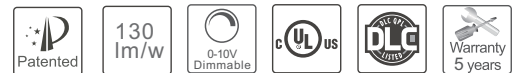




Linear High Bay

LH2F-060/100/120/150/180-AW-XXK-YY

LH4F-100/150/200/250/300-AW-XXK-YY



Description :

The linear high bay light adopt modular design, so it can be combined flexibly to provide different power to choose, 2FEET: two modules 60W, three modules 100W, four modules 120W, five modules 150W, six modules 180W; 4FEET: two modules 100W, three modules 150W, four modules 200W, five modules 250W, six modules 300W; modular design, cooling performance is improved by more than 30%. Photoelectric separation design, greatly reduced temperature of LEDs and driver and prolong the lifetime of light to 60,000 hours. 140LM/W lighting effect, can save energy over 70%. 0-10V dimming type, microwave sensor type, emergency type, 347V-480V high voltage type available for customer to choose.

Features:

- 1.2-6 modules,flexible combination, suitable for various applications;
- 2.Low glare, <25;
- 3.Suspendent installation and pole mounting optional;
- 4.Milky and transparent cover optional;
- 5.5 years warranty;
- 6.Operating environment temperature:-20 °C- 45°C;
- 7.Corrosion-proof grade:no protection.



Technical parameters :

Model	CCT	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power(w) (±10%)	Max. current (A)	CRI	PF
LH2F-060-AW-50K-D01	5000K	8000	120°	SMD2835	AC100-277V 50/60Hz	60W	0.7A	>80	>0.9
LH2F-060-AW-40K-D01	4000K	7750							
LH2F-060-AW-35K-D01	3500K	7450							
LH2F-060-AW-30K-D01	3000K	7450							
LH2F-060-AW-50K-D02	5000K	7560							
LH2F-060-AW-40K-D02	4000K	7300							
LH2F-060-AW-35K-D02	3500K	6930							
LH2F-060-AW-30K-D02	3000K	6930							
LH2F-100-AW-50K-D01	5000K	13340	120°	SMD2835	AC100-277V 50/60Hz	100W	1.2A	>80	>0.9
LH2F-100-AW-40K-D01	4000K	12920							
LH2F-100-AW-35K-D01	3500K	12390							
LH2F-100-AW-30K-D01	3000K	12390							
LH2F-100-AW-50K-D02	5000K	12600							
LH2F-100-AW-40K-D02	4000K	12180							
LH2F-100-AW-35K-D02	3500K	11550							
LH2F-100-AW-30K-D02	3000K	11550							
LH2F-120-AW-50K-D01	5000K	16000	120°	SMD2835	AC100-277V 50/60Hz	120W	1.4A	>80	>0.9
LH2F-120-AW-40K-D01	4000K	15500							
LH2F-120-AW-35K-D01	3500K	14870							
LH2F-120-AW-30K-D01	3000K	14870							
LH2F-120-AW-50K-D02	5000K	15120							
LH2F-120-AW-40K-D02	4000K	14620							
LH2F-120-AW-35K-D02	3500K	13860							
LH2F-120-AW-30K-D02	3000K	13860							
LH2F-150-AW-50K-D01	5000K	20000	120°	SMD2835	AC100-277V 50/60Hz	150W	1.8A	>80	>0.9
LH2F-150-AW-40K-D01	4000K	19370							
LH2F-150-AW-35K-D01	3500K	18580							
LH2F-150-AW-30K-D01	3000K	18580							
LH2F-150-AW-50K-D02	5000K	18900							
LH2F-150-AW-40K-D02	4000K	18270							
LH2F-150-AW-35K-D02	3500K	17320							
LH2F-150-AW-30K-D02	3000K	17320							
LH2F-180-AW-50K-D01	5000K	24000	120°	SMD2835	AC100-277V 50/60Hz	180W	2.1A	>80	>0.9
LH2F-180-AW-40K-D01	4000K	23250							
LH2F-180-AW-35K-D01	3500K	22300							
LH2F-180-AW-30K-D01	3000K	22300							
LH2F-180-AW-50K-D02	5000K	22680							
LH2F-180-AW-40K-D02	4000K	21930							
LH2F-180-AW-35K-D02	3500K	20800							
LH2F-180-AW-30K-D02	3000K	20800							



Technical parameters :

Model	CCT	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power (w) (±10%)	Max. current (A)	CRI	PF
LH4F-100-AW-50K-D01	5000K	13340	120°	SMD2835	AC100-277V 50/60Hz	100W	1.2A	>80	>0.9
LH4F-100-AW-40K-D01	4000K	12920							
LH4F-100-AW-35K-D01	3500K	12400							
LH4F-100-AW-30K-D01	3000K	12400							
LH4F-100-AW-50K-D02	5000K	12600							
LH4F-100-AW-40K-D02	4000K	12180							
LH4F-100-AW-35K-D02	3500K	11550							
LH4F-100-AW-30K-D02	3000K	11550							
LH4F-150-AW-50K-D01	5000K	20000	120°	SMD2835	AC100-277V 50/60Hz	150W	1.8A	>80	>0.9
LH4F-150-AW-40K-D01	4000K	19370							
LH4F-150-AW-35K-D01	3500K	18590							
LH4F-150-AW-30K-D01	3000K	18590							
LH4F-150-AW-50K-D02	5000K	18900							
LH4F-150-AW-40K-D02	4000K	18270							
LH4F-150-AW-35K-D02	3500K	17320							
LH4F-150-AW-30K-D02	3000K	17320							
LH4F-200-AW-50K-D01	5000K	26670	120°	SMD2835	AC100-277V 50/60Hz	200W	2.3A	>80	>0.9
LH4F-200-AW-40K-D01	4000K	25830							
LH4F-200-AW-35K-D01	3500K	24780							
LH4F-200-AW-30K-D01	3000K	24780							
LH4F-200-AW-50K-D02	5000K	25200							
LH4F-200-AW-40K-D02	4000K	24360							
LH4F-200-AW-35K-D02	3500K	23100							
LH4F-200-AW-30K-D02	3000K	23100							
LH4F-250-AW-50K-D01	5000K	33340	120°	SMD2835	AC100-277V 50/60Hz	250W	2.8A	>80	>0.9
LH4F-250-AW-40K-D01	4000K	32300							
LH4F-250-AW-35K-D01	3500K	30980							
LH4F-250-AW-30K-D01	3000K	30980							
LH4F-250-AW-50K-D02	5000K	31500							
LH4F-250-AW-40K-D02	4000K	30450							
LH4F-250-AW-35K-D02	3500K	28880							
LH4F-250-AW-30K-D02	3000K	28880							
LH4F-300-AW-50K-D01	5000K	40000	120°	SMD2835	AC100-277V 50/60Hz	300W	3.5A	>80	>0.9
LH4F-300-AW-40K-D01	4000K	38750							
LH4F-300-AW-35K-D01	3500K	37170							
LH4F-300-AW-30K-D01	3000K	37170							
LH4F-300-AW-50K-D02	5000K	37800							
LH4F-300-AW-40K-D02	4000K	36540							
LH4F-300-AW-35K-D02	3500K	34650							
LH4F-300-AW-30K-D02	3000K	34650							

2F=2FEET 4F=4FEET

01=transparent cover

02=milky cover

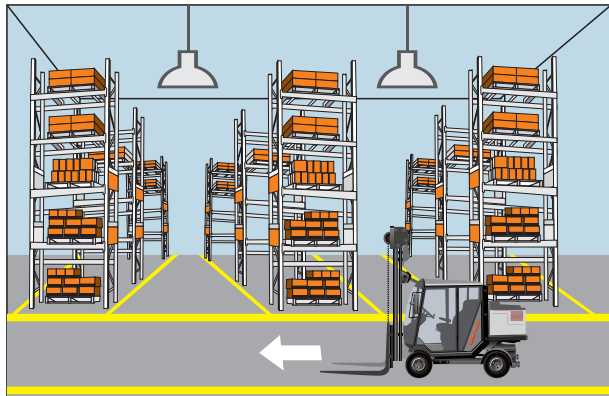


Features of Linear high bay light with motion sensor

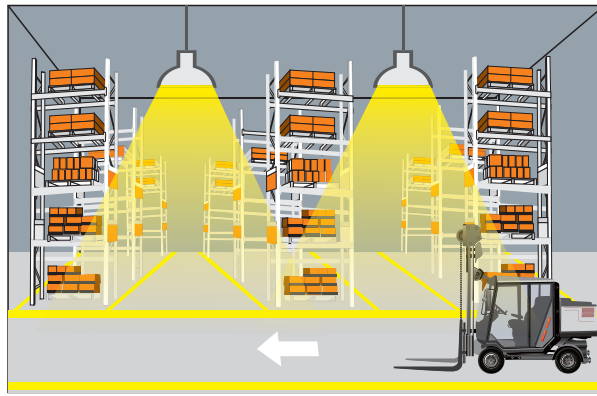
The linear high bay light with motion sensor which utilizes Doppler shift phenomenon to sense motion, Using the most popular 5.8GHz ISM band with high reliability, it won't be affected by noise, temperature, humidity. The detection signal can penetrate plastic, glass, wood panel and other thin non-metallic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

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

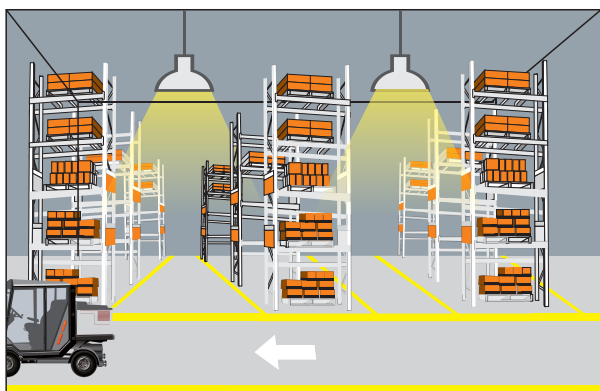
The application function is set via remote controller, simple and convenient.



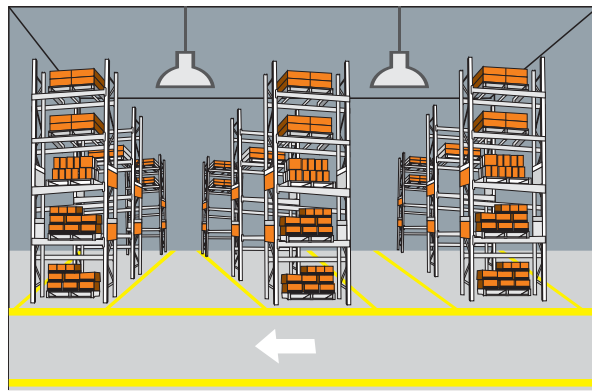
With sufficient ambient light, the lamp does not switch on.



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



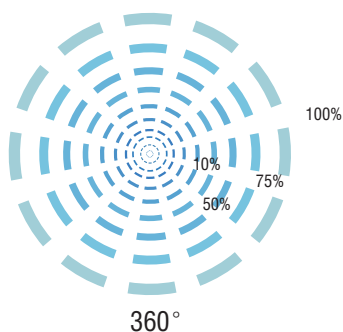
After hold time, the lamp dims to a low light level if no new motion trigger.



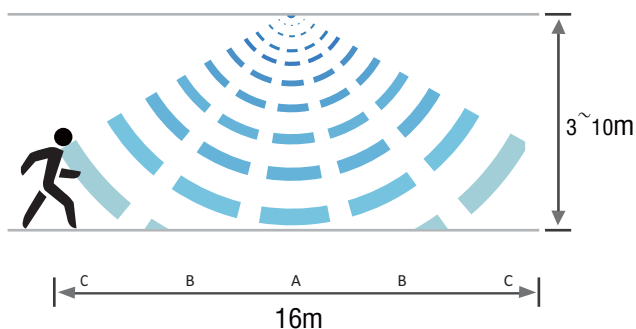
After stand-by period, the lamp switches off if no motion is detected in its detection zone.

Detection coverage

Top View



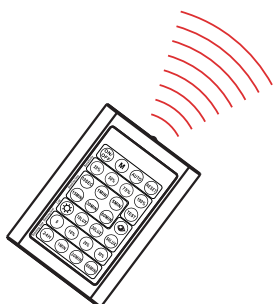
Side View





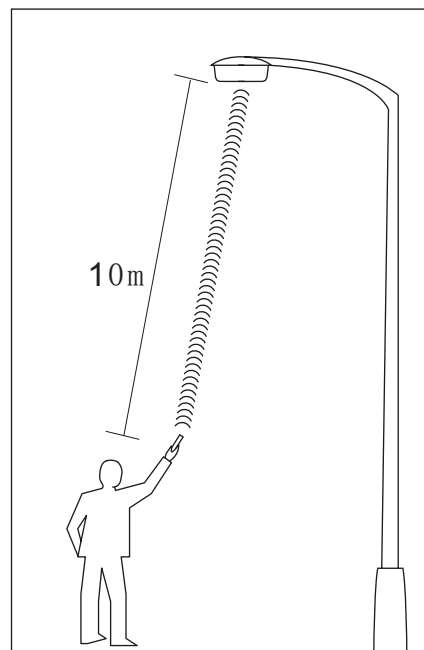
Brief introduction of remote controller

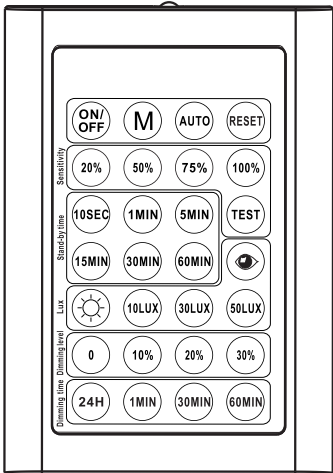
all control parameters are adjustable via a wireless configuration tool capable of storing and transmitting sensor profiles.



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



 Remote controller Model: RC-101		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.



Technical parameters for Sensing Series :

Model	CCT	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power(w) (±10%)	Max. current (A)	CRI	PF
LH2F-060-AW-50K-S01	5000K	8000	120°	SMD2835	AC100-277V 50/60Hz	60W	0.7A	>80	>0.9
LH2F-060-AW-40K-S01	4000K	7750							
LH2F-060-AW-35K-S01	3500K	7450							
LH2F-060-AW-30K-S01	3000K	7450							
LH2F-060-AW-50K-S02	5000K	7560							
LH2F-060-AW-40K-S02	4000K	7300							
LH2F-060-AW-35K-S02	3500K	6930							
LH2F-060-AW-30K-S02	3000K	6930							
LH2F-100-AW-50K-S01	5000K	13340	120°	SMD2835	AC100-277V 50/60Hz	100W	1.2A	>80	>0.9
LH2F-100-AW-40K-S01	4000K	12920							
LH2F-100-AW-35K-S01	3500K	12390							
LH2F-100-AW-30K-S01	3000K	12390							
LH2F-100-AW-50K-S02	5000K	12600							
LH2F-100-AW-40K-S02	4000K	12180							
LH2F-100-AW-35K-S02	3500K	11550							
LH2F-100-AW-30K-S02	3000K	11550							
LH2F-120-AW-50K-S01	5000K	16000	120°	SMD2835	AC100-277V 50/60Hz	120W	1.4A	>80	>0.9
LH2F-120-AW-40K-S01	4000K	15500							
LH2F-120-AW-35K-S01	3500K	14870							
LH2F-120-AW-30K-S01	3000K	14870							
LH2F-120-AW-50K-S02	5000K	15120							
LH2F-120-AW-40K-S02	4000K	14620							
LH2F-120-AW-35K-S02	3500K	13860							
LH2F-120-AW-30K-S02	3000K	13860							
LH2F-150-AW-50K-S01	5000K	20000	120°	SMD2835	AC100-277V 50/60Hz	150W	1.8A	>80	>0.9
LH2F-150-AW-40K-S01	4000K	19370							
LH2F-150-AW-35K-S01	3500K	18580							
LH2F-150-AW-30K-S01	3000K	18580							
LH2F-150-AW-50K-S02	5000K	18900							
LH2F-150-AW-40K-S02	4000K	18270							
LH2F-150-AW-35K-S02	3500K	17320							
LH2F-150-AW-30K-S02	3000K	17320							
LH2F-180-AW-50K-S01	5000K	24000	120°	SMD2835	AC100-277V 50/60Hz	180W	2.1A	>80	>0.9
LH2F-180-AW-40K-S01	4000K	23250							
LH2F-180-AW-35K-S01	3500K	22300							
LH2F-180-AW-30K-S01	3000K	22300							
LH2F-180-AW-50K-S02	5000K	22680							
LH2F-180-AW-40K-S02	4000K	21930							
LH2F-180-AW-35K-S02	3500K	20800							
LH2F-180-AW-30K-S02	3000K	20800							



Technical parameters for Sensing series :

Model	CCT	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power (w) (±10%)	Max. current (A)	CRI	PF
LH4F-100-AW-50K-S01	5000K	13340	120°	SMD2835	AC100-277V 50/60Hz	100W	1.2A	>80	>0.9
LH4F-100-AW-40K-S01	4000K	12920							
LH4F-100-AW-35K-S01	3500K	12400							
LH4F-100-AW-30K-S01	3000K	12400							
LH4F-100-AW-50K-S02	5000K	12600							
LH4F-100-AW-40K-S02	4000K	12180							
LH4F-100-AW-35K-S02	3500K	11550							
LH4F-100-AW-30K-S02	3000K	11550							
LH4F-150-AW-50K-S01	5000K	20000	120°	SMD2835	AC100-277V 50/60Hz	150W	1.8A	>80	>0.9
LH4F-150-AW-40K-S01	4000K	19370							
LH4F-150-AW-35K-S01	3500K	18590							
LH4F-150-AW-30K-S01	3000K	18590							
LH4F-150-AW-50K-S02	5000K	18900							
LH4F-150-AW-40K-S02	4000K	18270							
LH4F-150-AW-35K-S02	3500K	17320							
LH4F-150-AW-30K-S02	3000K	17320							
LH4F-200-AW-50K-S01	5000K	26670	120°	SMD2835	AC100-277V 50/60Hz	200W	2.3A	>80	>0.9
LH4F-200-AW-40K-S01	4000K	25830							
LH4F-200-AW-35K-S01	3500K	24780							
LH4F-200-AW-30K-S01	3000K	24780							
LH4F-200-AW-50K-S02	5000K	25200							
LH4F-200-AW-40K-S02	4000K	24360							
LH4F-200-AW-35K-S02	3500K	23100							
LH4F-200-AW-30K-S02	3000K	23100							
LH4F-250-AW-50K-S01	5000K	33340	120°	SMD2835	AC100-277V 50/60Hz	250W	2.8A	>80	>0.9
LH4F-250-AW-40K-S01	4000K	32300							
LH4F-250-AW-35K-S01	3500K	30980							
LH4F-250-AW-30K-S01	3000K	30980							
LH4F-250-AW-50K-S02	5000K	31500							
LH4F-250-AW-40K-S02	4000K	30450							
LH4F-250-AW-35K-S02	3500K	28880							
LH4F-250-AW-30K-S02	3000K	28880							
LH4F-300-AW-50K-S01	5000K	40000	120°	SMD2835	AC100-277V 50/60Hz	300W	3.5A	>80	>0.9
LH4F-300-AW-40K-S01	4000K	38750							
LH4F-300-AW-35K-S01	3500K	37170							
LH4F-300-AW-30K-S01	3000K	37170							
LH4F-300-AW-50K-S02	5000K	37800							
LH4F-300-AW-40K-S02	4000K	36540							
LH4F-300-AW-35K-S02	3500K	34650							
LH4F-300-AW-30K-S02	3000K	34650							

2F=2FEET 4F=4FEET

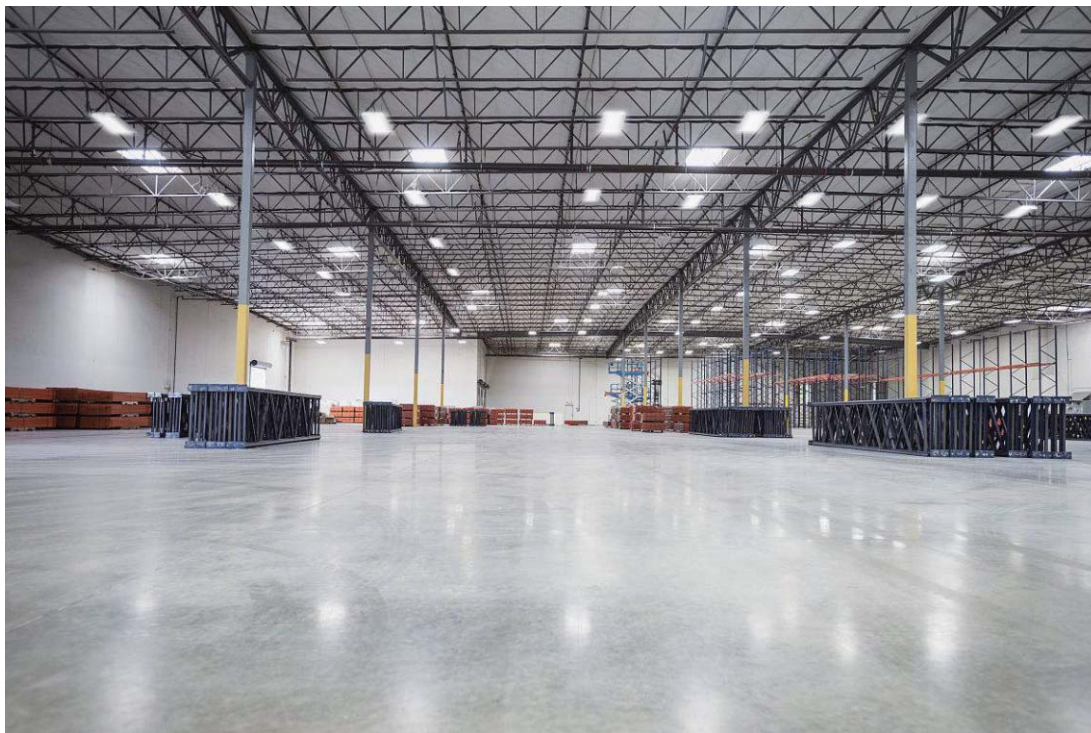
01=transparent cover

02=milky cover

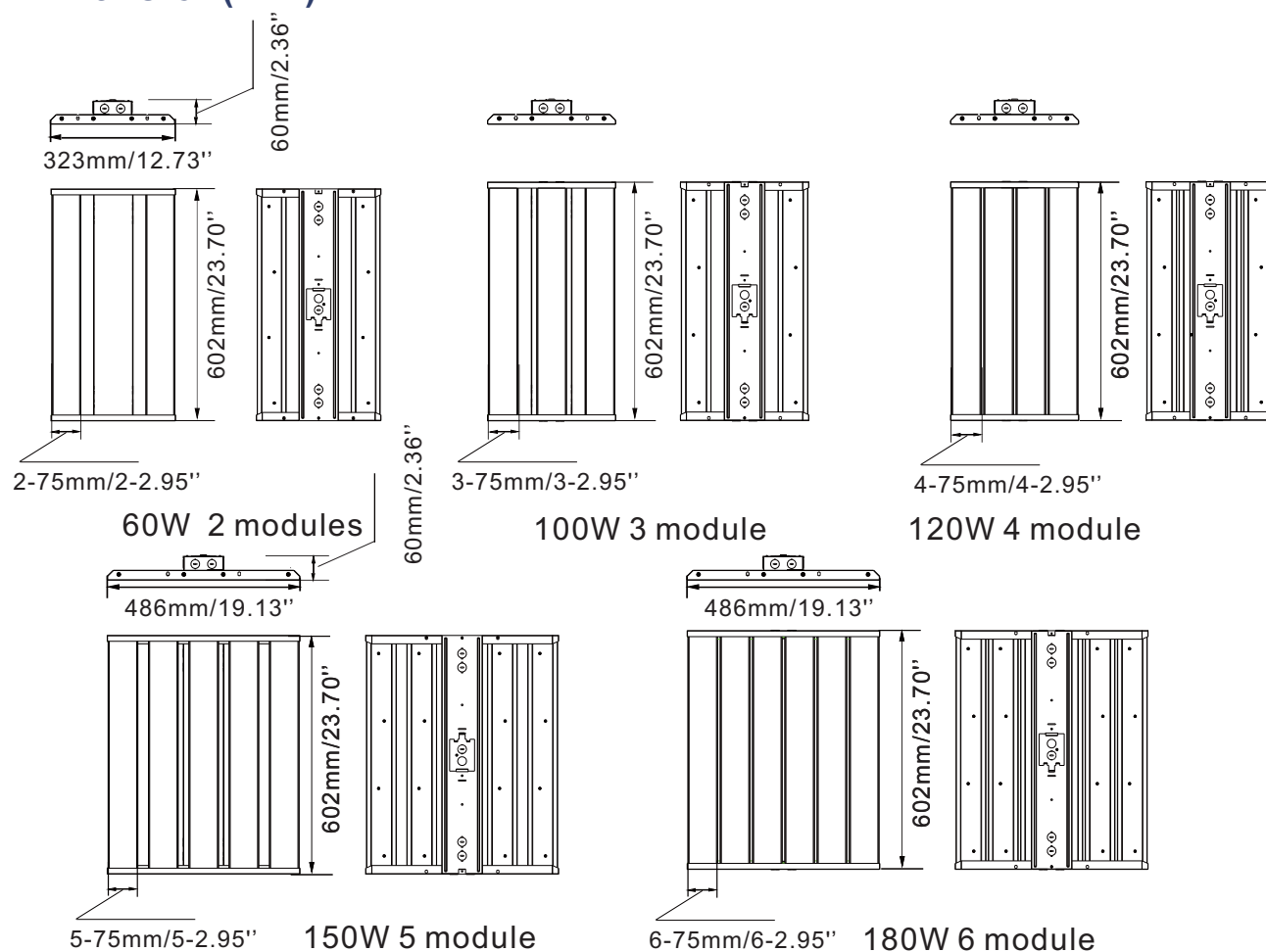


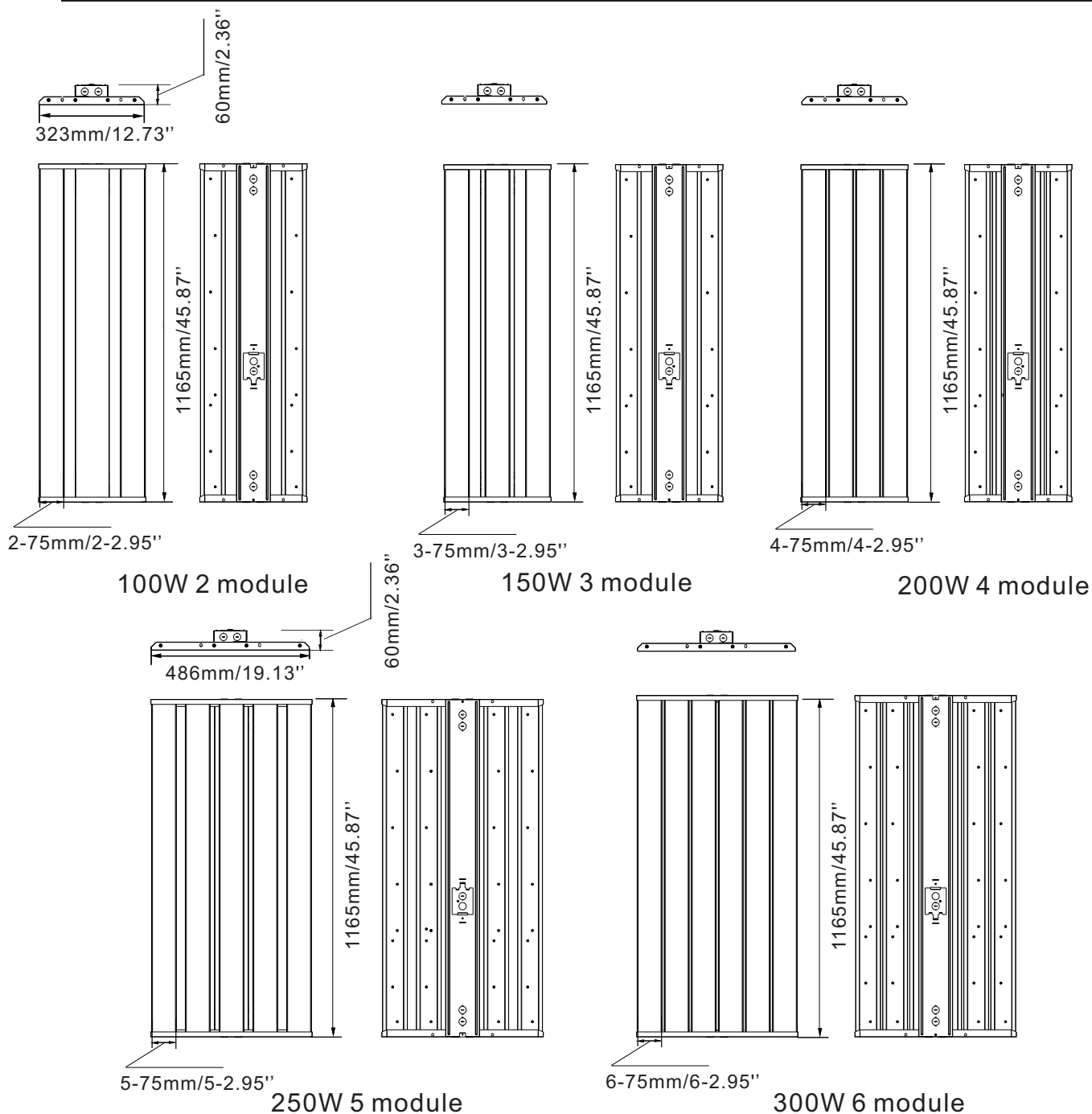
Application:

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

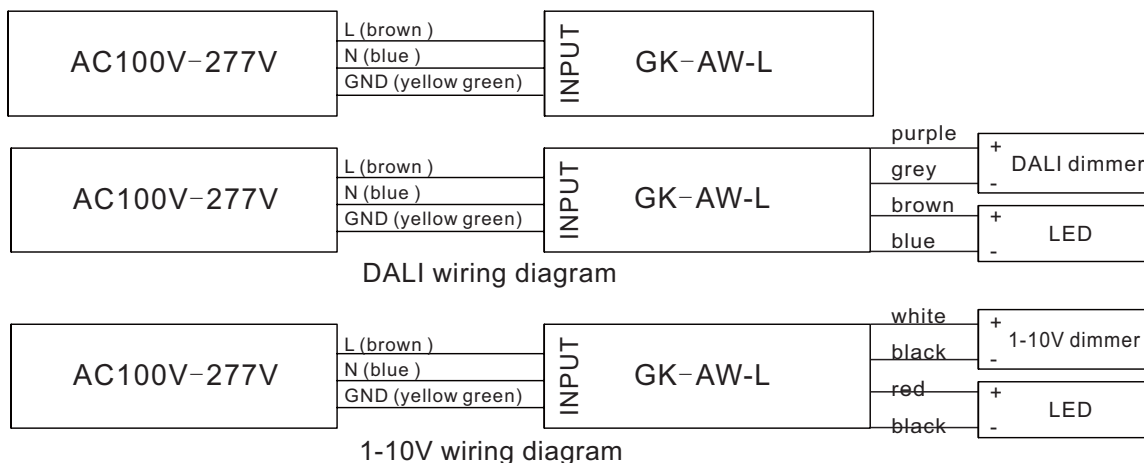


Dimension(mm):



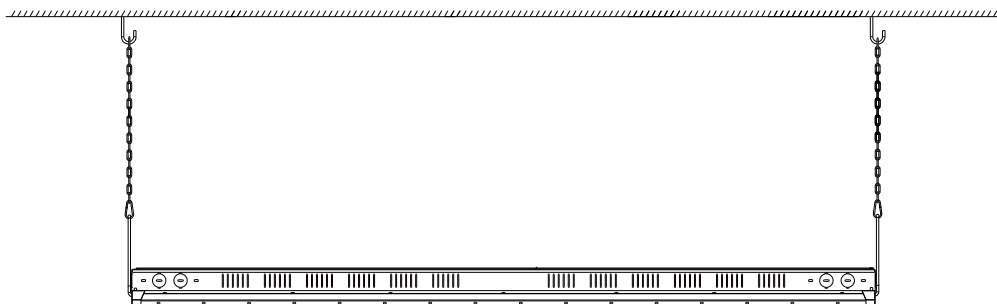
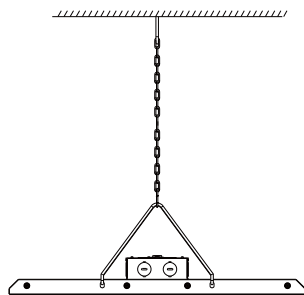


Connection diagram:





Installation :



1225/48.23"
610/24.02"

distance between
installation holes

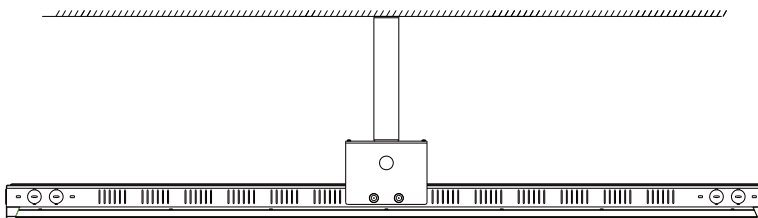
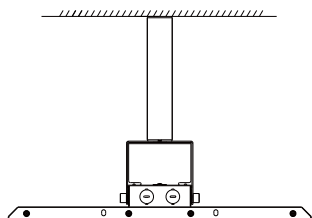
1. Prepare a set of suspension hardware, and embedded into the installation carrier, and ensure the hardware and installation carrier meet bearing requirements;

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.