



# V-1™ Canopy Light



SKU	DLC Model #
156848	BLT-CP3C-150WSBSA1-WH57

The V-1 LED Canopy Light from Beyond LED Technology is one of our top-selling products, setting the benchmark for economical performance and energy efficiency in commercial canopy lighting. Engineered for maximum energy savings, it delivers an impressive output of up to 130 lumens per watt, ensuring optimal illumination for a wide range of applications. With its sleek, durable design, the V-1 is built to withstand the demanding environments of commercial spaces, including gas stations, while delivering superior lighting quality. Equipped with fasteners and a locking collar, the V-1 ensures a secure, water-tight fit, making it ideal for long-term use in outdoor conditions. Designed for flexible installation, the V-1 can be mounted either directly on the surface or recessed, giving you the flexibility to choose the best setup for your space. With 150W power, 5700K CCT, and 0-10V dimming, the V-1 offers customizable lighting control, making it perfect for areas like gas stations, parking lots, and general commercial lighting.

## Product Features

- Up to 130 lm/W
- 150 Watt
- 5700K CCT
- 0-10V Dimmable
- 110° Beam Angle
- Built-in 10KV surge protector
- Sosen VA driver
- Direct surface or recessed mount
- White housing
- Input Voltage 120-277VAC
- UL & DLC listed
- 5-year warranty



# Canopy Light



SKU	ADJ. WATT	MAX LUMENS	CCT	INPUT VOLTAGE	CRI	LIGHT SPREAD	CONSTRUCTION	DIMMING	IP RATING	CERTIFICATIONS
156848	150W	22950	5700K	120-277V	>80	110°	Die-cast Aluminum+PC	0-10V	IP65	UL & DLC

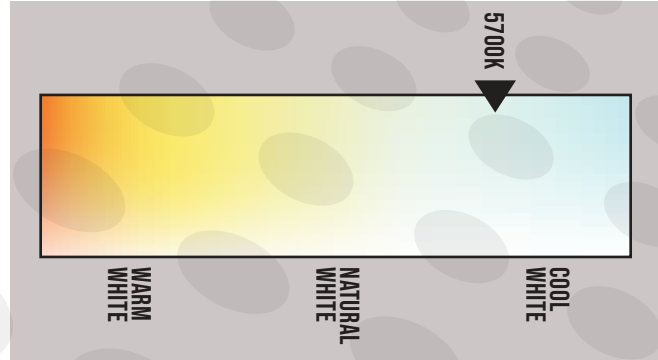
## Specifications

Parameter	Description	Value
General Performance	Model #	BLT-CP3C-150WSBSA1-WH57
	Watt	150W
	Max Lumens	Max 22950LM
	Lumen Efficacy	Up to 153LM/W
	Color Temperature	5700K
	CRI (Ra)	>80
	Light Spread	110°
	Diffuser Type	PC Lens
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	THD (Tolerance: +5%)	≤20%
	Dimming	0-10V
	Power Factor	≥0.9
	Driver Brand	SOSEN
	Driver Model	SS-160NH-E260BH
	Driver Surge Protection	L/N-PE: 6kV, L-N: 6kV
Physical	Flicker Percent	<5%
	Operating Temperature	-40°C TO +45°C
	Operating Humidity	20% - 90% RH
	Storage Temperature	-40°C TO 80°C
	Storage Humidity	10% - 95% RH
	LED Brand	Lumileds
	LED Type	SMD2835 (1W)
	LED QTY	275 PCS
Qualification	Construction	Die-cast Aluminum
	Housing Color	White
	IP Rating	IP65
	Warranty	5 Year Warranty

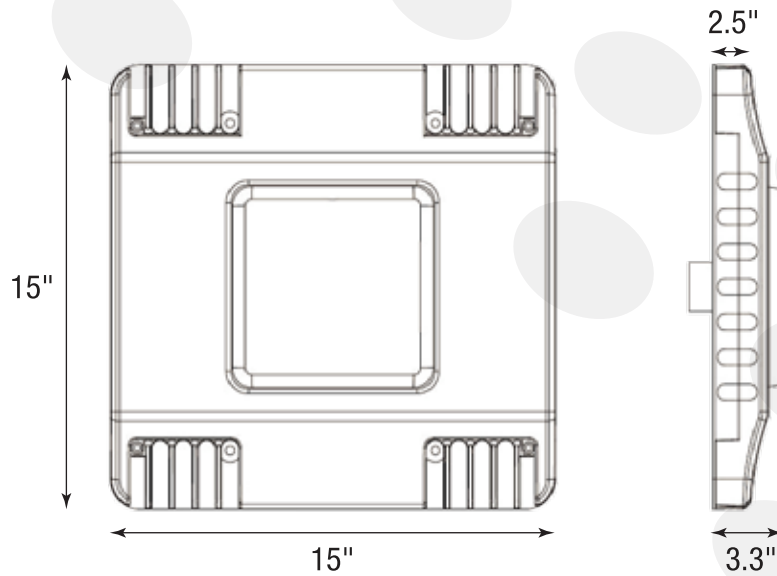


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## Correlated Color Temperature (CCT)

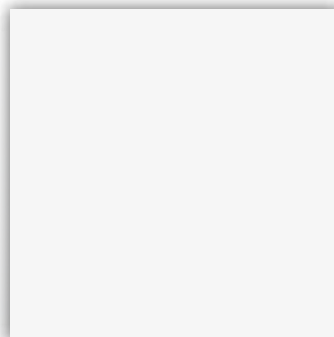


## Dimensions



## Optional Accessories

**Canopy Plate**  
SKU: 156958





### Photometric Data

#### Luminaire Property

Luminaire Manufacturer:  
 Luminaire Category:  
 Lamp Catalog:  
 Number of Lamps:  
 Luminous Length (mm):  
 Luminous Height (mm):  
 Current: 1.235 A  
 Power Factor: 0.999

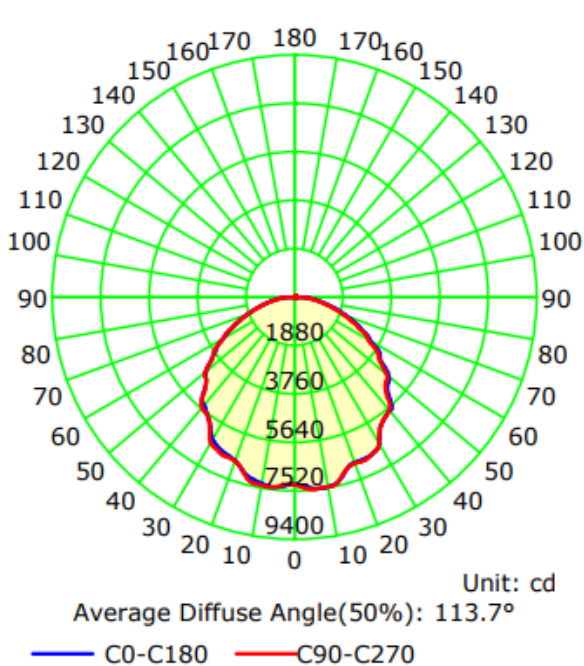
Luminaire Description:  
 Lamp Description:  
 Lumens per Lamp:  
 Luminous Width (mm):  
 Voltage: 120.0 V  
 Power: 148.04 W

#### Photometric Results

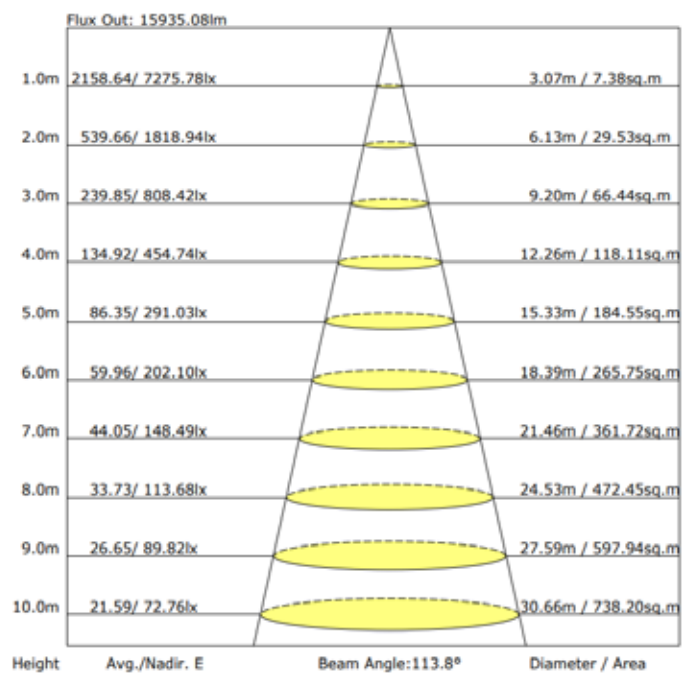
IES Classification: Type II  
 Total Rated Lamp Lumens: 21993.6 lm  
 Efficiency: 100%  
 Upward Ratio: 1%  
 C0r0 Intensity: 7275.78 cd  
 Pos of Max. Intensity: H45 V6  
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.8, 113.5, 111.7, 110.6

Longitudinal Classification: Very Short  
 Measurement Flux: 21993.6 lm  
 Downward Ratio: 99%  
 Luminaire Efficacy Rating (LER): 148.62  
 Max. Intensity: 7520.74 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure





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## Installation

### Cautions:

1. Can not use the electric generator to test the LED light.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

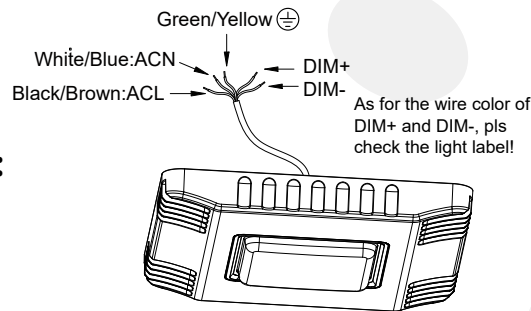
### Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electric knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

### Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.
3. The installation of the product can be used when it is marked with “√”

### Wiring Diagram:



### ✓ Installation Method I:

1. Fix one side of the accessory safety rope on the back of the fixture (Figure 1).
2. Use electric drill to set fixed holes through the ceiling (Figure 2).
3. Fix another side of safety rope on the ceiling, then connect the wire of fixture to main supply according to local electrical connection mode, make sure good protection on the wire joint, after that, fix the fixture on the ceiling with accessory screws (Figure 3).

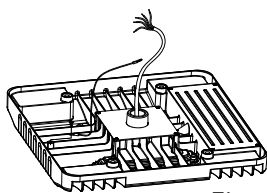


Figure 1

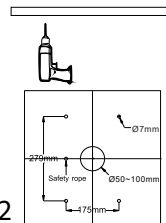


Figure 2

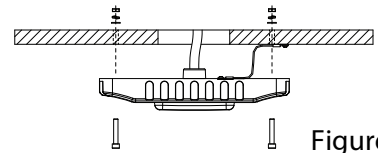


Figure 3

# V-1™ Canopy Light



## Installation

### ✓ Installation Method II:

1. Connect the wiring to the local power supply in the 3/4"NPT Stem (Figure 4).
2. Screw the fixture to the 3/4"NPT Stem (Figure 5).

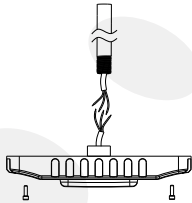


Figure 4

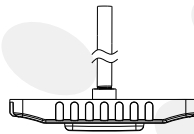


Figure 5

### □ Installation Method III:

- I: 1. Fix the mounting bracket on the back of fixture by supplied screws. (Figure 6)
2. Unscrew the nut from customer supplied 3/4"NPT stem, make the stem hole on mounting bracket through 3/4"NPT stem, then screw the nut back to 3/4"NPT, and fix it. (Figure 7)
3. Make wiring connections per "Electrical Connections" section and make sure the good wire protection.

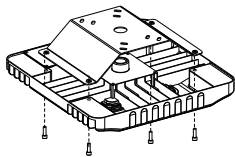


Figure 6

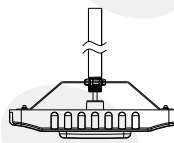


Figure 7

- II: 1. Drill the alignment holes on the top ceiling, make them match to the holes on mounting bracket. (Figure 8)
2. Insert the supplied rubbers into the alignment holes, then fix the mounting plate on the ceiling by supplied screws. (Figure 9)
3. Mount the fixture on the mounting plate by supplied screws. (Figure 10)
4. Make wiring connections per "Electrical Connections" section and make sure the good wire protection.

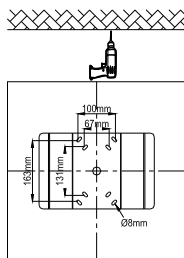


Figure 8

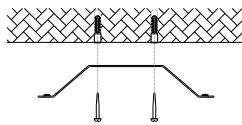


Figure 9

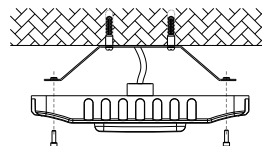


Figure 10



# V-1™

## Canopy Light

### Installation

#### User Notice:

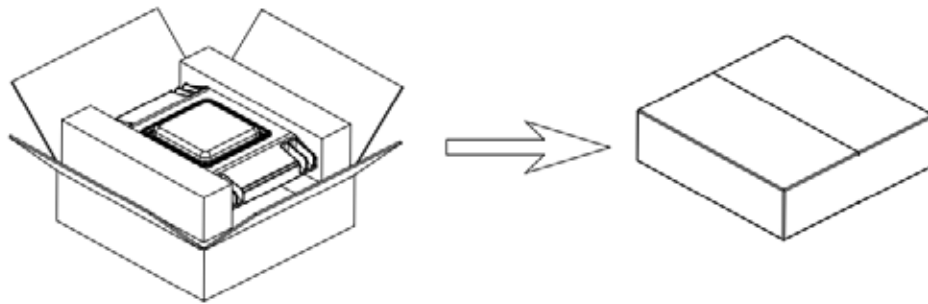
- User Notice • Please turn off the power before installing or changing assembly parts.
- The input voltage and lamps should be matching. Before connecting the power line, please make sure the wiring section is insulated.
- Only professionals should install and disassemble the lamps.

#### Trouble Shooting:

Troubles	Check Points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.

### Packaging

SKU	Box Dimensions	Qty	Net Weight	Gross Weight
156848	17.32" x 16.93" x 4.72"	1 Pc/Box	8.53LBS	9.52LBS



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## Application



CANOPY LIGHT

## Warranty

This product is covered under a 5-year warranty. For complete warranty details, [Click Here.](#)