BBIER ®

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Project Name_____
Product Code_____
SKU No. _____
Memo. _____
Data _____

LED CANOPY LIGHT

POWER / COLOUR ALL IN ONE

NEW TECHNOLOGY

**Adjustable power
Adjustable color temperature**

SAA APPROVALS®

ISO 9001 QUALITY ASSURED FIRM SGS

IP 65 Waterproof

ETL LISTED Intertek

Indoor

5 YEAR LIMITED WARRANTY

RoHS

CE

PRODUCT SPECIFICATION

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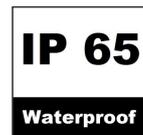
1 ▷ KEY FEATURES

1.High efficiency UL Certification Driver.Separate design of the lamp driver, the driver module

 can be placed far away from the lamp body.

2.Imported original CREE XTE or Lumileds 3030 LED Chip.

3.Variety of mounting options.

4.The surface of lamp housing is anti-corrosion and electrophoresis processed.

5.Dust-proof,moisture proof and waterproof ,IP65 rated.

6.Excellent optics design,higher luminous efficiency.uniform light spot, high

efficiency, low glare.

7.Compare to traditional lamps can save energy 70%-80%.

8.Easy & quick Installation.

9.Adjustable power 80W/100W/120W/150W ;120W/160W/200W/240W,

   Adjustable color temperature all in one.

Power	80W/100W/120W/150W 4in1	120W/160W/200W/240W 4in1
Model	BB-CSD-4IN1-C1A	BB-CSD-4IN1-C1B
Luminous Flux	80W=10400lm 120W=15600lm 100W=13000lm 150W=17250lm	120W=15600lm 200W=26000lm 160W=20800lm 240W=27600lm
Replacement	80W=HPS 250W 120W=HPS 350W 100W=HPS 300W 150W=HPS 400W	120W=HPS 350W 200W=HPS 600W 160W=HPS 450W 240W=HPS 700W
Cover	Glass cover	
Light Source	SMD LED	
Luminous Efficacy	130lm/W (When the light power is turned on to the maximum, the light effect will be reduced to 115 lm/w)	
Operation Temp.	-40 to +45℃	
CCT	3000K/4000K/5000K All in one, Options:4000K/5000K/5700K	
CRI	>80	
With Sensor	Daily sensor	
Life Span	50,000 hours at 25℃	
Voltage	100-277VAC/50-60Hz 200-480VAC/50-60Hz available	
Driver	UL listed power supply	
Beam Angle	120°	
PF	>0.95	
IP	65	
Warranty	5 Years	

Ordering Information

Area Series	Watts	Version	CCT	Voltage	Control	Cover	Color
BB-CSD	80/100/120/150W 120/160/200/240W	4in1	**Blank-** 3000K 4000K 5000K **Optional-** 4000K 5000K 5700K	**Blank-**100-277VAC **HV-**200-480VAC	**Blank -**Photocell Sensor	**Blank-** Glass	**Blank -** black **WH -** white **BR** – bronze

Notes:

Special Order-Ask Customer Service

3 ▶ APPLICATION

- ○ 1.Gas station lighting.
- ○ 2.Petroleum canopies lighting.
- ○ 3.CNG fueling stations lighting.

- ○ 4.Low-medium bay general lighting.
- ○ 5.Soffits lighting.
- ○ 6. Garage lighting.

4 ▶ SIZE

420mm(16.54in)
420mm(16.54in)
67mm (2.64in)
52mm (2.05in)

80W/100W/120W/150W 4in1

540mm(21.26in)
540mm(21.26in)
67mm (2.64in)
52mm (2.05in)
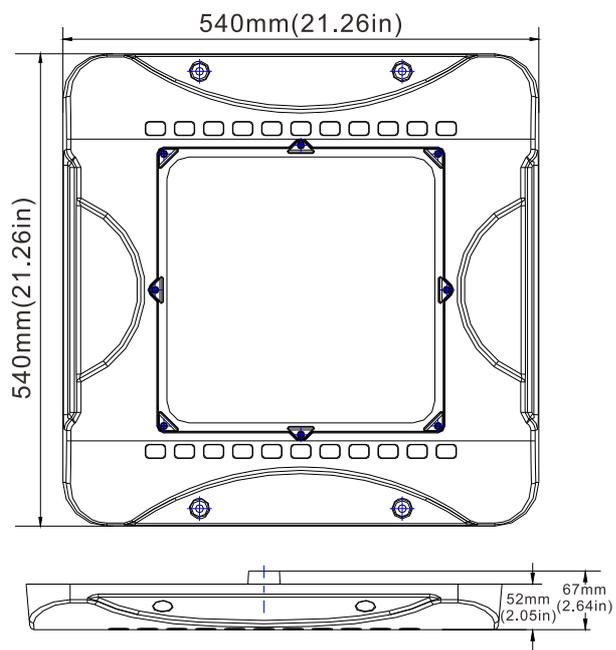
120W/160W/200W/240W 4in1

Adjustable power and
color temperature module

○ Pull out the controller cover firmly upwards. See picture 1

○ Adjust the power in zone A and adjust the color temperature
in zone B. The factory default power is 150W and the color
temperature is 5000K. See picture 2.

Comparison table for adjusting the power (zone A):

80W/100W/120W/150W			
150W=Pull A1 to OFF. Pull A2 to OFF. (picture 2.)	120W=Pull A1 to ON Pull A2 to OFF. (picture 3.)	100W=Pull A1 to OFF. Pull A2 to ON (picture4.)	80W= Pull A1 to ON Pull A2 to ON

120W/160W/200W/240W			
240W=Pull A1 to OFF. Pull A2 to OFF. (picture 2.)	200W=Pull A1 to ON Pull A2 to OFF. (picture 3.)	160W=Pull A1 to OFF. Pull A2 to ON (picture4.)	120W= Pull A1 to ON Pull A2 to ON

Internal structure
of controller

Instructions for adjusting the color temperature (zone B):

3 gears adjustment: B3=3000K, B2=4000K, B1=5000K.
The factory default is 5000K (B1). When adjusting the color
temperature, just pull the button to the corresponding position.

①

A   B

②

③

④

5 > IES TEST REPORT

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

UNIT:cd
C0/180,112.0deg
C30/210,111.8deg
C60/240,111.9deg
C90/270,111.2deg

AVERAGE BEAM ANGLE(50%):111.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

28.0		4.60	
23.0		3.70	
19.0		2.30	
14.0		1.90	
9.30		1.40	
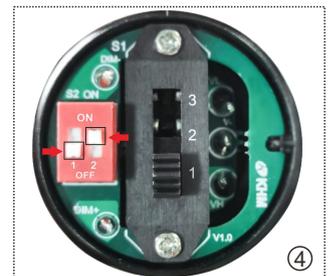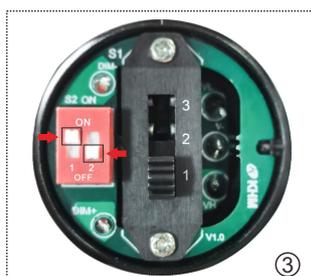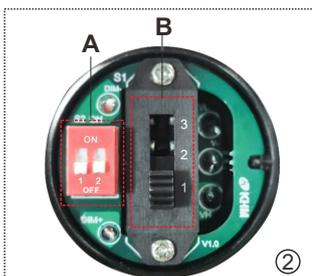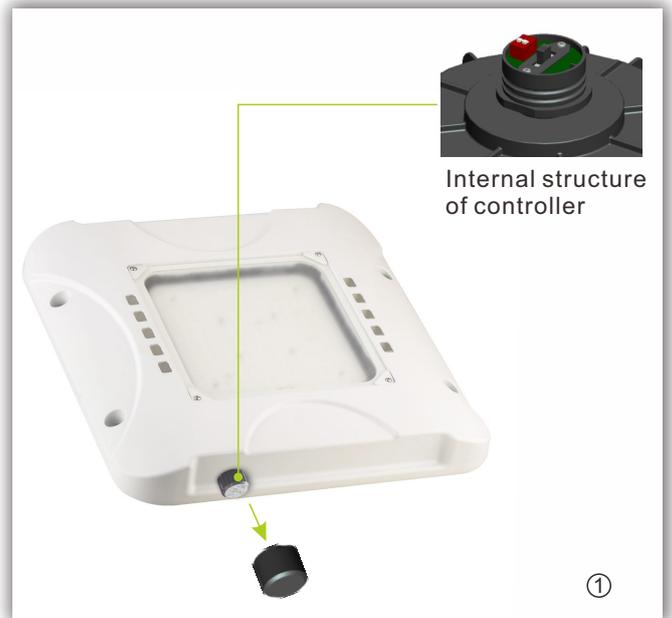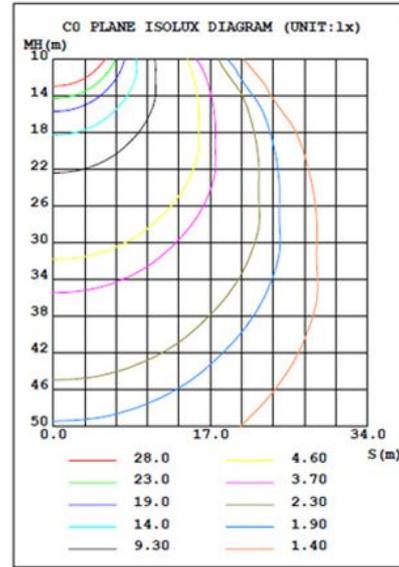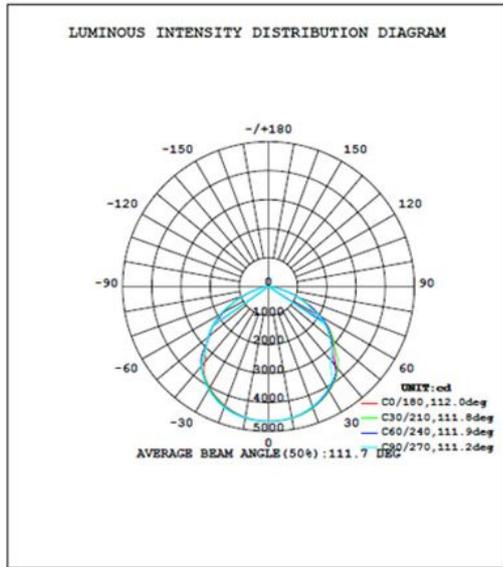
6 > PROJECTS

By using our 100W LED Light to replace 300W Metal Halide bulb for Gas Station lighting,the customer is now able to save a lot per month from his electric bill.

Replace

100W LED = 300W MH

Note :

• Don't take the LED lamp apart.

• The LED lamp must work under the right voltage according to the specification.

Packaging	Dimensions (L*W*H)	N.W	G.W	Volume weight
150W/200W 1pcs/Box	465*460*120mm	3.5kg	4.5kg	6.5kg
240W/300W 1pcs/Box	585*580*120mm	4.5kg	5.5kg	10.0kg