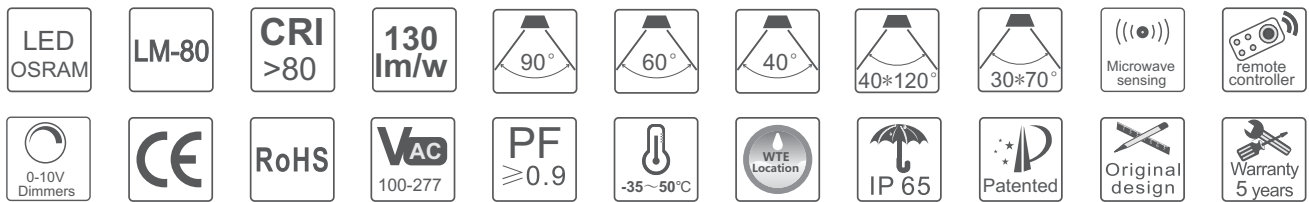




IP65 Linear High Bay

LHBP-100/150/200/300-AW-XXK-ZYYY



Description:

P series linear high bay is designed not only for warehouse, aisle but also for other application which need high bay lighting; With high output LEDs and high transmittance lens, fixture can reach 130LM/W; IP65 level, P series linear high bay is suitable for wet and dry location; 40°, 60°, 90°, 40*120°, 30*70° for different applications; With modular design, can be specified in two modules 100W, three modules 150W, four modules 200W, six modules 300W.

Feature:

1. Adopt waterproof structure design, waterproof level up to IP65;
2. Aluminum profile+PC lens, high impact-resistance;
3. High lighting effect of LEDs up to 130LM/W;
4. CRI ≥80, good color rendering performance;
5. Compact appearance, easy to install and transport;
6. Multiple installation methods for option: Pendant chain installation ; L-shape rotating bracket ceiling or wall installation;
7. Indoor slight corrosion-proof grade; Application environment -35~50°C;
8. 5 years warranty.



Technical parameters:

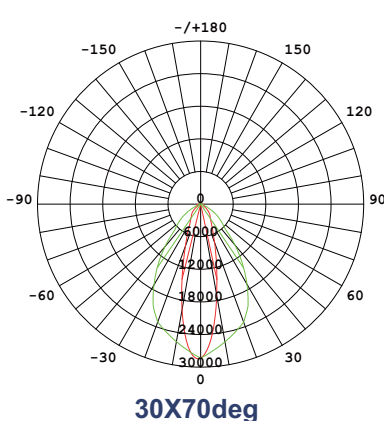
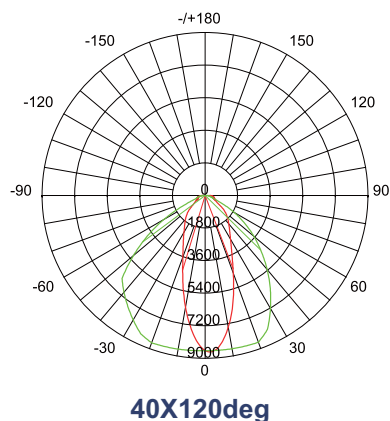
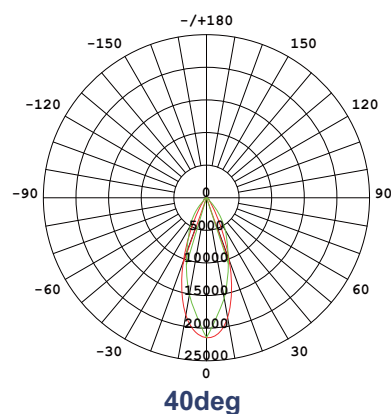
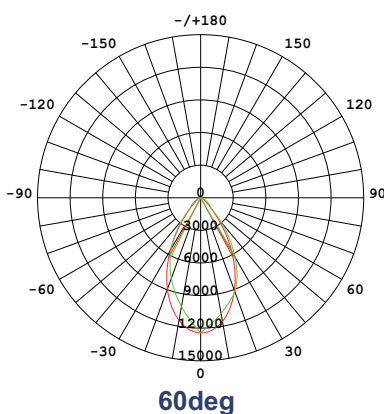
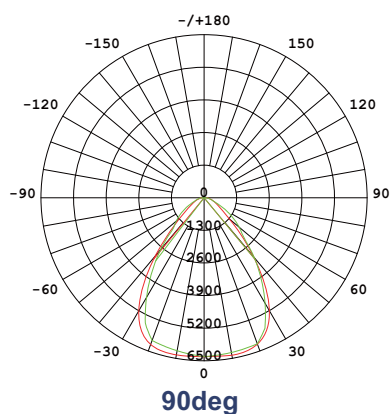
Model	CCT	Lumen(lm) (±10%)	Beam (angle°)	Power (±10%)	Voltage, Frequency	CRI	PF
LHBP-100-AW-60K-YYY/DYYY	5500-6500K	13000	90°	100	AC100-277V 50/60Hz	> 80	≥0.9
LHBP-100-AW-40K-YYY/DYYY	3800-4300K	12600	60°				
LHBP-100-AW-30K-YYY/DYYY	2700-3200K	12000	40° 40*120° 30*70°				
LHBP-150-AW-60K-YYY/DYYY	5500-6500K	19500	90°	150	AC100-277V 50/60Hz	> 80	≥0.9
LHBP-150-AW-40K-YYY/DYYY	3800-4300K	19000	60°				
LHBP-150-AW-30K-YYY/DYYY	2700-3200K	18000	40° 40*120° 30*70°				
LHBP-200-AW-60K-YYY/DYYY	5500-6500K	26000	90°	200	AC100-277V 50/60Hz	> 80	≥0.9
LHBP-200-AW-40K-YYY/DYYY	3800-4300K	25200	60°				
LHBP-200-AW-30K-YYY/DYYY	2700-3200K	24000	40° 40*120° 30*70°				
LHBP-300-AW-60K-YYY/DYYY	5500-6500K	39000	90°	300	AC100-277V 50/60Hz	> 80	≥0.9
LHBP-300-AW-40K-YYY/DYYY	3800-4300K	37800	60°				
LHBP-300-AW-30K-YYY/DYYY	2700-3200K	36000	40° 40*120° 30*70°				

"D" denotes 0-10V Dimmable function; "blank" denotes no dimmable or sensor control; "YYY" maybe 001 TO 999.

" - Not all product variations listed on this page are DLC qualified.

To ensure that a specific model is qualified, visit www.designlights.org/search."

Distribution Diagram:





Accessories

Name	Product number	Package Size	Material	Mnemonic code
L-shape bracket	695-03-0001-045	As the case may be	Q235	LHBP-ZJAZB-ATO
Wire sling(100-200W)	695-06-0028-026	As the case may be	SUS304	LHBP-100-DSAZB-ATO
Wire sling(300W)	695-06-0028-027	As the case may be	SUS304	LHBP-300-DSAZB-ATO
Microwave motion sensor	695-01-0502-735	305*305*350mm/100pcs	SUS304+plastic	LHBP-ANT-5-1
PIR motion sensor	695-01-0502-736	305*305*350mm/100pcs	SUS304+plastic	LHBP-ANT-6-1
Remote controller	695-01-0502-727	400*250*235mm/81pcs	Plastic	CBS-MSY-002

Accessories series



L-shape bracket
(optional)



Wire sling
(optional)



Microwave motion sensor
(For dimming series only)



PIR motion sensor
(For dimming series only)



Remote controller
(For dimming series only)

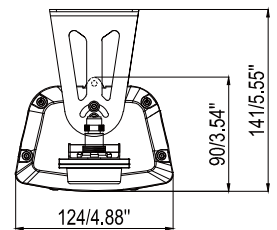
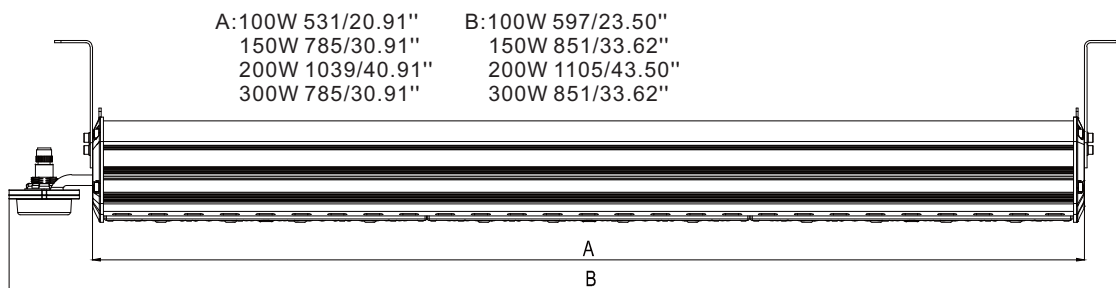
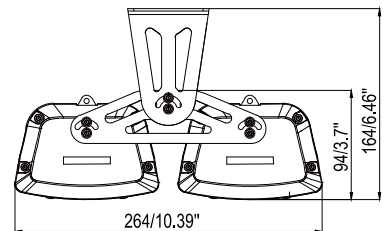
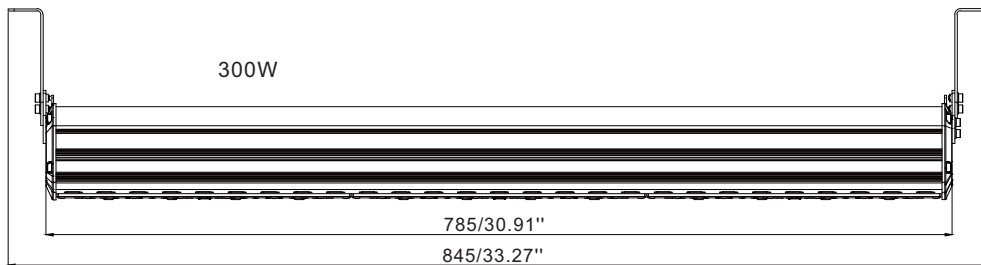
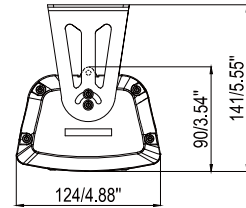
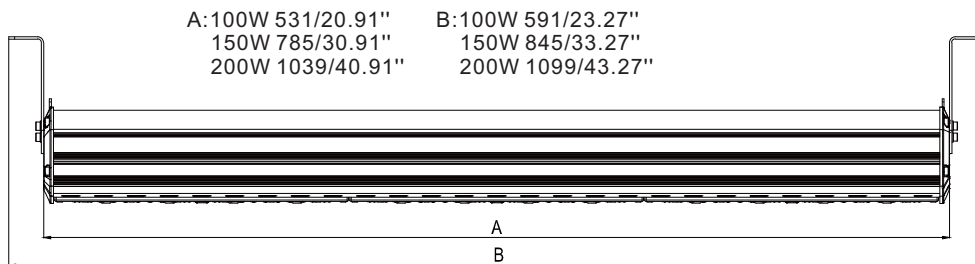
Application:

Suitable for large workshop, airport, warehouse, parking lot, basement, gymnasium ect.





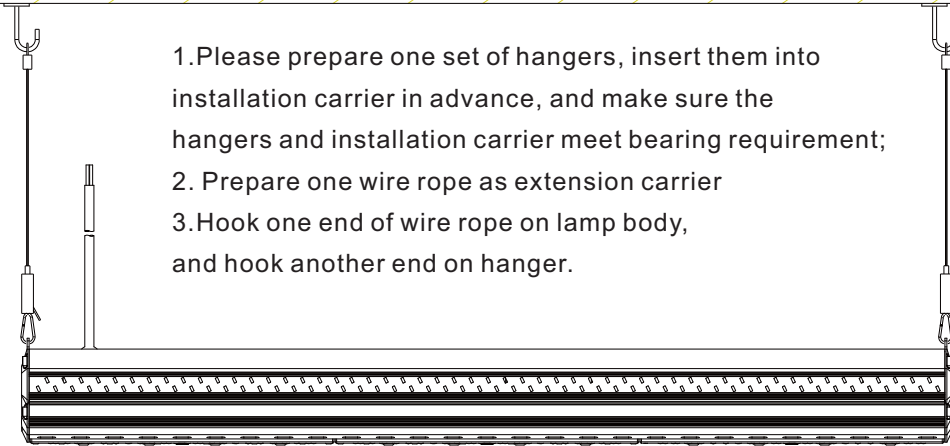
Dimension(Unit:mm/inch):



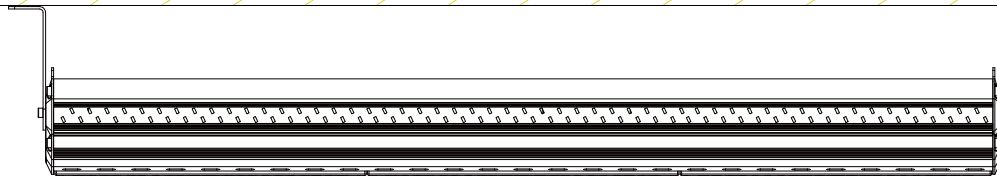


Installation :

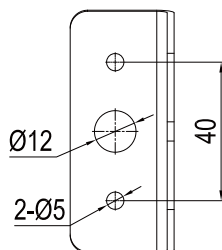
Pendant chain installation (optional)



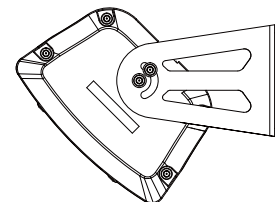
L-shape rotating bracket ceiling or wall installation(optional)



Recommend drilling hole dimension



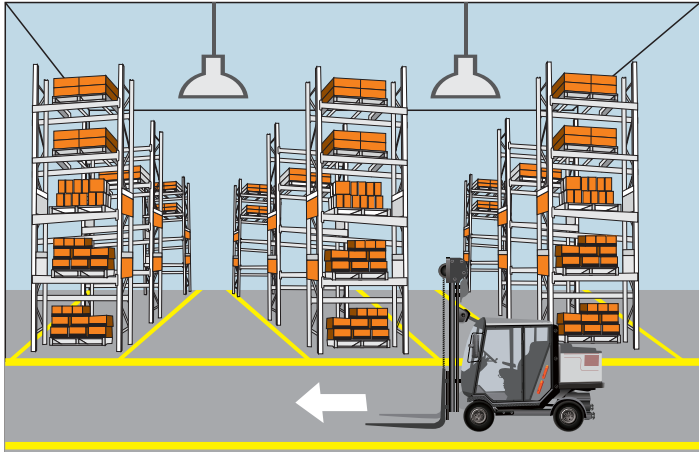
1. Prepare two sets of installation bolt, and drill holes with in advance, and ensure the installation body conform to bearing requirement;
2. Screw installation bolt into installation hole of lamp installation bracket, and tightening it;
3. Slightly loose fixing screws of bracket, and rotate lamp body to suitable installation angle;
4. Tightening bracket screws, at the same time tightening auxiliary anti-skid screw.



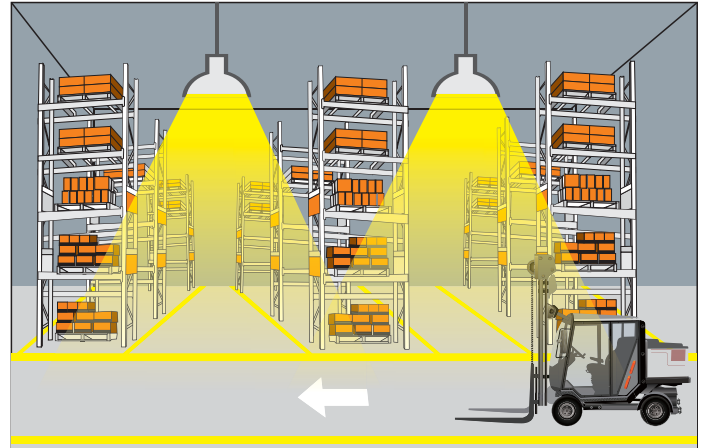


Motion-sensing Function

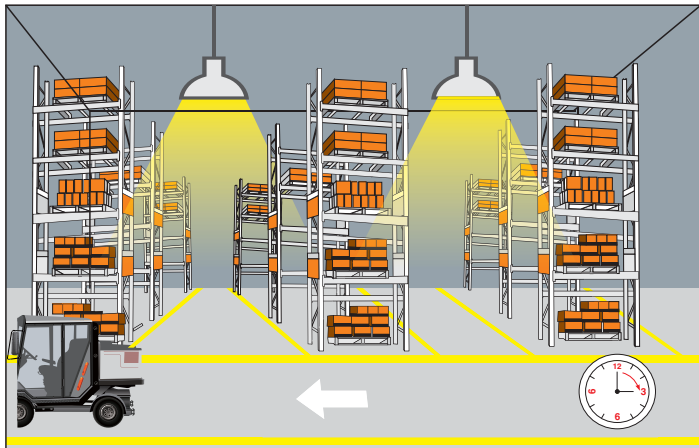
The IP65 Linear high bay Lighting with sensor is innovative and active motion detectors with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials. except the higher mounting height 15m Max. Combination with 1-10V dimmable LED drivers , Cibay high bay Lighting with sensor can achieve 3-step dimming function, which is perfect for use in some areas that requires a light change notice before totally switch off. When enable the built-in adjustable daylight sensor, it can read brightness value, the sensor do not switch on the light if with sufficient natural light.



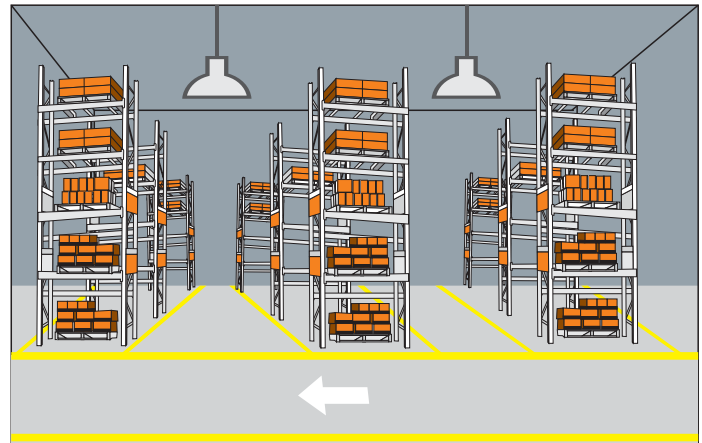
With sufficient ambient light, the sensor does not switch on the lamp.



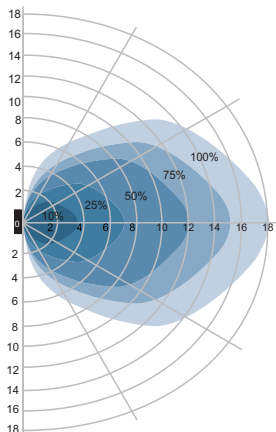
With insufficient ambient light, the sensor switch on the lamp when motion is detected.



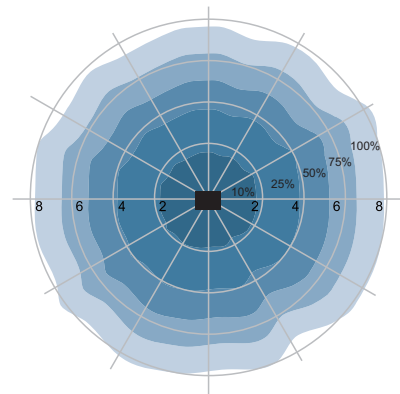
After hold time, the sensor dims the lamp at a low light level if no new motion trigger.



After stand-by period, the sensor switches off the lamp if no motion is detected in its detection zone.



Wall mounting pattern (Unit: m)
Suggested installation height: 1-2m



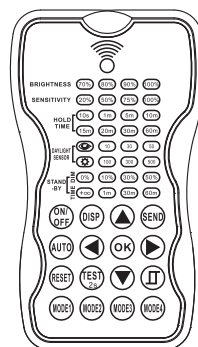
Ceiling mounting pattern (Unit: m)
Suggested installation height: 3-15m

Remote controller

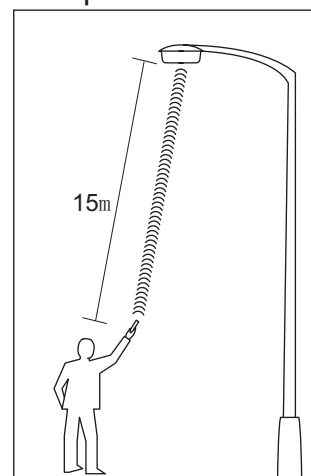
Above functions are defaults of our products, if product functions and parameters need to be revised, the remote controller RC-100 need to be purchased, and the remote controller need to be bought separately.

SPECIFICATIONS

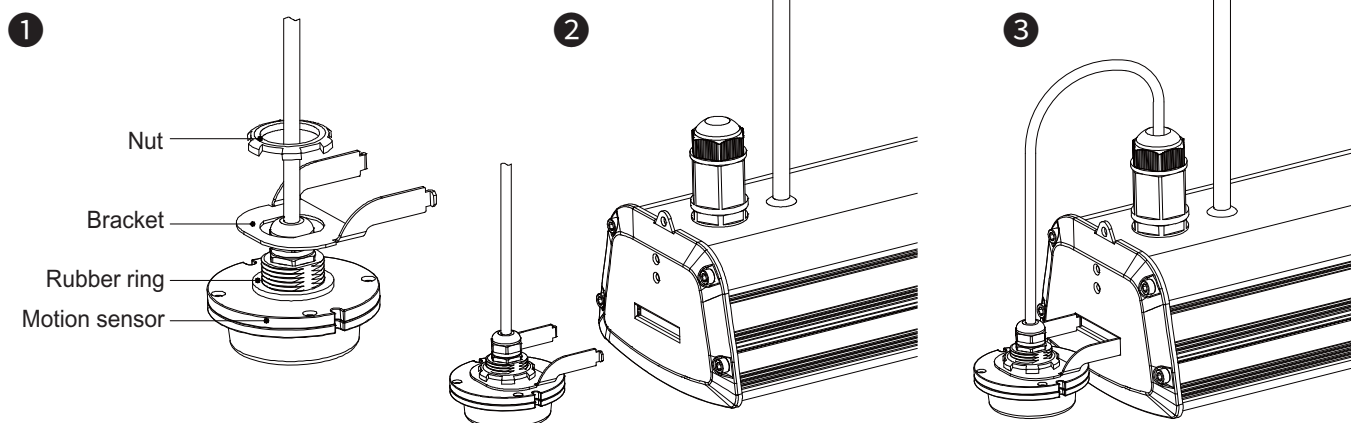
Power supply	2 x AAA 1.5V battery, Alkaline preferred
Carrying case	RC-100 in carrying case
Communication	940 nm Infrared Tx & Rx
Upload range	Up to 15 m (50 ft.)
Op. temperature	0°C~50°C (32°F~122°F)
Dimensions	123 x 70 x 20.3 mm (4.84" x 2.76" x 0.8")



RC-100

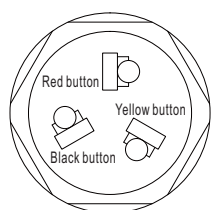


Motion sensor installation:



1. Fix the bracket to the sensor according to drawing picture above.
2. Fix The sensor to the cover as shown above.
3. Please connect the sensor to the lamp terminal according to the wiring diagram .

0-10V dimming and Motion sensor wiring:



0-10V Dimming
 Red button — DIM+
 Yellow button — DIM-

Motion sensor
 Red button — PURPLE
 Yellow button — GRAY
 Black button — BLACK

! Do not connect to high voltage



Package information:

Model	Power	Net weight	box dimension	Pack Quantity	match with suspendent chain	match with L-shape bracket
LHBP-XXX- AW-XXK-YYY /DYYY	100W	2.50Kg	605*360*300mm	4pcs	11.00Kg	11.50Kg
	150W	3.50Kg	855*360*300mm	4pcs	15.00Kg	15.50Kg
	200W	4.10Kg	1110*360*300mm	4pcs	17.50Kg	18.00Kg
	300W	7.00Kg	865*330*310mm	2pcs	15.00Kg	15.50Kg

Installation requirements:

- 1.Power off before installation, and read the instruction carefully;
- 2.Make sure the installation material can endure the lamp weight;
- 3.If choose L-shape rotating bracket installation method, please prepare two sets of expansion bolts, and drill holes in the installation body, then install the lamp, finally screw down expansion bolts and bracket screws.
- 4.If choose suspendent installation, Please prepare one set of hangers, insert them into installation carrier in advance, and make sure the hangers and installation carrier meet bearing requirement;
5. Connect lamp wire to matched power wire, and seal the joint with insulation.
- 6.No matter which kind of installation method, the lamp must be installed reliably to prevent loosening and falling off.

Notice:

- 1.Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;
- 2.Please confirm the input voltage, frequency before use;
- 3.This product must be installed by professionals;
4. If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use it;
- 5.Dangerous hgh voltage, non-professionals are not allowed to maintain the product;
- 6.If external soft cable or soft wire of the light is damaged, it should be replaced by manufacturer or service agent or personnel with similar qualification to avoid danger;
- 7.This lamp cannot be used outdoors.