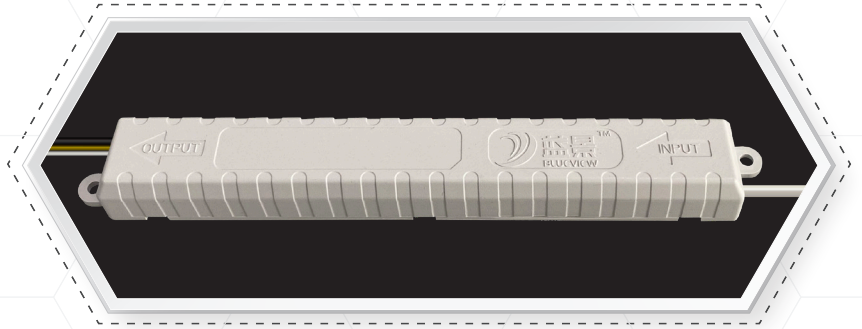


SMART CONSTANT CURRENT DIMMING POWER SUPPLY



BV-CCXXD



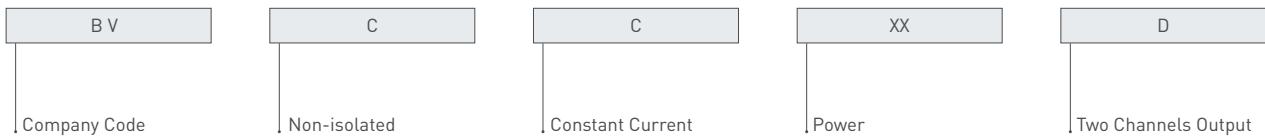
APPLICATION

- Suitable for external power supply to commercial lighting, indoor lighting and advertising signage lighting

FEATURES

- High-brightness digital dimming technology, showing perfect visual experience
- Innovative thermal management technology, intelligent protection of power supply life
- Power supply dimming range 1%-100%
- Mobile APP dimming control
- Adopt environmental safety materials

ORDERING CODE



TECHNICAL PARAMETERS

Output ▶

Model No.	Rated AC Voltage	Voltage Range	Rated DC Current	Rated Output Power	Rated Ripple & Noise	Load Regulation Rate	Load Power Range	Dimming Range	Gray Adjustment
BV-CC30D	160VAC	50-160V	190mA	32W	/	/	10-32W	1%~100%	65536:1
BV-CC40D			290mA	48W			10-48W		

Input ▶

Model No.	Voltage Range	Frequency Range	Max Input Current	Surge Current(Cold-Start)	Power efficiency	Line Regulation Rate	PF
BV-CC30D	185VAC~265VAC	50/60HZ	300mA	/	/	/	=0.5
BV-CC40D			443mA				

Protection ▶

Model No.	Over Load Protection	Over Circuit Protection	Over Voltage Protection	Over Temperature Protection
BV-CC30D	YES	YES	YES	YES
BV-CC40D				

Environment ▶

Model No.	Working Temperature	Working Humidity	Storage Temperature / Humidity	IP Grade	Vibration Feature
BV-CC30D	Tcase=-20~+60°C	20%~80%RH	-40°C~+80°C, 10%~95%RH	IP53	10~500HZ,3.5mm,60minutes (for X, Y, Z each axis)
BV-CC40D					

Safety & EMC ▶

Model No.	Safety Standard	Dielectric Strength(I/P-O/P)	Dielectric Strength(I/P-Case)	Isolation Resistance	Grounding Resistance	EMC	MTBF
BV-CC30D	/	/	/	50MΩ / 500VDC	≤0.1Ω	/	≥20000hrs
BV-CC40D							

Other Parameters ▶

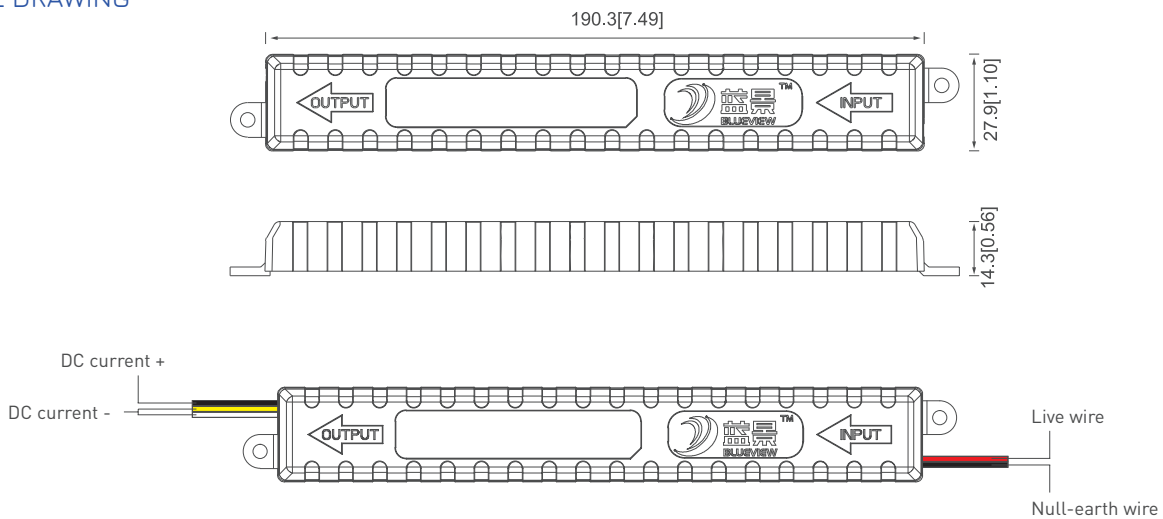
Model No.	Product Size L*W*H	Net Weight
BV-CC30D	190.3*27.9*14.3mm	/ kg
BV-CC40D		

Communication Method ▶

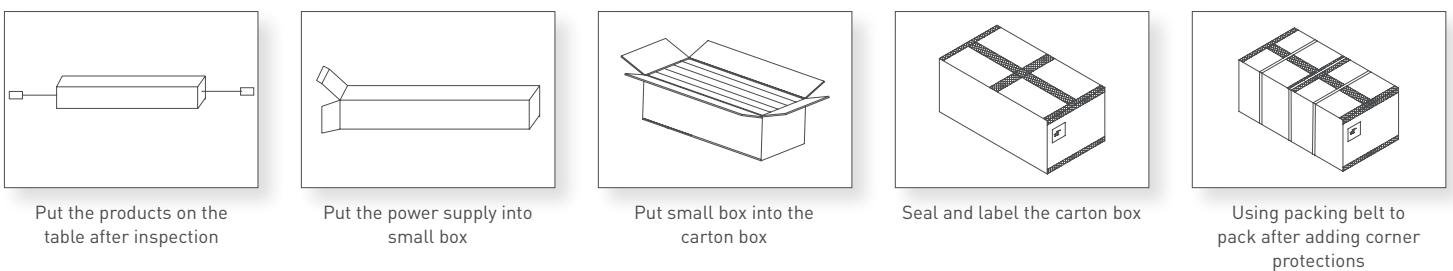
Model No.	APP
BV-CC30D	Smart Life/Blueview Smart Control
BV-CC40D	

PROFILE DRAWING

unit: mm[inch]



PACKING



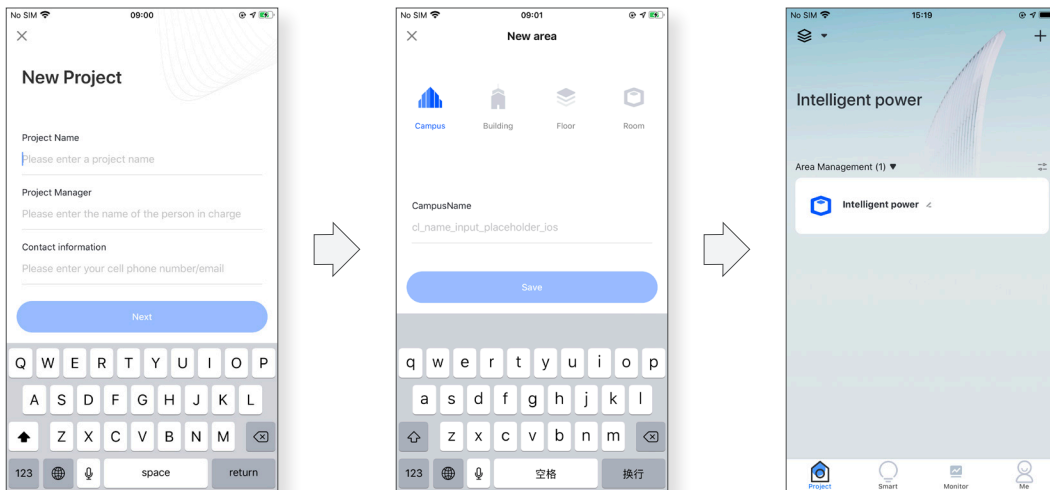
NETWORK ACCESS SETTINGS (Make sure the power supply is well mounted)

Scan to download APP,create new account



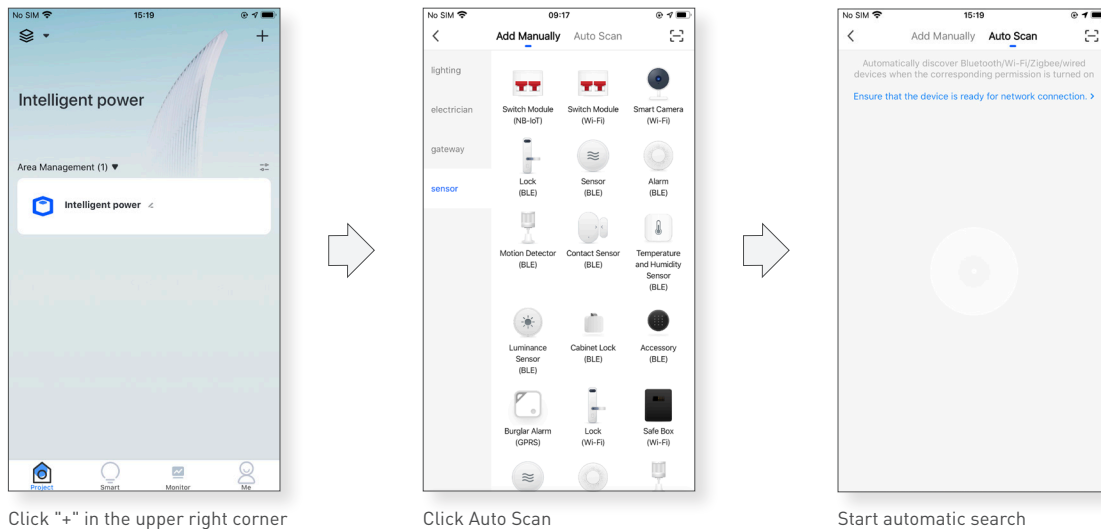
Create project

Create new project:Click "add project", and fill in information, click "save"



Note: if you want to delete a project, please remove all connected devices before deleting it. Otherwise, some devices need to be returned to the factory for reset (such as smart circuit breaker)

Add device: smart circuit breaker

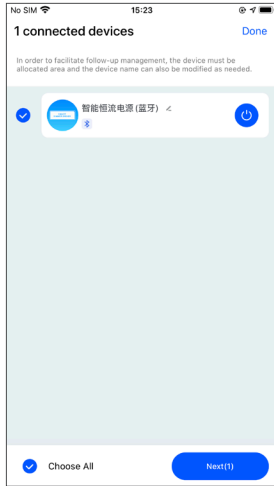


Click "+" in the upper right corner

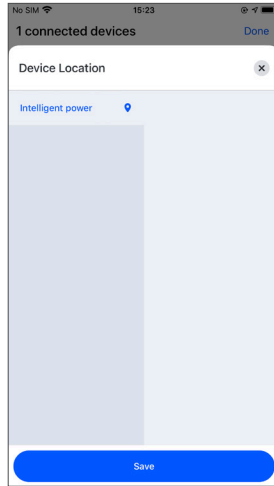
Click Auto Scan

Start automatic search

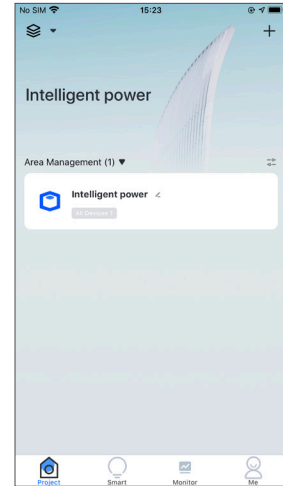
Device partition management



Click "Done"

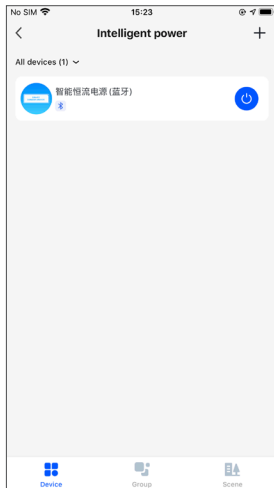


Select connected device

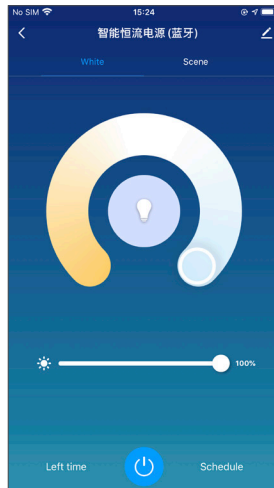


Choose space and "save"

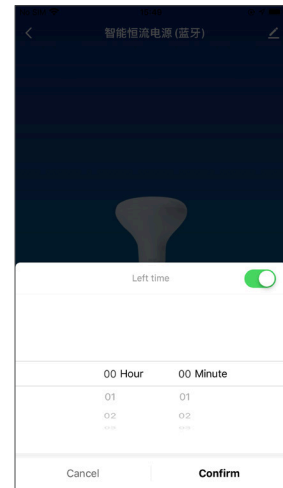
Device function - timing



Entering established space
Choose the device to be timed.

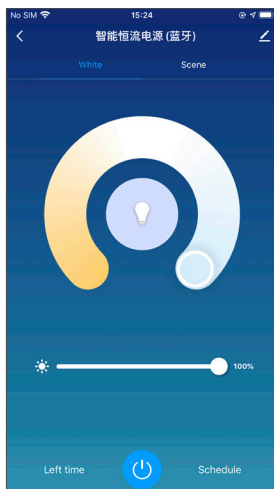


Click "Left time"

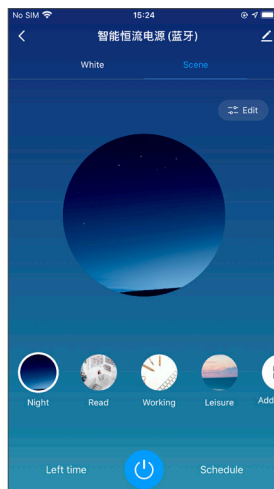


Time setting

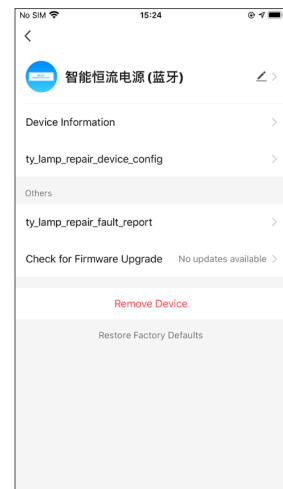
Other device functions



On-off control, CCT adjustment



Scene editing settings



Device information and name editing

MOUNTING PRECAUTIONS

- Before power on, ensure the lamps are connected well.
- Please cut off the power before installing the product to prevent electric shock.
- This product is limited to indoor use, pay attention to waterproof.
- Please use it within the specified voltage range to avoid the power being burnt out.
- Products should be avoided in high temperature, high humidity, high corrosion place, so as not to affect the product lifetime.
- The product should not be installed in the metal shielding place, so as not to affect the Bluetooth signal.
- If the mobile app can't connect to the power supply device during the initial use of the client, please press the reset button on the power supply.
- Long press the reset button on the power supply for 5 seconds to restore the factory settings.

WARRANTY ORDINANCE

In case of product performance failure caused by non-human damage during the warranty period, you can ask for the following normal after-sales services:

- Within 7 days of purchase, if there is a product quality problem, consumers can choose to install the invoice price for one-time return or exchange or replace the product with the same model and specification
- If you apply for 7 days no reason to return the product, please use it carefully to ensure that the product itself, attached accessories, product appearance and packaging are not scratched or damaged.
- Within 15 days of purchase, if product quality problems occur, consumers can choose to replace products with the same model and specifications
- During the free warranty period, after the product is returned, the product will be subject to quality inspection. After the fault is confirmed, the product can be repaired, refurbished or replaced; for the product that is tested correctly, it will be returned as it is.

One of the following situations (including but not limited to) is not within the scope of normal after-sales services:

- No "Three Guarantees" voucher or missing valid invoices or exceeding the "Three Guarantees" service period.
- Losses caused by force majeure such as fire, flood, earthquake, etc.
- The product is damaged by external factors or man-made actions, such as mechanical damage caused by water ingress, severe oxygen deficiency or rusting of the product, etc.
- Product failure caused by self-disassembly and destruction.
- Product failure or loss caused by installation and use not in accordance with the requirements of the product manual.
- The product model or actual product on the warranty certificate does not match, or has been altered.
- The product cannot be used normally due to the consumer's own mobile phone model or version.
- The damage caused by the transportation, loading and unloading on the way back to the factory for maintenance.
- Other non-product's own design, technology, manufacturing, quality and other problems caused failure or damage.

STATEMENTS AND RECYCLING

Statement

- If the external wire of this product is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person to avoid danger.
- The technical parameters given in this manual are all typical values and are for reference only. The specific parameters are subject to the actual measurement report.
- All product illustrations in this manual are schematic diagrams, and the specifics are subject to the actual goods received.
- This product is subject to change without notice

Recycling

- LED lighting products belongs to electronic products, please do recycling treatment according to the relevant WEEE directives.

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