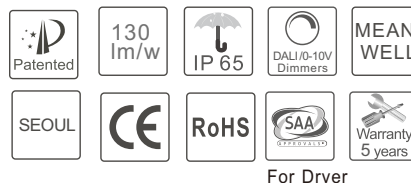




LiBay High Bay Light of High Lighting Effect and Low Lighting Effect (European Version)

GK-090/120/150-AW-XX-L-YY



Description :

LiBay is an unique flexible lighting that can be used as normal high bay light and can also be used as warehouse light. We supply narrow, medium or wide beam angle. 30*70 degree and 70*120 degree are designed for warehouse, aisle; 120*120 degree are suitable for gymnasium, factory, high bay appliance. With modular design, LiBay can be specified in two modules 90W, three modules 120W, four modules 150W, five modules 200W, six modules 240W, seven modules 280W. 130lm/W lighting effect, can save 60% energy. .

Features:

- 1.30*70°, 70*120°, 120*120° for different applications;
- 2.Modular design, 90W-280W are available, low glare, < 25;
- 3.Suitable for ceiling installation and suspended installation;
- 4.UL, DLC, TUV, CE, SAA approval;
- 5.5 years warranty;
- 6.Operating environment temperature:-20 °C - 35°C;
- 7.Corrosion-proof grade:no protection.



Technical parameters :

Model	CCT	Color	Lumen (lm) (±10%)	Beam angle	LED type	Voltage, frequency	Power(w) (±10%)	Max. current (A)	CRI	PF	Replace traditional light source
GK-090-AW-W-L-04/05	5500-6500K	White	11530	70°*120°	SEOUL 3535	AC100-277V 50/60Hz	90W	1.1A	> 70	> 0.9	250W
GK-090-AW-NW-L-04/05	4000-4500K	Neutral white	10930								
GK-090-AW-WW-L-04/05	2700-3200K	Warm white	10340								
GK-090-AW-W-L-16/19	5500-6500K	White	9730	30°*70°	SEOUL 1919	AC100-277V 50/60Hz					
GK-090-AW-NW-L-16/19	4000-4500K	Neutral white	9300								
GK-090-AW-WW-L-16/19	2700-3200K	Warm white	8560								
GK-090-AW-W-L-17/20	5500-6500K	White	10670	70°*120°	SEOUL 1919	AC100-277V 50/60Hz					
GK-090-AW-NW-L-17/20	4000-4500K	Neutral white	10190								
GK-090-AW-WW-L-17/20	2700-3200K	Warm white	9340								
GK-090-AW-W-L-18/21	5500-6500K	White	10810	120°*120°	SEOUL 1919	AC100-277V 50/60Hz					
GK-090-AW-NW-L-18/21	4000-4500K	Neutral white	10330								
GK-090-AW-WW-L-18/21	2700-3200K	Warm white	9590								
GK-120-AW-W-L-04/05	5500-6500K	White	14930	70°*120°	SEOUL 3535	AC100-277V 50/60Hz	120W	1.4A	> 70	> 0.9	400W
GK-120-AW-NW-L-04/05	4000-4500K	Neutral white	14730								
GK-120-AW-WW-L-04/05	2700-3200K	Warm white	14030								
GK-120-AW-W-L-16/19	5500-6500K	White	13400	30°*70°	SEOUL 1919	AC100-277V 50/60Hz					
GK-120-AW-NW-L-16/19	4000-4500K	Neutral white	12800								
GK-120-AW-WW-L-16/19	2700-3200K	Warm white	11470								
GK-120-AW-W-L-17/20	5500-6500K	White	14130	70°*120°	SEOUL 1919	AC100-277V 50/60Hz					
GK-120-AW-NW-L-17/20	4000-4500K	Neutral white	13500								
GK-120-AW-WW-L-17/20	2700-3200K	Warm white	12330								
GK-120-AW-W-L-18/21	5500-6500K	White	14410	120°*120°	SEOUL 1919	AC100-277V 50/60Hz					
GK-120-AW-NW-L-18/21	4000-4500K	Neutral white	13770								
GK-120-AW-WW-L-18/21	2700-3200K	Warm white	12630								
GK-150-AW-W-L-04/05	5500-6500K	White	19580	70°*120°	SEOUL 3535	AC100-277V 50/60Hz	150W	1.8A	> 70	> 0.9	400W
GK-150-AW-NW-L-04/05	4000-4500K	Neutral white	19640								
GK-150-AW-WW-L-04/05	2700-3200K	Warm white	18740								
GK-150-AW-W-L-16/19	5500-6500K	White	16960	30°*70°	SEOUL 1919	AC100-277V 50/60Hz					
GK-150-AW-NW-L-16/19	4000-4500K	Neutral white	16210								
GK-150-AW-WW-L-16/19	2700-3200K	Warm white	14850								
GK-150-AW-W-L-17/20	5500-6500K	White	17740	70°*120°	SEOUL 1919	AC100-277V 50/60Hz					
GK-150-AW-NW-L-17/20	4000-4500K	Neutral white	16940								
GK-150-AW-WW-L-17/20	2700-3200K	Warm white	15510								
GK-150-AW-W-L-18/21	5500-6500K	White	18570	120°*120°	SEOUL 1919	AC100-277V 50/60Hz					
GK-150-AW-NW-L-18/21	4000-4500K	Neutral white	17740								
GK-150-AW-WW-L-18/21	2700-3200K	Warm white	15840								

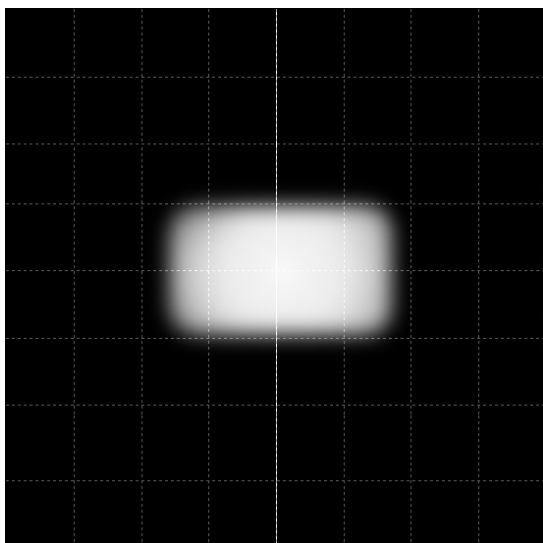
04/05= beam angle 70°*120° LEDs: Seoul 3535

16/19=beam angle 30°*70° LEDs: Seoul 1919

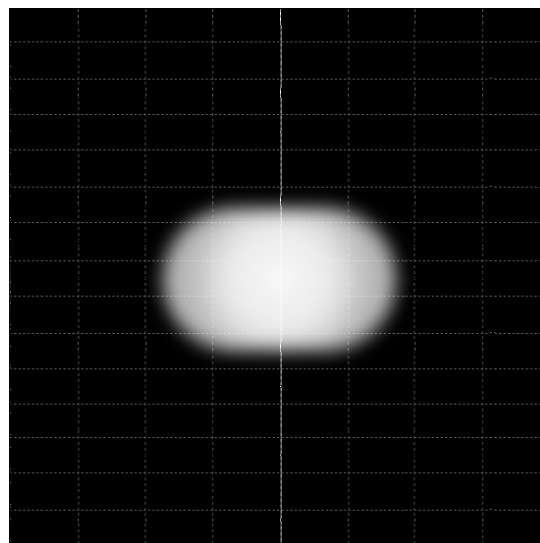
17/20=beam angle 70°*120° LEDs: Seoul 1919

18/21=beam angle 120°*120° LEDs: Seoul 1919

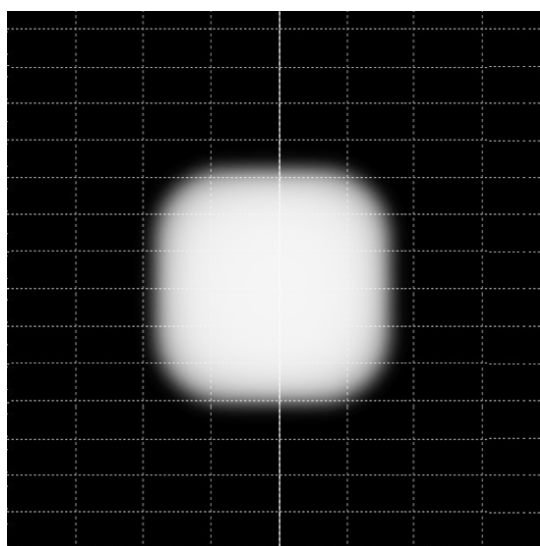
Different beam angle :



30°*70°



70°*120°



120°*120°

30°*70° and 70°*120° design for warehouse, aisle; 65°*65° and 120°*120° design for industrial and mining equipment.



The left side employ LIBAY 70°*120° lens, uniform light spot, ground LUX 40% in height



Employ round 45° high bay light, and there is dark area



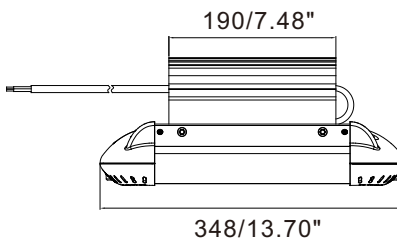
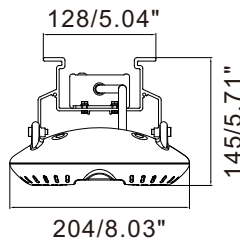
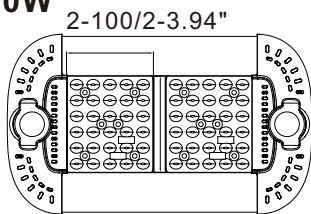
Application :

Warehouse, distribution/logistic center, aisle lighting, gymnasium, factory, industrial and mining equipment.

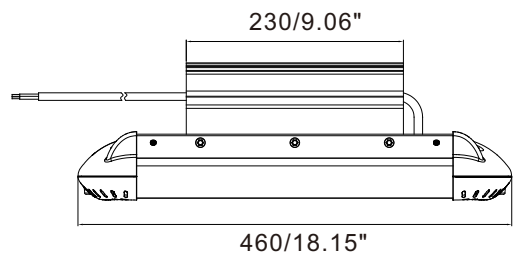
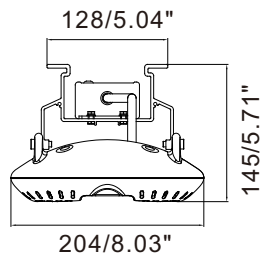
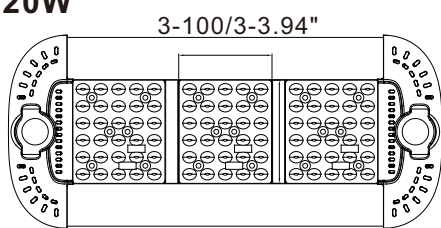


Dimension (mm) :

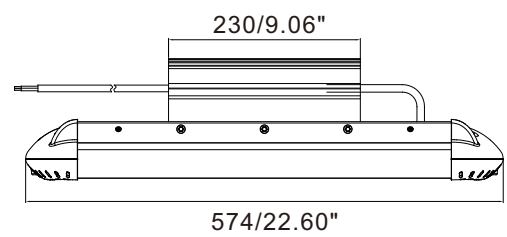
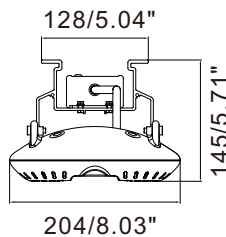
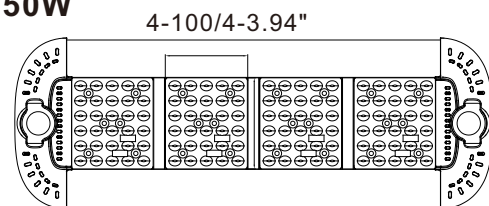
90W



120W

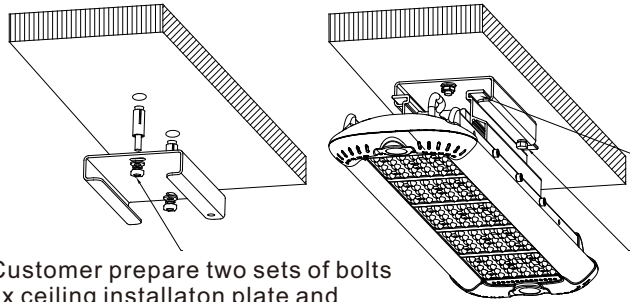
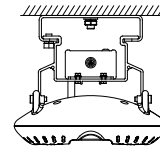
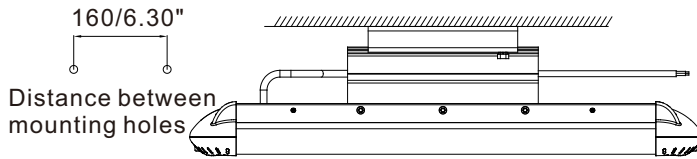


150W





Installation:



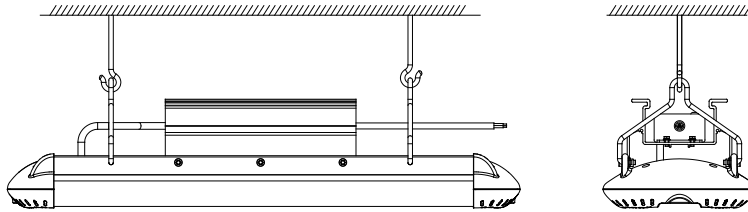
1. Customer prepare two sets of bolts to fix ceiling installation plate and installing surface, and maximum M10 bolt can be used;

Warning: the lamp can only be installed downward (otherwise IP grade and cooling requirement can't be reached.)

2. After electrical cavity and location hole on the same direction, insert lamp into ceiling installation plate;

3. Use M8 bolt and spring washer to thread location hole of ceiling installation plate, and fasten it.

Ceiling installation(optional)



600±20(280W)	23.62±0.79"
500±20(240W)	19.69±0.79"
400±20(200W)	15.75±0.79"
350±20(150W)	13.78±0.79"
300±20(120W)	11.81±0.79"
210±20(90W)	8.27±0.79"

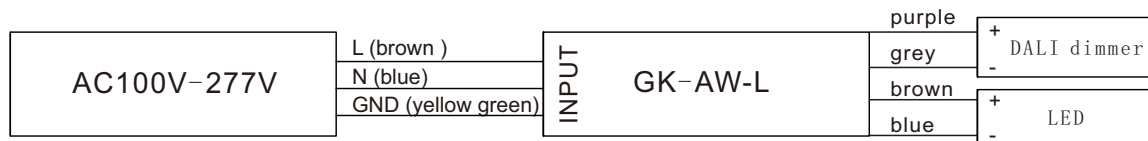
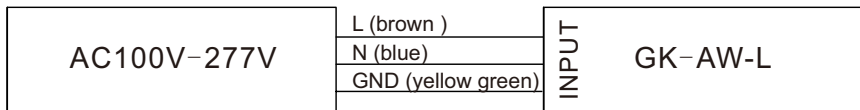
distance between installing hanger

2. Hang the lamp on the hanger of installing surface with hanging bracket;

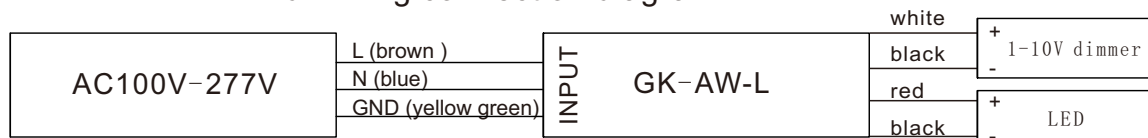
1. Thread hanging bracket through the reserved holes of radiator, and fasten the bracket with matched M6 nut to fix the lamp with suspending bracket reliably;

suspension installation(optional)

Connection diagram:



DALI dimming connection diagram



1-10V dimming connection diagram



Packing information :

Power	Outer carton dimension	Net weight	Gross weight (include ceiling installation plate)	Accessories : (include ceiling installation plate)	Suspendent bracket (optional)
90W	450X280X190mm (1PCS/ carton)	3.8Kg	5.3Kg	1.1Kg	0.15Kg
120W	560X280X190mm (1PCS/carton)	5.1Kg	6.5Kg		
150W	670X280X190mm (1PCS/carton)	5.9Kg	7.6Kg		

Installation requirement:

- 1.The lamp can only be installed downward vertically,otherwise cooling and waterproof performance may be affected;
2. Power off before installation;
3. Make sure the installation material can endure the lamp weight; fix ceiling installation panel on installing surface with M10 expansion bolts, and the bolt head expositon can't exceed 10mm ;
4. Insert electrical cavity into ceiling installation panel (align locking bolt holes), then fasten lamp with M8 bolt+spring washer;
5. If choose suspendent installation method, please confirm there are hangers first, fix suspendent bracket in the reserved hole of radiator, and fasten it with M6 nut, finally hook the suspendent bracket on the hanger;
6. Connect lamp wire to matched power wire, and seal the joint with insulation.

! 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.