



V1™ LED Canopy Light



Beyond LED's V1 Canopy Luminaire is the most economic fixture of its kind, and offers exceptional performance, efficiency, and a unique design. Features such as high lumens per watt, outstanding efficacy, and field serviceability, make it an ideal commercial canopy solution. The contractor-friendly V1 canopy luminaire includes fasteners and a locking collar, making installation easy, secure and water-tight. It can be surface mounted easily from below the canopy deck and also has the ability to be pendant mounted.

Product Features

- Up to 153 Lumens per watt
- Die-cast aluminum housing
- Direct surface or recessed mount
- IP65 Rated
- Easy to install and operate
- No UV or IR in the beam.
- Instant start, NO flickering, NO humming
- Input Voltage 120-277Vac, 50/60Hz
- UL & DLC Listed
- 5 Year warranty



V1™

LED Canopy Light

SKU #	Model #	Wattage	Lumens	CCT	IP	Housing	Input Voltage	Certifications
156848	BLT-CP3C-150WSB SA1-WH57	150W	Max 22950Lm	5700K	IP65	White	120V-277V	UL & DLC

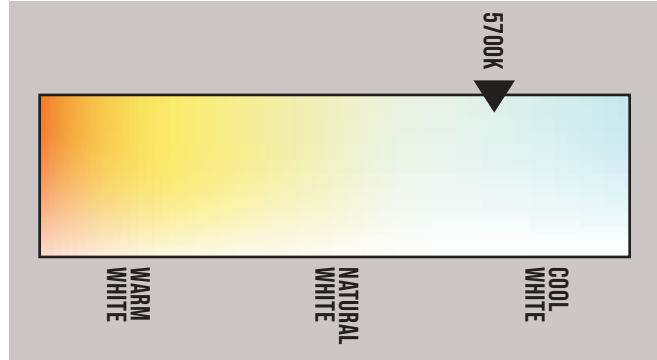
Specifications

Parameter	Description	Value
General Performance	Model #	BLT-CP3C-150WSBSA1-WH57
	Wattage	150W
	Lumen	Max 22950LM
	Lumen Efficacy	Up to 153LM/W
	Color Temperature	5700K
	CRI (Ra)	>80
	Beam Angle	110° Degree
	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
Flicker Percent	<5%	
Physical	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
Housing	Die-cast Aluminum	
Qualification	Housing Color	White
	IP Rating	IP65
	Warranty	5 Year Warranty

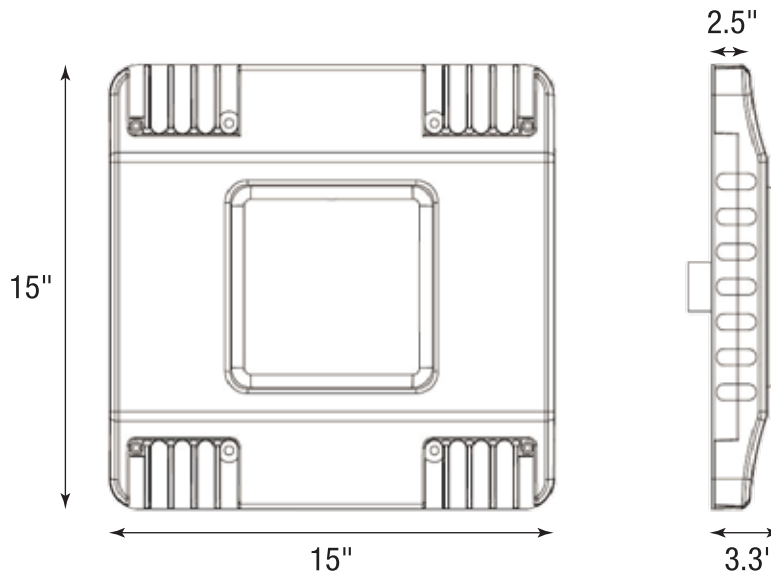


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Correlated Color Temperature (CCT)

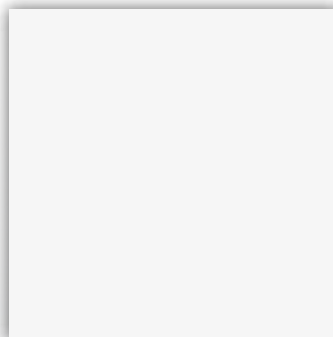


Dimensions



Optional Accessories

Canopy Plate
SKU: 156958



V1™ LED Canopy Light



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

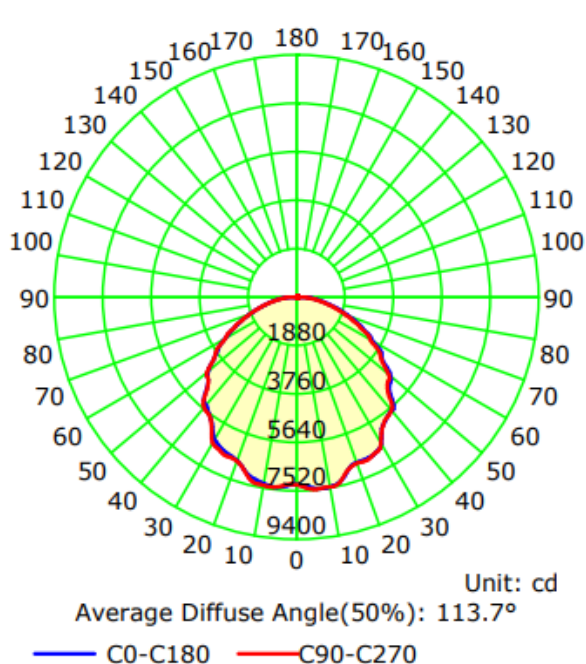
Measurement Flux: 21993.6 lm

Downward Ratio: 99%

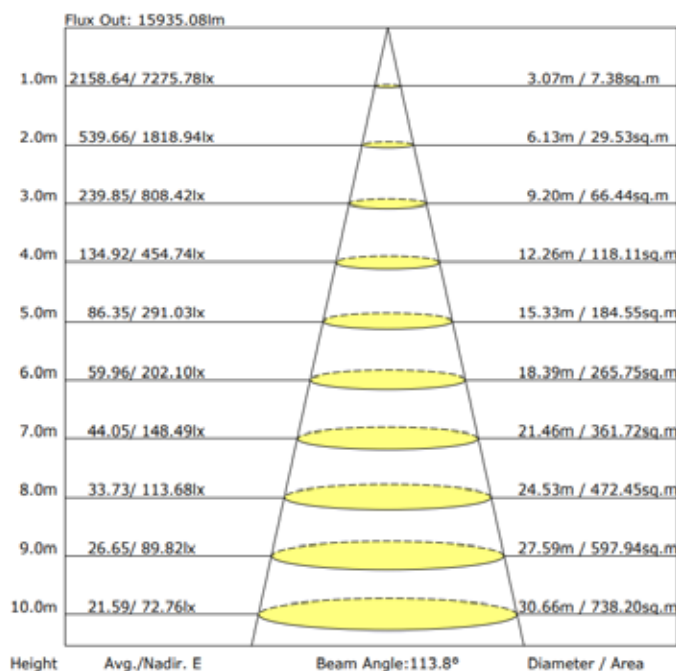
Luminaire Efficacy Rating (LER): 148.62

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.

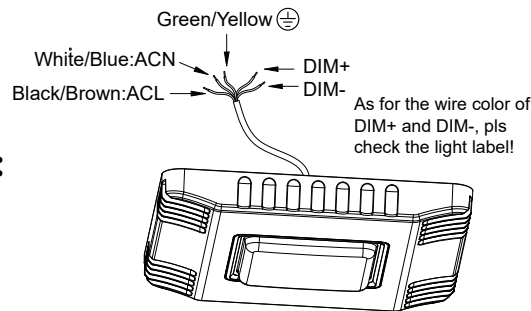
Notice:

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).

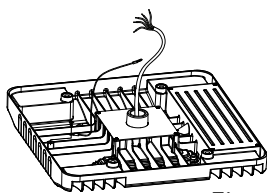


Figure 1

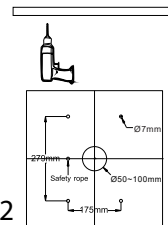


Figure 2

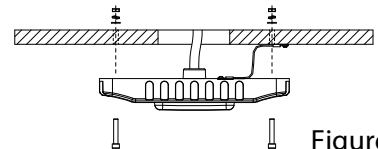


Figure 3

V1™ LED 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).

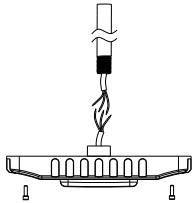


Figure 4

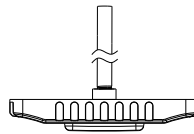


Figure 5

□ 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.

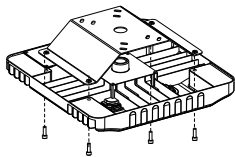


Figure 6

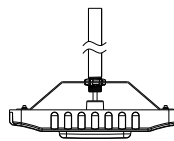


Figure 7

- 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.

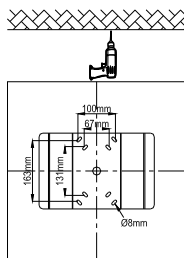


Figure 8

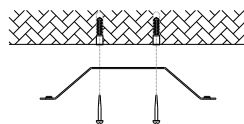


Figure 9

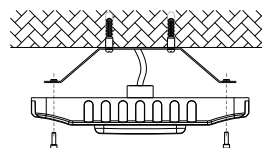


Figure 10



V1™ LED Canopy Light

Installation

User Notice:

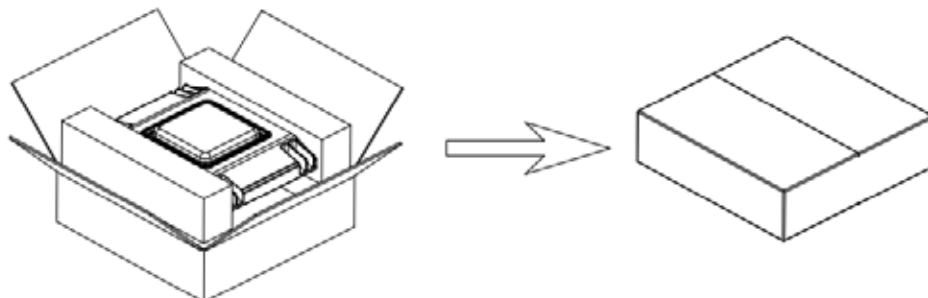
- User Notice • Please turn off the power before installing or changing assembly parts.
- The input voltage and lamps should be matching. Before connecting the power line, please make sure the wiring section is insulated.
- Only professionals should install and disassemble the lamps.

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

Box Style	Box Dimensions	Qty/Box	Net Weight	Gross Weight
Outer Box	17.32 x 16.93 x 4.72	1 Pcs/Box	8.53 LBS	9.52 LBS



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Application



LED CANOPY LIGHT