BBIER ®

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Project Name _____
Product Code _____
SKU No. _____
Memo. _____
Data _____

LED BALLOON LIGHT

Specification

Lightweight	Portable	Easy Setup
Glare-Free	360° Illumination	Diffused Light
High Efficiency	Low-Maintenance	Waterproof

It's also a compact solution for your work area lighting. The small size and ease of use translate to portability and quick deployment. This light balloon features a compact and flexible design that quickly provides light where you need it. Thanks to its simple construction, set up of the light is quick and easy.

- ☑ Hihtlihgt LED chips
- ☑ Optional remote controller
- ☑ UL listed power supply(IP 67)
- ☑ Aluminum alloy coat
- ☑ Energy efficient,low heat output
- ☑ Silent running
- ☑ Excellent heat dissipation
- ☑ 360°llumination

- ☑ Enhanced light penetration
- ☑ Easy Installation
- ☑ 50,000 hour lifespan
- ☑ plug and play
- ☑ With a variety of installation
- ☑ Lightweight slimline design
- ☑ Easy clip on bars
- ☑ Ip65 waterproof,Use in moist environment

1. Beam angle:360 degrees.

2. Aluminum die-casting heat sinks and active air exchanging ,

   cooling system in order to speed up heat dissipation

3. Green, energy saving, long and reliable life of 50,000 hours.

4. No RF interference, No IR/UV radiation ,no mercury pollution.

5. Wide colour availability in degrees Kelvin(K),2700-6700K.

6. Environment friendly ,energy saving (70-80%).

7. Special circuit design, each LED work separately, avoiding the single broken LED influence problem.

Aluminum die-casting

Steel mesh shield
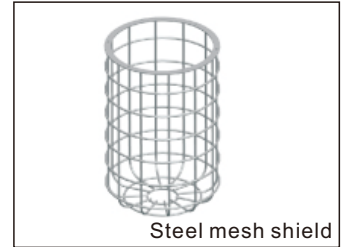
2 > Specifications

Lamp

Power	80W	100W	120W	150W
Model	BB-HJD-80W-B	BB-HJD-100W-B	BB-HJD-120W-B	BB-HJD-150W-B
Luminous Flux	10400lm	13000lm	15600lm	19500lm
Replacement	HPS 250W	HPS 300W	HPS 350W	HPS 400W
Light Source	SMD LED			
Luminous Efficacy	>130lm/w			
Lamp size	Cover: Ø280x280mm Imap: Ø280xH380mm			
Installation	Tripod／Eye bolt／Clamp/Trolley			
Operation Temp.	-40 to +45C			
CCT	2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW / 6500K SCW			
CRI	80+			
Life Span	50,000 hours at 25°C			
Voltage	100-277VAC/50-60Hz 200-480VAC/50-60Hz available			
Driver	Internal Power Supply			
Dimming	Standard: Not dimmable ; Dimmable optional.			
Remote Control	Standard: No remote ; Remote control optional.			
Beam Angle	360°			
Cover	Soft cloth(default)			
PF	>0.95			
Warranty	3Years			

Installation method	Accessories	Install Picture
Tripod		
Mobile power supply	+	
Trolley with mobile power	+ +	

Tripod

Style	Mini	Midi
Height(min-max)	1050-2032mm	1450-2180mm
Collapsed Height	930mm	1340mm
Collapsed Width	880mm	1200mm
Weight	3.2kg	7.1kg

Trolley

Style	Collapsible trolley
Height	1000mm
Length	950mm
Width	550mm
Weight	15kg
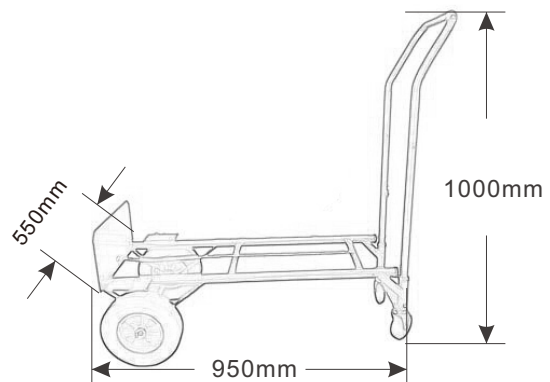
Lithium Battery

Model Number	Size
12V55AH	313x205x120mm
12V100AH	367x243x195mm
12V250AH	412x280x220mm

120mm
313mm
205mm
12V55AH

195mm
367mm
243mm
12V100AH
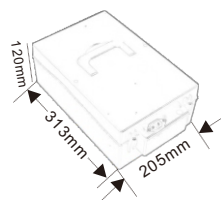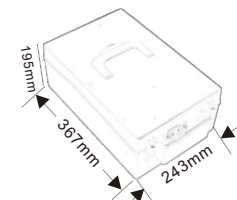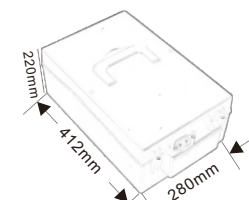
220mm
412mm
280mm
12V250AH

4 ▷ Dimensional drawing

280mm

280mm

100mm

Min: 1050mm

Max: 2032mm

880mm

Mini tripod

280mm

280mm

100mm

Min: 1450mm

Max: 2180mm

1200mm
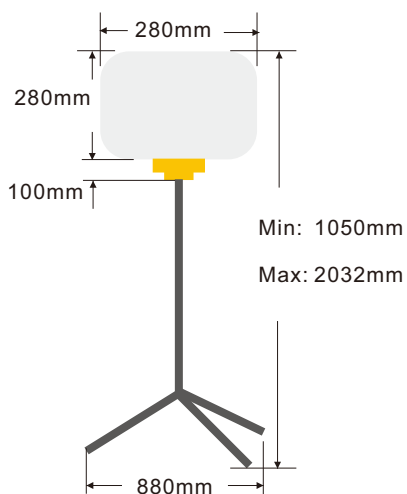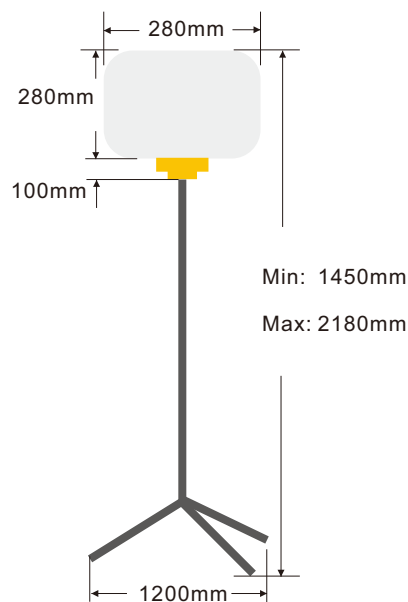
Midi tripod

Installation method	Accessories	Picture
Hook install		
Clamp install		

Notice:

Accessories is optional.

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

-/+180

UNIT:cd
C0/180,289.9deg
C30/210,289.5deg
C60/240,289.3deg
C90/270,289.2deg
AVERAGE BEAM ANGLE(50%):289.5 DEG

MH (m)

1.80	0.3000
1.50	0.2400
1.20	0.1500
0.8900	0.1200
0.5900	0.0890

S (m)
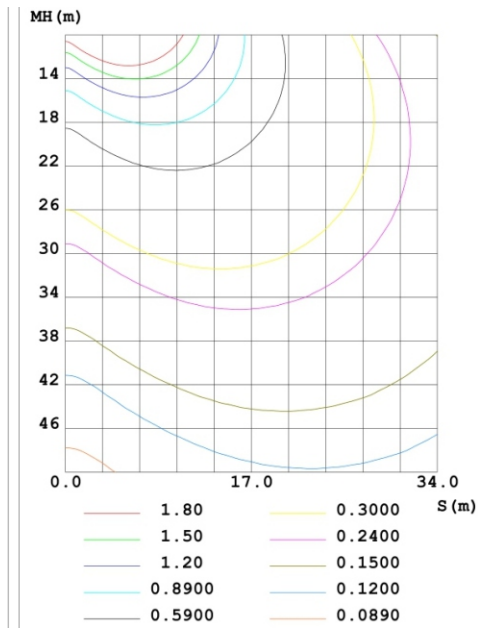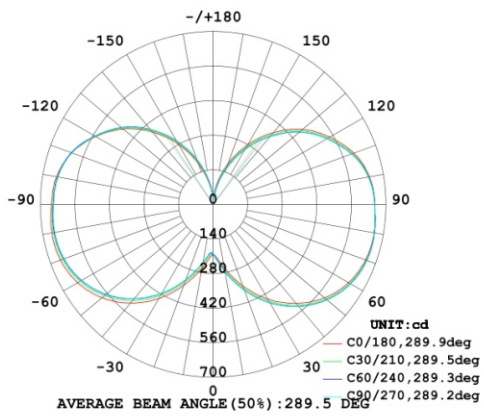
6 ▶ **Application**

1.Construction.	2.Camping	3.Filming
4.Sporting Events	5.Roadworks	6.Infrastructure
7.Photography	8.Renovation	9.Search/Rescue

*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

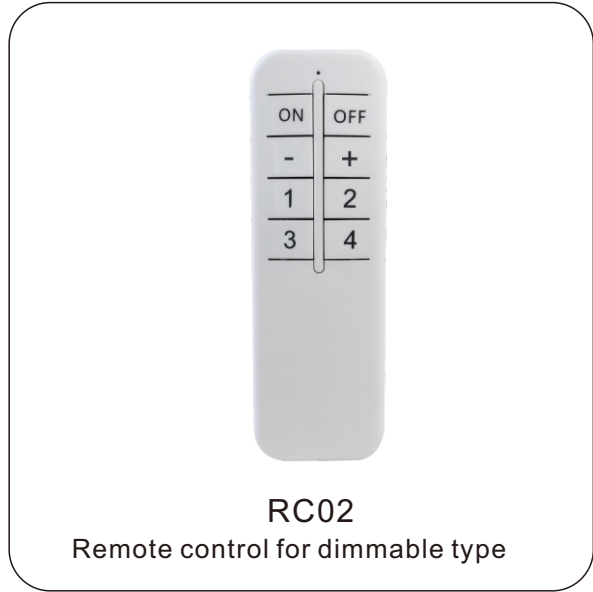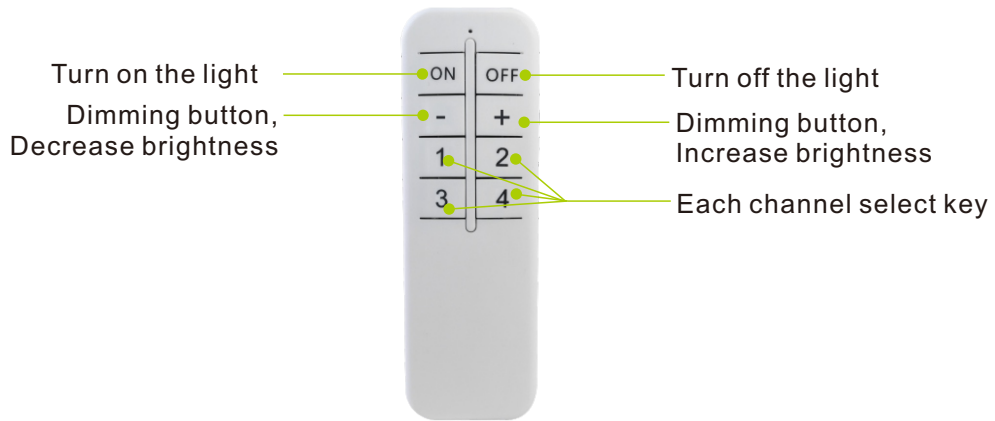| Scene Mode	Detection	Hold-time	Daylight threshold	Stand-by period	Stand-by dimming level
Sc1	100%	30s	2Lux	1min	10%
Sc2	100%	5min	10Lux	10min	10%
Sc3	100%	10min	50Lux	30min	10%
Sc4	100%	30min	Disable	+	10%

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.

Turn on the light
Dimming button,
Decrease brightness

Turn off the light
Dimming button,
Increase brightness
Each channel select key

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.

8 ▷ Packaging information

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