

Linear High Bay

LHB2F-060/100/120/150/180-AW-XXK-YY

LHB4F-100/150/200/250/300-AW-XXK-YY



Technical parameters :

Model	CCT	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power(w) (±10%)	Max. current (A)	CRI	PF
LHB2F-060-AW-50K-D01	5000K	8400	120°	SMD2835	AC100-277V 50/60Hz	60W	0.7A	>80	>0.9
LHB2F-060-AW-40K-D01	4000K	8160							
LHB2F-060-AW-35K-D01	3500K	8040							
LHB2F-060-AW-30K-D01	3000K	8040							
LHB2F-060-AW-50K-D02	5000K	8050							
LHB2F-060-AW-40K-D02	4000K	7800							
LHB2F-060-AW-35K-D02	3500K	7680							
LHB2F-060-AW-30K-D02	3000K	7680							
LHB2F-100-AW-50K-D01	5000K	14400	120°	SMD2835	AC100-277V 50/60Hz	100W	1.2A	>80	>0.9
LHB2F-100-AW-40K-D01	4000K	14000							
LHB2F-100-AW-35K-D01	3500K	13600							
LHB2F-100-AW-30K-D01	3000K	13600							
LHB2F-100-AW-50K-D02	5000K	13750							
LHB2F-100-AW-40K-D02	4000K	13400							
LHB2F-100-AW-35K-D02	3500K	13000							
LHB2F-100-AW-30K-D02	3000K	13000							
LHB2F-120-AW-50K-D01	5000K	16800	120°	SMD2835	AC100-277V 50/60Hz	120W	1.4A	>80	>0.9
LHB2F-120-AW-40K-D01	4000K	16320							
LHB2F-120-AW-35K-D01	3500K	16080							
LHB2F-120-AW-30K-D01	3000K	16080							
LHB2F-120-AW-50K-D02	5000K	16100							
LHB2F-120-AW-40K-D02	4000K	15600							
LHB2F-120-AW-35K-D02	3500K	15360							
LHB2F-120-AW-30K-D02	3000K	15360							
LHB2F-150-AW-50K-D01	5000K	21150	120°	SMD2835	AC100-277V 50/60Hz	150W	1.8A	>80	>0.9
LHB2F-150-AW-40K-D01	4000K	20550							
LHB2F-150-AW-35K-D01	3500K	20250							
LHB2F-150-AW-30K-D01	3000K	20250							
LHB2F-150-AW-50K-D02	5000K	20300							
LHB2F-150-AW-40K-D02	4000K	19650							
LHB2F-150-AW-35K-D02	3500K	19350							
LHB2F-150-AW-30K-D02	3000K	19350							
LHB2F-180-AW-50K-D01	5000K	25020	120°	SMD2835	AC100-277V 50/60Hz	180W	2.1A	>80	>0.9
LHB2F-180-AW-40K-D01	4000K	24480							
LHB2F-180-AW-35K-D01	3500K	23940							
LHB2F-180-AW-30K-D01	3000K	23940							
LHB2F-180-AW-50K-D02	5000K	23960							
LHB2F-180-AW-40K-D02	4000K	23400							
LHB2F-180-AW-35K-D02	3500K	22860							
LHB2F-180-AW-30K-D02	3000K	22860							

Technical parameters :

Model	CCT	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power (w) (±10%)	Max. current (A)	CRI	PF
LHB4F-100-AW-50K-D01	5000K	14600	120°	SMD2835	AC100-277V 50/60Hz	100W	1.2A	>80	>0.9
LHB4F-100-AW-40K-D01	4000K	14200							
LHB4F-100-AW-35K-D01	3500K	13800							
LHB4F-100-AW-30K-D01	3000K	13800							
LHB4F-100-AW-50K-D02	5000K	13970							
LHB4F-100-AW-40K-D02	4000K	13600							
LHB4F-100-AW-35K-D02	3500K	13200							
LHB4F-100-AW-30K-D02	3000K	13200							
LHB4F-150-AW-50K-D01	5000K	20850	120°	SMD2835	AC100-277V 50/60Hz	150W	1.8A	>80	>0.9
LHB4F-150-AW-40K-D01	4000K	20550							
LHB4F-150-AW-35K-D01	3500K	20100							
LHB4F-150-AW-30K-D01	3000K	20100							
LHB4F-150-AW-50K-D02	5000K	19970							
LHB4F-150-AW-40K-D02	4000K	19650							
LHB4F-150-AW-35K-D02	3500K	19200							
LHB4F-150-AW-30K-D02	3000K	19200							
LHB4F-200-AW-50K-D01	5000K	29600	120°	SMD2835	AC100-277V 50/60Hz	200W	2.3A	>80	>0.9
LHB4F-200-AW-40K-D01	4000K	28800							
LHB4F-200-AW-35K-D01	3500K	28000							
LHB4F-200-AW-30K-D01	3000K	28000							
LHB4F-200-AW-50K-D02	5000K	28380							
LHB4F-200-AW-40K-D02	4000K	27600							
LHB4F-200-AW-35K-D02	3500K	26800							
LHB4F-200-AW-30K-D02	3000K	26800							
LHB4F-250-AW-50K-D01	5000K	36000	120°	SMD2835	AC100-277V 50/60Hz	250W	2.8A	>80	>0.9
LHB4F-250-AW-40K-D01	4000K	35000							
LHB4F-250-AW-35K-D01	3500K	34000							
LHB4F-250-AW-30K-D01	3000K	34000							
LHB4F-250-AW-50K-D02	5000K	34380							
LHB4F-250-AW-40K-D02	4000K	33500							
LHB4F-250-AW-35K-D02	3500K	32500							
LHB4F-250-AW-30K-D02	3000K	32500							
LHB4F-300-AW-50K-D01	5000K	43800	120°	SMD2835	AC100-277V 50/60Hz	300W	3.5A	>80	>0.9
LHB4F-300-AW-40K-D01	4000K	43200							
LHB4F-300-AW-35K-D01	3500K	42000							
LHB4F-300-AW-30K-D01	3000K	42000							
LHB4F-300-AW-50K-D02	5000K	41910							
LHB4F-300-AW-40K-D02	4000K	41400							
LHB4F-300-AW-35K-D02	3500K	40200							
LHB4F-300-AW-30K-D02	3000K	40200							

2F=2FEET 4F=4FEET

01=transparent cover

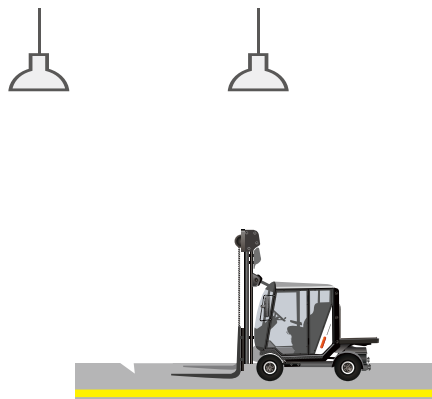
02=milky cover

Features of Linear high bay light with motion sensor

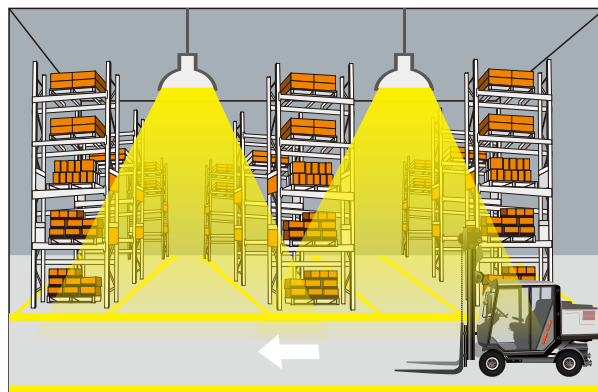
The linear high bay light with motion sensor which utilizes Doppler shift phenomenon to sense motion, Using the most popular 5.8GHz ISM band with high reliability, it won't be affected by noise, temperature, humidity. The detection signal can penetrate plastic, glass, wood panel and other thin non-metallic objects.

If enable Light Sensor of internally integrated, the light can only be switch on with insufficient ambient light.

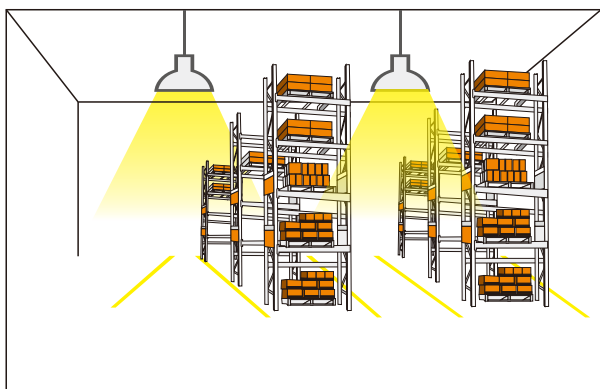
The application function is set via remote controller, simple and convenient.



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



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

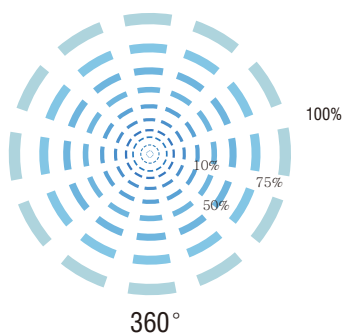


After hold time, the lamp dims to a low light level if no new motion trigger.

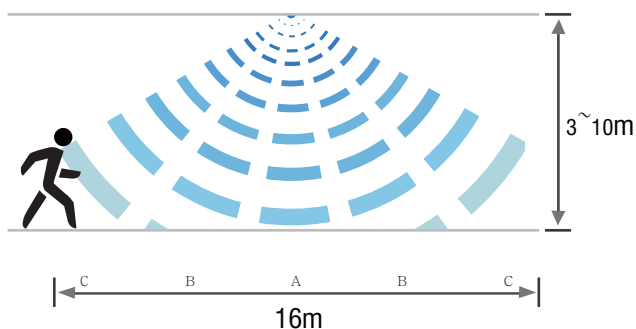
After stand-by period, the lamp switches off if no motion is detected in its detection zone.

Detection coverage

Top View

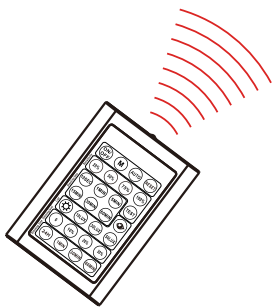


Side View



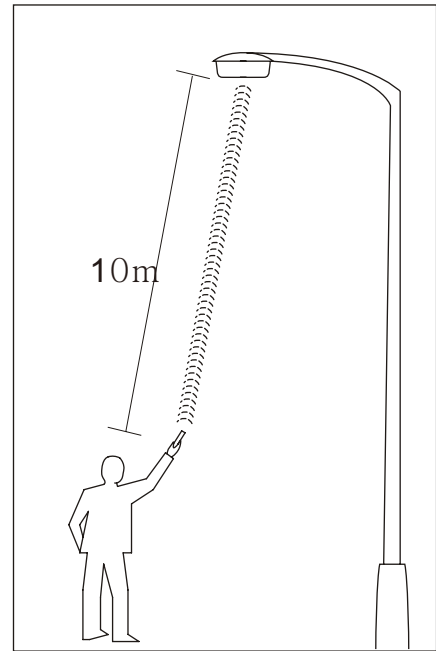
Brief introduction of remote controller

all control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.



④ TECHNICAL DATA

- RC-101 With M Button
2 x 3AAA 1.5 Volt
depending on lighting conditions
- clouded or dark :
20 to 25m
sunshine :
10 to 15m
- L 100 x W 70 x H 16 mm



<p>Remote controller Model: RC-101</p>		Press the on/off button, the light goes to permanent or permanent off mode, sensor is disabled.		This button test 2s is for testing purpose only, the sensor goes to test mode (hold time 2s) automatically after commissioning, meanwhile the stand-by period and daylight sensor are disabled.
		Memory the parameters		
		Press auto mode button, the sensor starts to work and all settings remain the same as the latest status before the light was switched on/off.		One touch button, the default is
		Sensitivity		Hold-time
		Press this button, the latest surrounding lux value overwrites previous lux value learned, and is set as the daylight threshold. This feature enables the fixture to function well in any real application circumstance.		Press the buttons of the daylight sensor to set daylight threshold at 10lux/30lux/50lux/☀️ (for daylight sensor disabled).
		Stand-by dimming level		Stand-by period (note: 24H is never off)

NOTE!

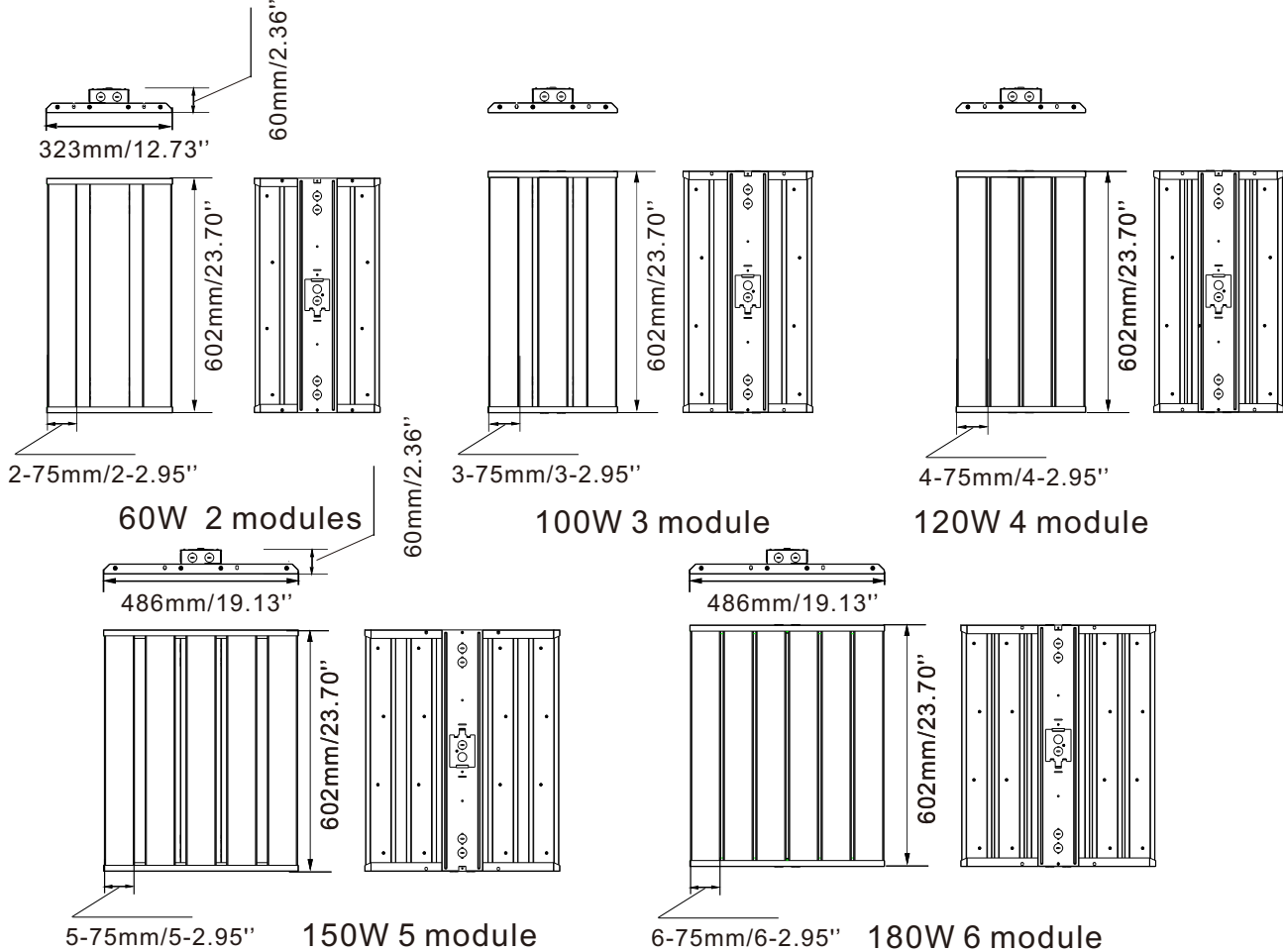
The linear high bay light with motion sensor exclude remote controller, so the remote controller need to be bought separately.

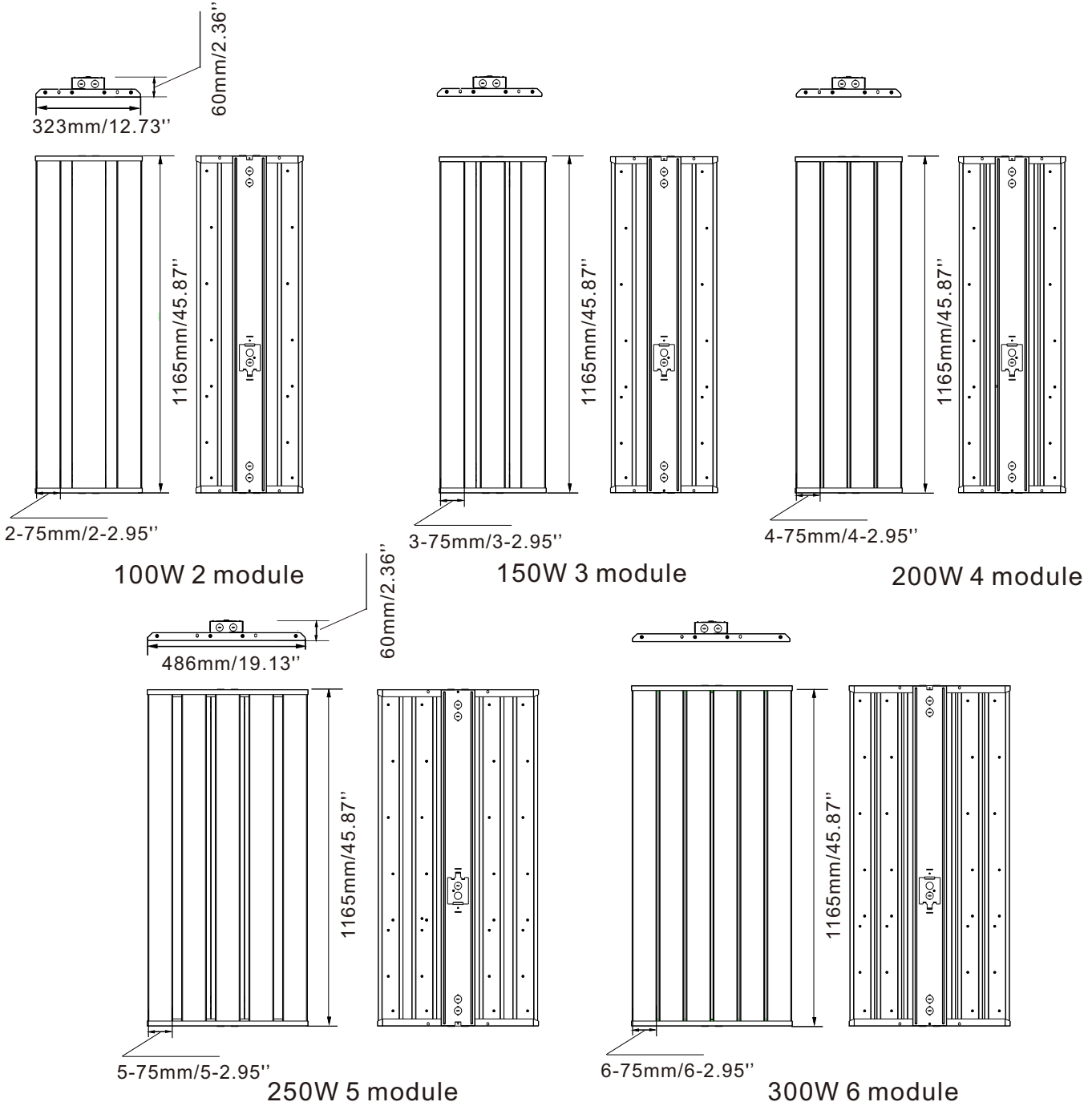
Application:

Supermarket, warehouse, distribution/logistic center, chain store, gymnasium, factory.

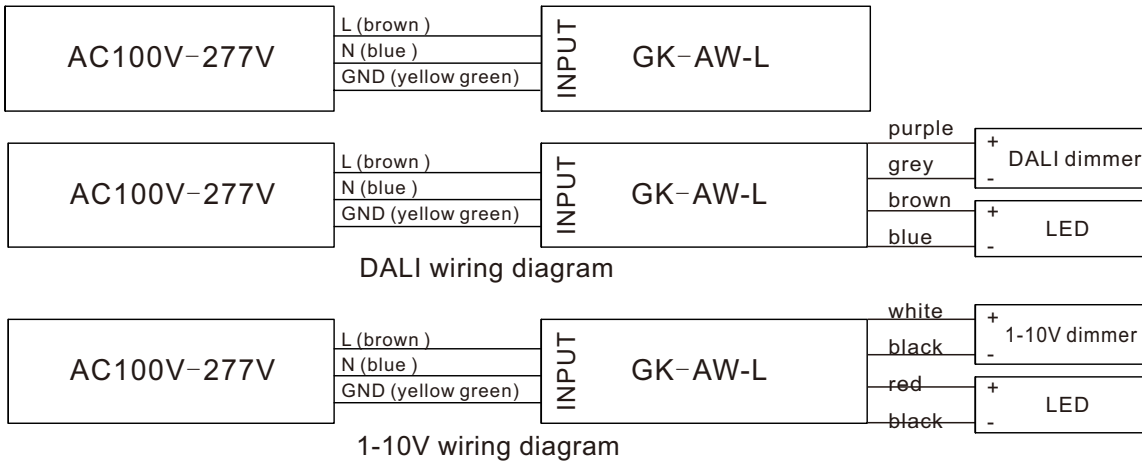


Dimension(mm):

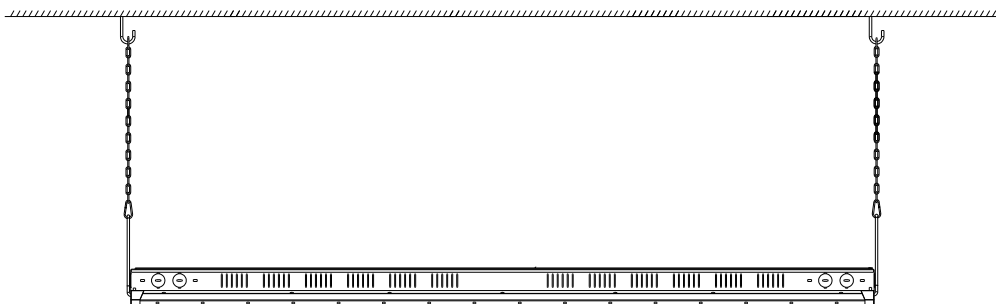
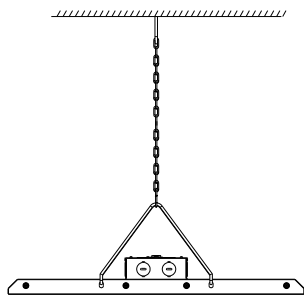




Connection diagram:



Installation :



1225/48.23"
610/24.02"

distance between
installation holes

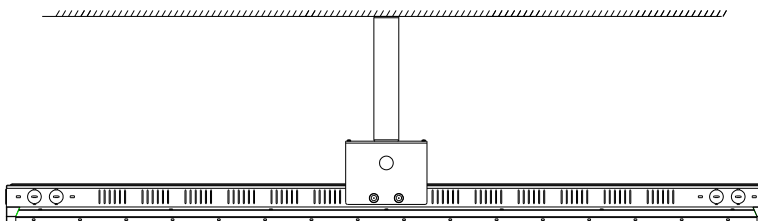
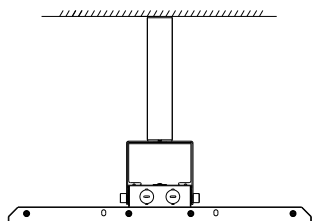
1. Prepare a set of suspension hardware, and embedded into the installation carrier, and ensure the hardware and installation carrier meet bearing requirements;

2. Hang the stainless steel chain on the suspension hardware;

3. Hang the tripod on the lampbody.

4. Hang the hook of stainless steel chain on the tripod.

suspension chain installation(optional)



1. Prepare a set of pole mounting hardware, and embedded into the installation carrier, and ensure the hardware and installation carrier meet bearing requirements;

2. Connect wire of pole mounting into power pack, and fixing pole and pole mounting hardware, finally fasten pole mounting hardware 4-M8.

pole mounting (optional)

Packing information:

Power	Product dimension	Packing dimension	Net weight	Gross weight	Optional suspension chain bracket	Optional pole mounting bracket
60W	602X323X60mm (2 modules)	675*395*135mm (1PCS/carton)	3.00Kg	4.00Kg	0.30Kg	0.50Kg
100W	602X323X60mm (3modules)	675*395*135mm (1PCS/carton)	3.80Kg	4.80Kg		
120W	602X323X60mm (4modules)	675*395*135mm (1PCS/carton)	4.10Kg	5.10Kg		
150W	602X486X60mm (5modules)	675*560*135mm (1PCS/carton)	5.10Kg	6.30Kg		
180W	602X486X60mm (6modules)	675*560*135mm (1PCS/carton)	5.60Kg	6.80Kg		
100W	1219X323X60mm (2modules)	1295*395*135mm (1PCS/carton)	5.10Kg	6.60Kg		
150W	1219X323X60mm (3modules)	1295*395*135mm (1PCS/carton)	6.10Kg	7.60Kg		
200W	1219X323X60mm (4modules)	1295*395*135mm (1PCS/carton)	7.10Kg	8.60Kg		
250W	1219X486X60mm (5modules)	1295*560*135mm (1PCS/carton)	8.10Kg	10.70Kg		
300W	1219X486X60mm (6modules)	1295*560*135mm (1PCS/carton)	9.10Kg	11.70Kg		

Installation requirements:

1. Power off before installation;
2. Make sure the installation material can endure the lamp weight, and fasten installation bracket on the installation material surface securely via bolts, then fasten the light on the hook of installation bracket via bolts;
3. Connect light wire on the matching power wire, and seal the joint with insulation;
4. If you choose suspension installation, please first fix the suspension chain of light on the installation surface, then fasten the light body with hook of suspension chain via tripod.

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 high 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. Corrosivity in the using environment can't exceed the anti-corrosion grade regulation, if you have special requirement, please first consult with our company.