



## LuxBeacon Series

08

High Power LED Flooding/ Spot Lamp

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# LuxBeacon Series



IP65 CE



High Power LED Flooding/Spot Lamp

LuxBeacon Series

**1** LBCXI-I2L , 30 Watt  
CREE XRE inside



Angle:  
8°/18°/25°/45°/90°

**2** LBCXI-6L , 20 Watt  
CREE XRE inside



Angle:  
8°/18°/25°/45°/90°

AC Type :  
100~240V

**3** LBCO3 , 30 Watt  
Epi-star chip inside



Angle: 120°

100V/ 115V/ 230V

LBCXI-I2L-VXXB  
CREE XRE inside

12V or 24V DC Battery

12V or 24V DC regulated

LBCXI-I2L-VXXR  
CREE XRE inside



24 Watt



18 Watt

## Features

- › Waterproof with IP65
- › World leading high efficiency LED inside (>100lm/Watt CREE Xlamp)
- › Reliable thermal solution, constant current driving and short/over-voltage protection
- › High output optical lens matrix and 8°/18°/25°/45°/90°/120° angles available
- › Universal input voltage (90~264VAC) or 12V DC/ 24V DC
- › CE and RoHS certified



High output optical lens matrix



Aluminum housing with waterproof and heat dissipation design

## Applications

Flooding/ spot light for architectural, billboard, mine, street, tunnel, parking lot, garden, wall washing, gas station... etc.



### Specifications

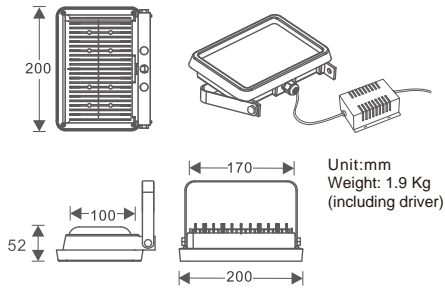
Model	LBCX1-12L		LBCX1-6L		LBC03		
LED	CREE XRE		CREE XRE		Epi-star chip		
Voltage	100~240V AC 12V or 24V DC regulated (R) - constant voltage 12V or 24V DC battery (B) - designed for solar or automotive application				100V AC 115V AC 230V AC		
Viewing Angle	8°/ 18°/ 25°/ 45°/ 90°				120°		
Color (CCT)	<ul style="list-style-type: none"> <li>○ DW (6000~7000K)</li> <li>● WW (2800~3300K)</li> </ul>				<ul style="list-style-type: none"> <li>○ DW (6000~7000K)</li> <li>● NW (3700~4300K)</li> <li>● WW (2800~3300K)</li> </ul>		
# of LED	12-Leds		6-Leds		60-Leds(100V AC) 68-Leds(115V/ 230V)		
Wattage	AC: 30W DC: 24W		AC: 20W DC: 18W		100V AC: 26W 115V/ 230V: 30W		
CRI	DW	WW	DW	WW	DW	NW	WW
	75	80	75	80	70	80	80
* Flux (lm)	1500 lm	1200 lm	1050 lm	840 lm	2000 lm	1700 lm	1450 lm
* Lux@2M	8900 Lux (8°) 2295 Lux (18°) 1530 Lux (25°) 490 Lux (45°) 223 Lux (90°)	6200 Lux (8°) 1520 Lux (18°) 1015 Lux (25°) 340 Lux (45°) 153 Lux (90°)	5873 Lux (8°) 1515 Lux (18°) 1010 Lux (25°) 320 Lux (45°) 147 Lux (90°)	4090 Lux (8°) 1000 Lux (18°) 670 Lux (25°) 224 Lux (45°) 110 Lux (90°)	TBD		
Operating Temp.	-20 ~45°C (IP65)						
Life Time	25,000~40,000 hrs.				15,000~20,000 hrs.		
Warranty	2 years, limited						

### Beacon Part Number Guideline

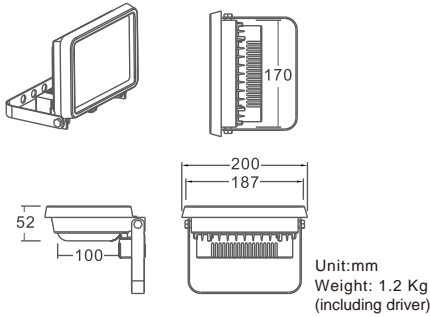
EX: **LBCX1-DW-S08-12L-V12R**  
F1      F2      F3      F4      F5

F1	F2	F3	F4	F5
Model Type	LED Color	Viewing Angle	LED number	Voltage
LBCX1	DW : Day White (6000~7000K)	8°	12L: 12-Leds	VACU: 100~240V
LBC03	NW : Nature White (3700~4300K)	18°	6L: 6-Leds	V12R: 12V regulated
	WW : Warm White (2800~3300K)	25°		V12B: 12V battery
		45°		V24R: 24V regulated
		90°		V24B: 24V battery
		120°		V100
				V115
				V230

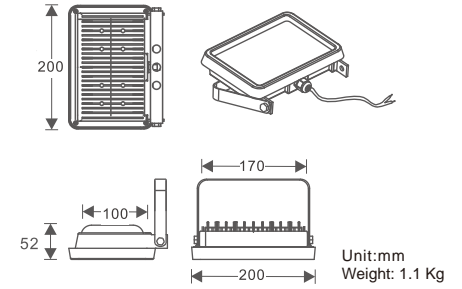
**Dimensions (AC Type)**



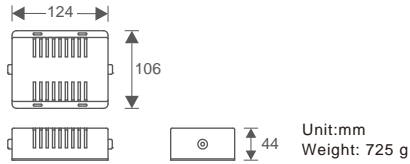
**Dimensions (AC Type)**



**Dimensions (LBC03) (DC Type)**



**Power box**



**Accessories**

\* Only for LBCX1-12L: AC Type

1 Waterproof Cable



**Model No. :** LBC-PLP-L100  
**Description:**  
1 meter extension cable




2 Waterproof Cable






**Model No. :** LBC-PLP-L500  
**Description:**  
5 meter extension cable

### Illumination Chart

#### ■ LBCXI-12L

 LBCXI-12L LBCXI-12L-V12B LBCXI-12L-V12R		8° spot light	18° flood light	25° flood light	45° flood light	90° wide light
Day White (6000~7000K) 	1m	28500 lux	8668 lux	5800 lux	1525 lux	950 lux
	2m	8900 lux	2295 lux	1530 lux	490 lux	223 lux
	3m	4425 lux	1013 lux	700 lux	240 lux	99 lux
	4m	2605 lux	603 lux	400 lux	148 lux	55 lux
	5m	1765 lux	405 lux	270 lux	99 lux	35 lux
	6m	1270 lux	268 lux	180 lux	74 lux	25 lux
Warm White (2800~3300K) 	1m	19800 lux	6005 lux	4000 lux	1070 lux	670 lux
	2m	6200 lux	1520 lux	1015 lux	340 lux	153 lux
	3m	3100 lux	730 lux	485 lux	168 lux	65 lux
	4m	1725 lux	410 lux	275 lux	100 lux	36 lux
	5m	1205 lux	278 lux	185 lux	65 lux	24 lux
	6m	895 lux	180 lux	120 lux	50 lux	17 lux

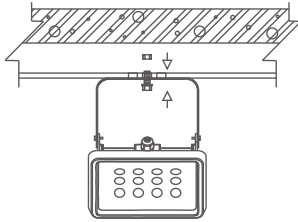
#### ■ LBCXI-6L

 LBCXI-6L LBCXI-6L-V6B LBCXI-6L-V6R		8° spot light	18° flood light	25° flood light	45° flood light	90° wide light
Day White (6000~7000K) 	1m	18810 lux	5750 lux	3815 lux	1006 lux	627 lux
	2m	5873 lux	1515 lux	1010 lux	320 lux	147 lux
	3m	2920 lux	700 lux	470 lux	158 lux	64 lux
	4m	1718 lux	400 lux	265 lux	98 lux	33 lux
	5m	1160 lux	270 lux	180 lux	65 lux	23 lux
	6m	838 lux	180 lux	120 lux	49 lux	16 lux
Warm White (2800~3300K) 	1m	13067 lux	3960 lux	2645 lux	706 lux	442 lux
	2m	4090 lux	1000 lux	670 lux	224 lux	100 lux
	3m	2045 lux	480 lux	320 lux	110 lux	43 lux
	4m	1135 lux	270 lux	180 lux	66 lux	25 lux
	5m	790 lux	185 lux	125 lux	43 lux	15 lux
	6m	590 lux	120 lux	80 lux	33 lux	11 lux

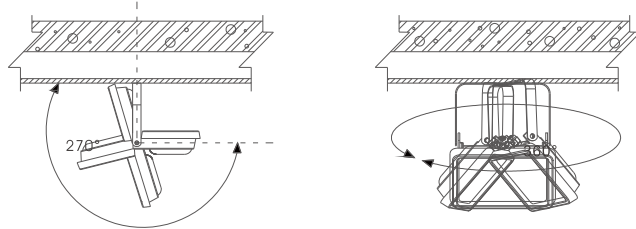
**Installation Guide**

■ **General**

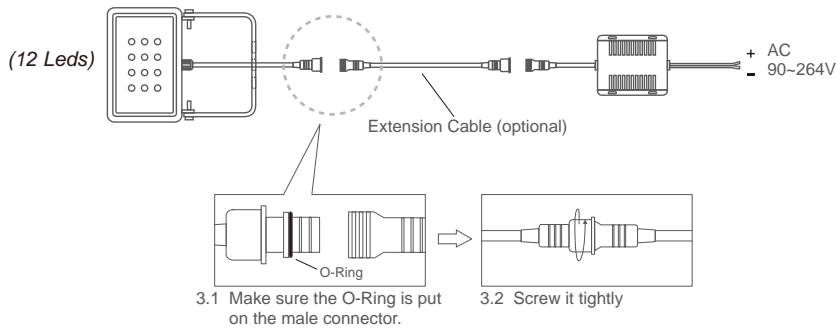
Step 1: Fix the LED lamp with the frame.



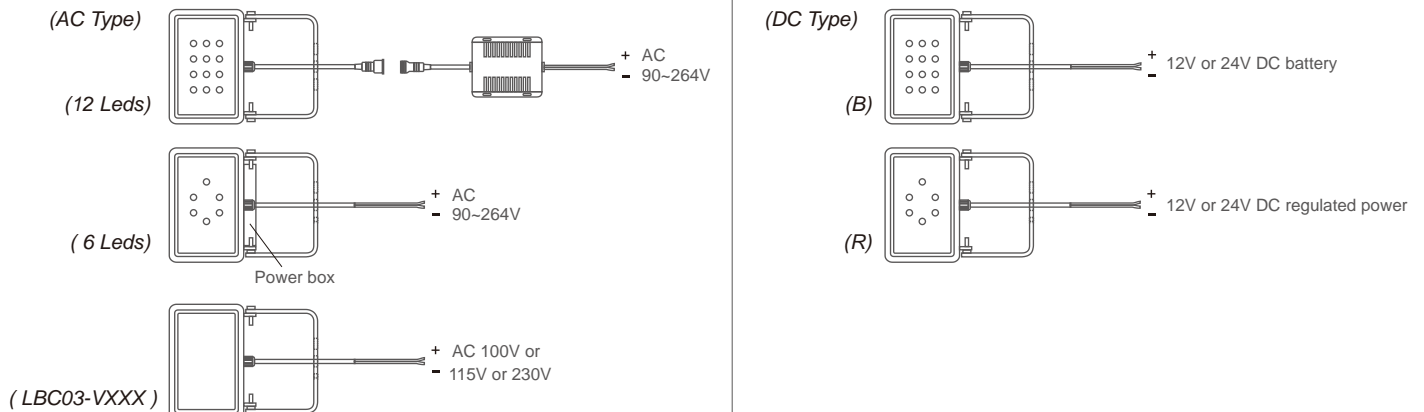
Step 2: Adjust the angle of the LED lamp vertically and horizontally, then fix it by tightening all screws properly



Step 3: Extend the distance between the LED lamp and the power box by the extension cable (if needed)

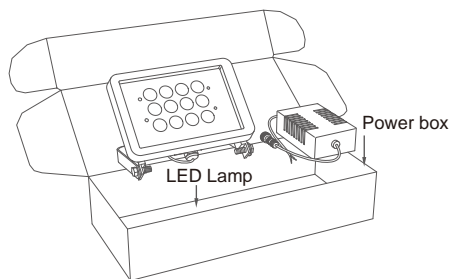


Step 4:

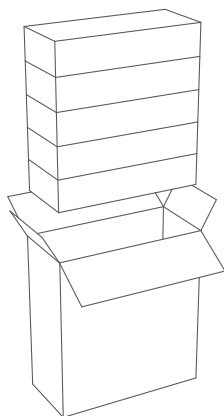


## Package Method

### 30W

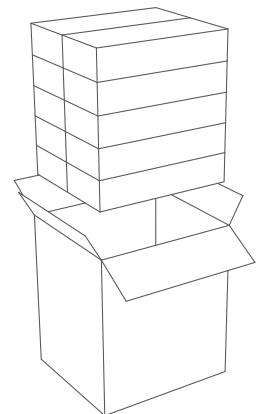


LED Lamp: 1pc }  
Power box: 1pc } Box  
G. Weight: 2.3 Kg  
Dimensions: 432x188x94 mm



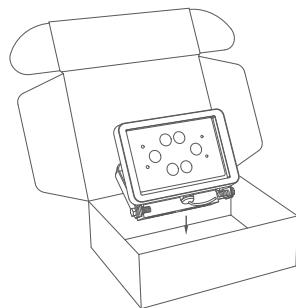
5 Boxes / Carton  
G. Weight: 13.5 Kg  
Dimensions: 454x493x209 mm

or

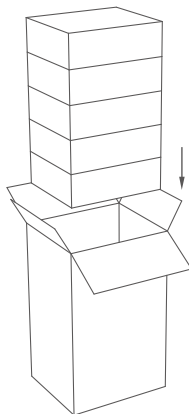


10 Boxes / Carton  
G. Weight: 25 Kg  
Dimensions: 458x405x572 mm

### 20W



1 Pc / Box  
G. Weight: 1.5 Kg  
Dimensions: 300x250x100 mm



5 Boxes / Carton  
G. Weight: 11 Kg  
Dimensions: 530x330x280 mm