RC02

Remote control for dimmable type

• Remote control RC01





- ON/OFF
 - * Press the "ON/OFF" button, the light keeps permanently on or off.
 - * Press "Auto Mode", "RESET" or "Scene mode" 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
 - * Press "RESET" button, products with DIP switch will be controlled by DIP switches.
- Scene Mode

Scene Mode	Detection	Hold-time	Daylight threshold	Stand-by period	Stand-by dimming level
Sc1	100%	30s	2Lux	1min	10%
Sc2	100%	5min	10Lux	10min	10%
Sc3	100%	10min	50Lux	30min	10%
Sc4	100%	30min	Disable	+∞	10%

- Test
 - * The button "Test (2s)" is for testing purpose after commissioning. Pressing this button, the sensor goes to test mode(hold time is only 2s) automatically, stand-by period and daylight sensor are disabled.
 - This mode can be ended by pressing "reset", "Auto mode" "scene mode" or "hold time".
 - The sensor setting is changed accordingly.
 - Brightness settings: Disable.
 - Test mode can press any key to exit this mode.

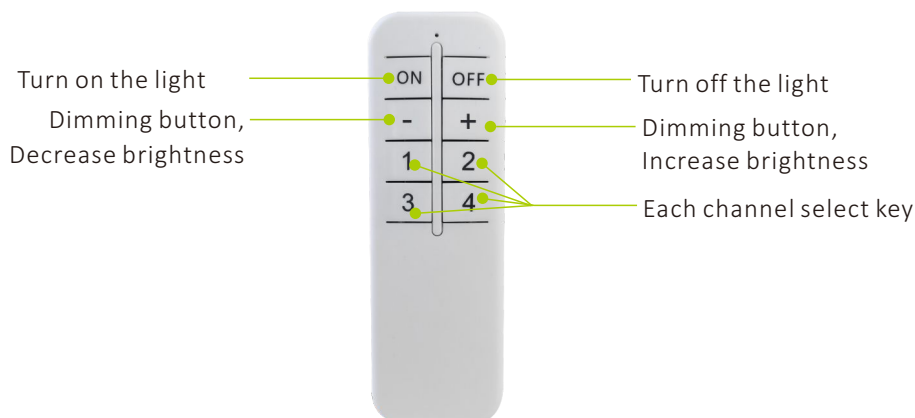
 On/off control	There are 4 fixed scene modes program built-in the remote control to choose for different applications.
 Detection area	Press the button "detection range" to set detection range as 100% / 75% / 50% / 10%.
 Hold-time	Press the button "hold-time" to set hold-time as 5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min .
 Daylight threshold	Press the button "daylight sensor" to set daylight threshold as 2Lux / 10Lux / 30Lux / 50Lux / 80Lux / 120Lux / disable.

 Stand-by period	Press the button “stand-by period” to set stand-by period as 0s / 10s / 30s / 1min / 5min / 10min / 30min / +∞. Note: “0s” means on/off control; “+∞” means bi-level dimming control.
 Stand-by dimming level	Press the button “stand-by dimming level” to set the stand-by dimming level as 10% / 20% / 30% / 50%.

Sensor installation method:

- * The distance between the inductor and the sensor is 4m wide;
- * Recommended installation of sensor suction ceiling height 3-6m;
- * Wall mounting height suggested 1-1.8m;
- * The remote controls the most remote distance 15 meters (in different places remote control distance will have the deviation).
- * Weight (including battery): 56.5g.

● Remote control RC02



Function:

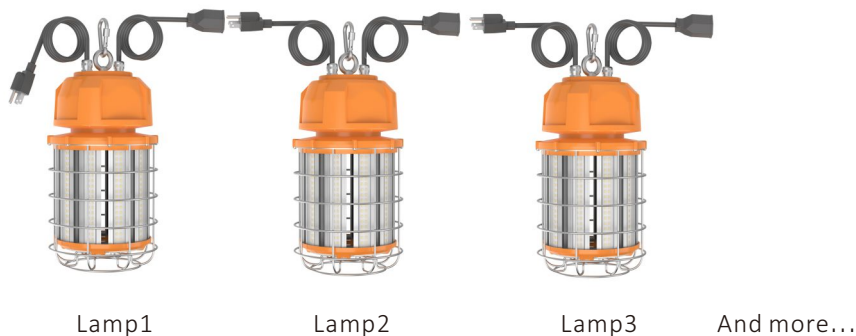
- * Wireless remote control, you can remotely control the light switch.
- * Can control the lights of 4 groups of channels, each group is independent.
Multiple lights can be set for each group.
- * The remote control distance is 10-20m.
- * Dimming function, you can increase and decrease the brightness of the lamp.
- * Must be used with dimming driver.

Note:

- * The work light without sensor and the work light with sensor can be equipped with RC02 remote control.
- * Only work light with sensor can be equipped with RC01 remote control.

► With Connector

For 80~150W lamp, the connector is optional. Customers can choose according to their needs. If necessary, please contact sales.



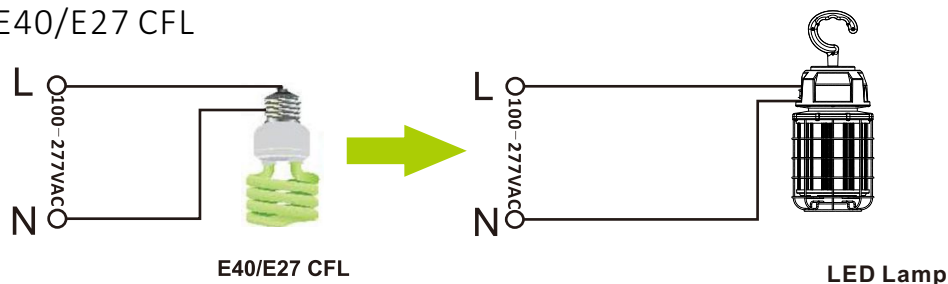
- The luminaire could be linkable series data table

Power	Voltage	Max Link Qty	Voltage	Max Link Qty	Voltage	Max Link Qty
150W	110V	5PCS	230V	10PCS	277V	12PCS
120W	110V	6PCS	230V	13PCS	277V	16PCS
100W	110V	7PCS	230V	16PCS	277V	19PCS
80W	110V	9PCS	230V	20PCS	277V	24PCS
60W	110V	12PCS	230V	26PCS	277V	32PCS
40W	110V	19PCS	230V	40PCS	277V	48PCS

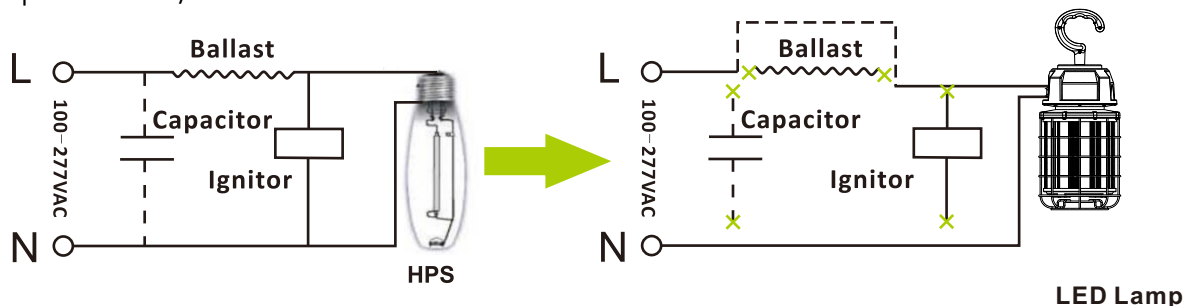
► Installation

Normally. The traditional lamp has the ballast or capacitor or ignitor, like HPS, MH.

- Replace E40/E27 CFL



- Replace HPS/MH



1. Remove the Ballast, Capacitor, Ignitor.
2. Only need to put the L (live wire), N (null line) connected to the external power supply

► Packing info

Items	Packaging	Carton Size(mm) (L*W*H)	N.W	G.W	Volume weight
80W	6pcs/CTN	610*430*420mm	13.4kg	14.5kg	22.0kg
100W	6pcs/CTN	610*430*420mm	14.2kg	15.3kg	22.0kg
120W&150W	6pcs/CTN	610*430*420mm	15.8kg	16.9kg	22.0kg
Tripod Stand	1pcs/CTN	620*100*100mm	2.6kg	3.5kg	2.5kg
	12pcs/CTN	640*330*420mm	42.0kg	43.0kg	22.0kg

