

# Cibay-K2 High Bay Light CE Type



**LED**  
Lumileds

**>80**  
CRI

**160**  
lm/w

**180**  
lm/w

**200**  
lm/w

**120°**

**IK08**

**0-10V**  
Dimmers

**V<sub>AC</sub>**  
100-240

**≥0.9**  
PF

**IP65**

**Patented**

**-35 ~ 70°C**

**Original**  
design

**Warranty**  
5 years

**CE**

**RoHS**

## Feature:

- 1.Industrial style design, novel appearance, horizontal or vertical power layout.
2. DALI and 0-10V are optional. Our DALI module is a accessory which can save SKU.
3. High efficiency LED, 160lm/w、180lm/w、200lm/w multiple brightness are levels is optional.
4. Working temperature: -35 °C ~ + 70 °C.
4. Suitable for damp environment, slight corrosion-proof grade indoors.
5. Regular products provide Warranty is 5 years.

## Application

- \* Traditional product can't be used outdoors
- \* Suitable for damp environment, slight corrosion-proof grade indoors

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



## Description

CIBAY-K2 adopts a novel industrial appearance design, with two optional appearance styles. The horizontal power supply model is suitable for general environment, while the vertical power supply model is suitable for high temperature environment. This series of products can meet the needs of most application scenarios.

## Technical parameters

Model	CCT	Lumen(lm) 10%	Beam(angle°) 10%	LEDs type CRI	Power(W)	Voltage Frequency	Notes
CBK2-100-AW-60K-D601/D611/D621	5500-6500K	16000	120°	SMD2835 CRI>80	100W	AW: 100-240Vac 50-60Hz, Max1.20A	0-10V 160Lm/W
CBK2-100-AW-50K-D601/D611/D621	4700-5300K	15900					
CBK2-100-AW-40K-D601/D611/D621	3700-4300K	15600					
CBK2-100-AW-30K-D601/D611/D621	2700-3200K	15000					
CBK2-150-AW-60K-D601/D611/D621	5500-6500K	24000	120°	SMD2835 CRI>80	150W	AW: 100-240Vac 50-60Hz, Max1.80A	0-10V 160Lm/W
CBK2-150-AW-50K-D601/D611/D621	4700-5300K	23850					
CBK2-150-AW-40K-D601/D611/D621	3700-4300K	23400					
CBK2-150-AW-30K-D601/D611/D621	2700-3200K	22500					
CBK2-200-AW-60K-D601/D611/D621	5500-6500K	32000	120°	SMD2835 CRI>80	200W	AW: 100-240Vac 50-60Hz, Max2.30A	0-10V 160Lm/W
CBK2-200-AW-50K-D601/D611/D621	4700-5300K	31800					
CBK2-200-AW-40K-D601/D611/D621	3700-4300K	31200					
CBK2-200-AW-30K-D601/D611/D621	2700-3200K	30000					
CBK2-100-AW-60K-D801/D811/D821	5500-6500K	17800	120°	SMD2835 CRI>80	100W	AW: 100-240Vac 50-60Hz, Max1.20A	0-10V 180Lm/W
CBK2-100-AW-50K-D801/D811/D821	4700-5300K	17700					
CBK2-100-AW-40K-D801/D811/D821	3700-4300K	17400					
CBK2-100-AW-30K-D801/D811/D821	2700-3200K	16600					
CBK2-150-AW-60K-D801/D811/D821	5500-6500K	26700	120°	SMD2835 CRI>80	150W	AW: 100-240Vac 50-60Hz, Max1.80A	0-10V 180Lm/W
CBK2-150-AW-50K-D801/D811/D821	4700-5300K	26550					
CBK2-150-AW-40K-D801/D811/D821	3700-4300K	26100					
CBK2-150-AW-30K-D801/D811/D821	2700-3200K	24900					
CBK2-200-AW-60K-D801/D811/D821	5500-6500K	35600	120°	SMD2835 CRI>80	200W	AW: 100-240Vac 50-60Hz, Max2.30A	0-10V 180Lm/W
CBK2-200-AW-50K-D801/D811/D821	4700-5300K	35400					
CBK2-200-AW-40K-D801/D811/D821	3700-4300K	34800					
CBK2-200-AW-30K-D801/D811/D821	2700-3200K	33200					
CBK2-100-AW-60K-DA01/DA11/DA21	5500-6500K	19500	120°	SMD2835 CRI>80	100W	AW: 100-240Vac 50-60Hz, Max1.20A	0-10V 200Lm/W
CBK2-100-AW-50K-DA01/DA11/DA21	4700-5300K	19400					
CBK2-100-AW-40K-DA01/DA11/DA21	3700-4300K	19100					
CBK2-100-AW-30K-DA01/DA11/DA21	2700-3200K	18200					
CBK2-150-AW-60K-DA01/DA11/DA21	5500-6500K	29250	120°	SMD2835 CRI>80	150W	AW: 100-240Vac 50-60Hz, Max1.80A	0-10V 200Lm/W
CBK2-150-AW-50K-DA01/DA11/DA21	4700-5300K	29100					
CBK2-150-AW-40K-DA01/DA11/DA21	3700-4300K	28650					
CBK2-150-AW-30K-DA01/DA11/DA21	2700-3200K	27300					
CBK2-200-AW-60K-DA01/DA11/DA21	5500-6500K	39000	120°	SMD2835 CRI>80	200W	AW: 100-240Vac 50-60Hz, Max2.30A	0-10V 200Lm/W
CBK2-200-AW-50K-DA01/DA11/DA21	4700-5300K	38800					
CBK2-200-AW-40K-DA01/DA11/DA21	3700-4300K	38200					
CBK2-200-AW-30K-DA01/DA11/DA21	2700-3200K	36400					

### Model rule

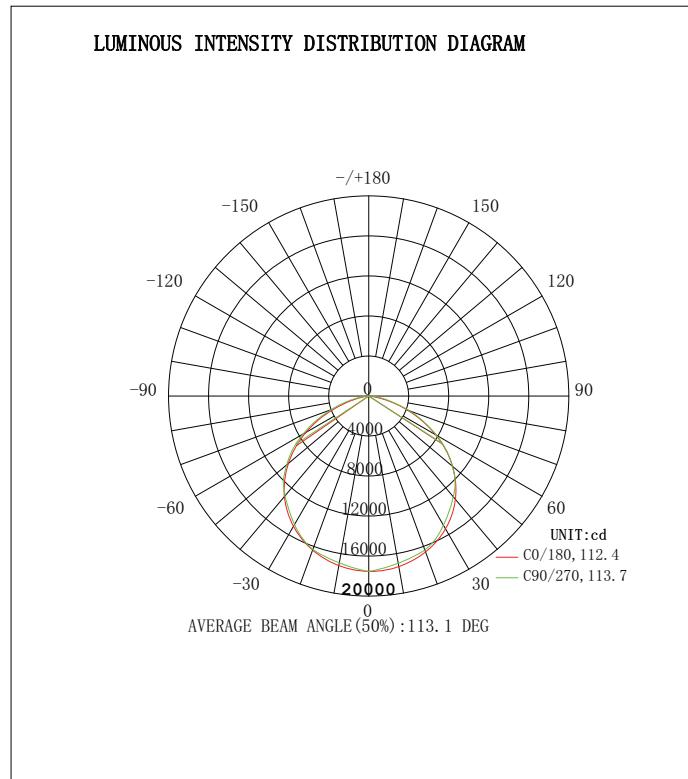


The list is the sample model, please refer to the model rules for details

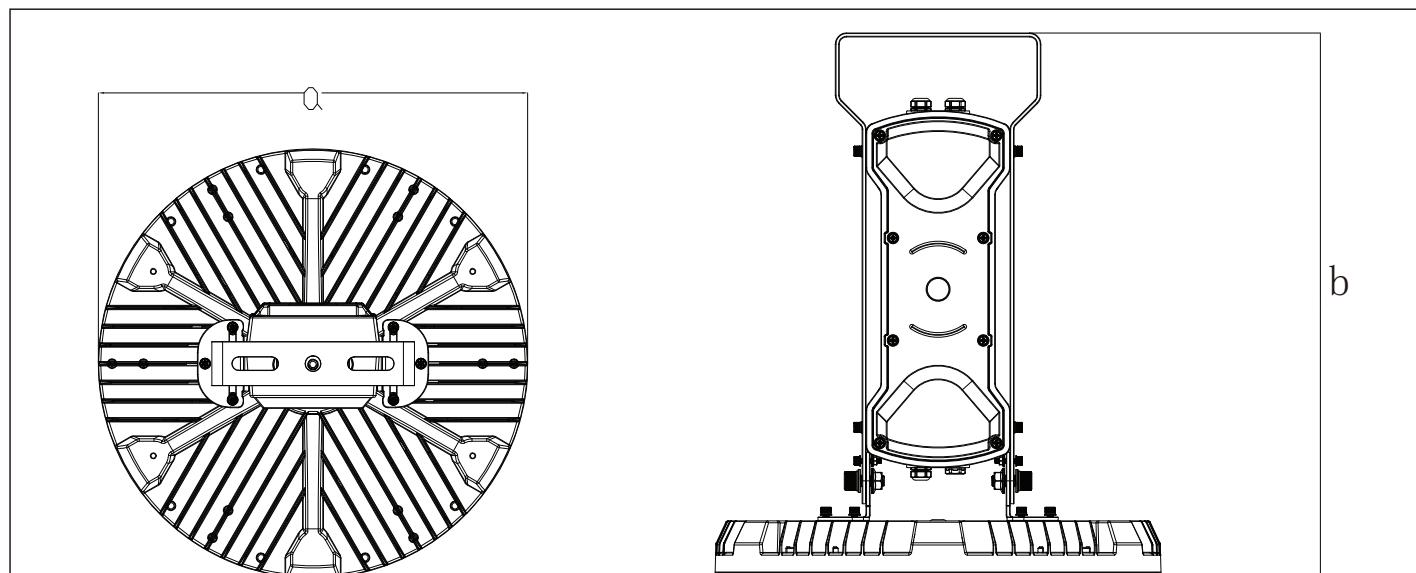
\* "X, Y" maybe 0 TO 9, A TO Z. "Z" maybe D, S

Power supply type	* 1: SOSEN-AW( 100-240VAC );
Angle	* 0: 120°;
Luminous efficiency	* 6: 160 lm/W level; 8: 180 lm/W level; A:200 lm/W level
Function	* D: Dimming; Blank: Nonfunctional
CCT	* 30K(3000K); 40K(4000K); 50K(5000K); 60K(6000K);
Voltage	* AW: 100-240VAC
power	* 100W; 150W; 200W;
Category	* Cibay-K2 High Bay Light

## Distribution Diagram



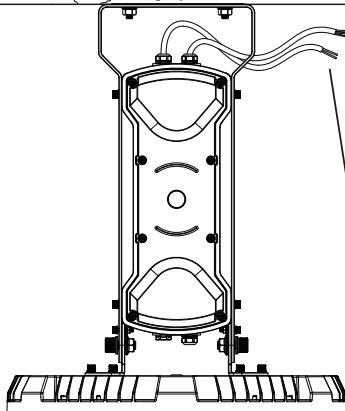
## Dimension(Unit:mm/inch)



Identification	100W	150W	200W
a.	310mm, 12. 20"	350mm, 13. 78"	390mm, 15. 35"
b.	469mm, 18. 46"	474mm, 18. 66"	474mm, 18. 66"

## Product Installation

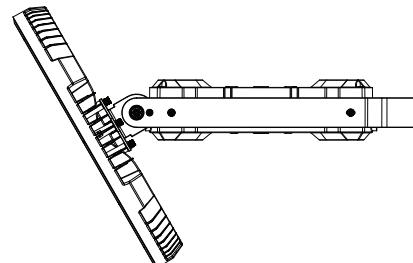
### U Bracket Ceiling or Wall Installation



The U-shaped support is applicable to wall installation or ceiling installation. The installation position should comply with the bearing requirements. The following recommended size should be observed to open holes on the walls.

AC INPUT  
L ( black wire)  
GND ( green wire)  
N (white wire)  
0-10V dimming  
Dim-(Pink wire)  
Dim+(purple wire)

105mm  
2- $\phi$  10  
Recommended dimension  
of drilling hole



1. Insert the expansion screws into wall holes.
2. Make the head of expansion screws through installation hole of U-shaped support.
3. Tighten the expansion screws to make the support suck on the walls firmly.
4. Dismantle the auxiliary screws on two sides of the support and loose screws of the spindle slightly.
5. Rotate the support to suitable degree and replace auxiliary screws at two sides.

The power supply should be cut off during installation. If it is used in environment with vibration, the safety rope should be provided. In case of installation with lifting ring and hook, Can be extended by chain. Any installation mode should ensure that the carrier reaches effective bearing. The bearing capacity is four times or above of the total hung weight at least.

The disconnection of power supply should be kept for 30 minutes at least for maintenance to prevent scalding by high heat.

## Installation requirements

1. Disconnect power supply, and read product instructions carefully;
2. Ensure installation accessories and installation environment conform to bearing requirement;
3. Check whether the installation accessories are damaged or not, and install accessories to lamp reliably;
4. Different installation environment match corresponding installation accessories, do not use or change at will;
5. If the installation fittings has auxiliary parts such as skidproof screw, notice how it works, please do not ignore it;
6. If the light is installed in vibration environment, please add anti-falling safety rope to ensure reliability of installation;
7. Connect power supply wire reliably according to specified polarity; I-type lamp with grounding line shall be earthed reliably and the connection points must have insulation measures;
8. When the installation is completed, check whether all parts is reliable and can work properly.

## ! 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 and 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 shall 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 shall 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 specified anti-corrosion grade, if you have special requirement, please first consult with our company.