

LED Canopy Light



Lumens Depot LED Canopy Light is a top-performing solution designed to deliver outstanding value, energy efficiency, and reliable performance for commercial canopy lighting.

Engineered for maximum efficiency, it provides up to 130 lumens per watt, ensuring bright, consistent illumination while reducing energy costs. Its sleek and durable design is built to handle demanding commercial environments, including gas stations and high-traffic areas.

For secure and long-lasting installation, the fixture includes pre-installed fasteners and a locking collar, ensuring a tight, water-resistant fit suitable for outdoor use. It supports both surface mounting and recessed installation, offering flexibility to meet different project requirements.

With 150W power, 5700K CCT, and 0–10V dimming capability, this canopy light provides customizable lighting control for optimal performance across various applications.

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

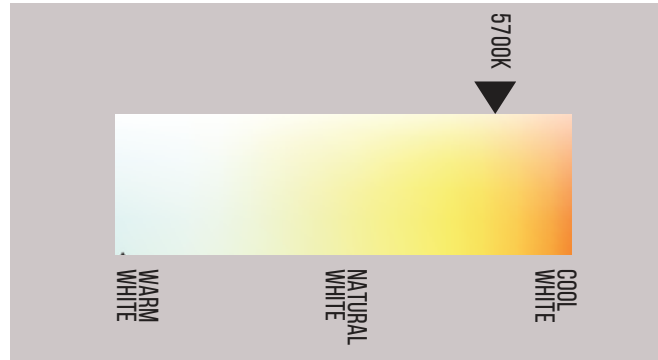
LED Canopy Light

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

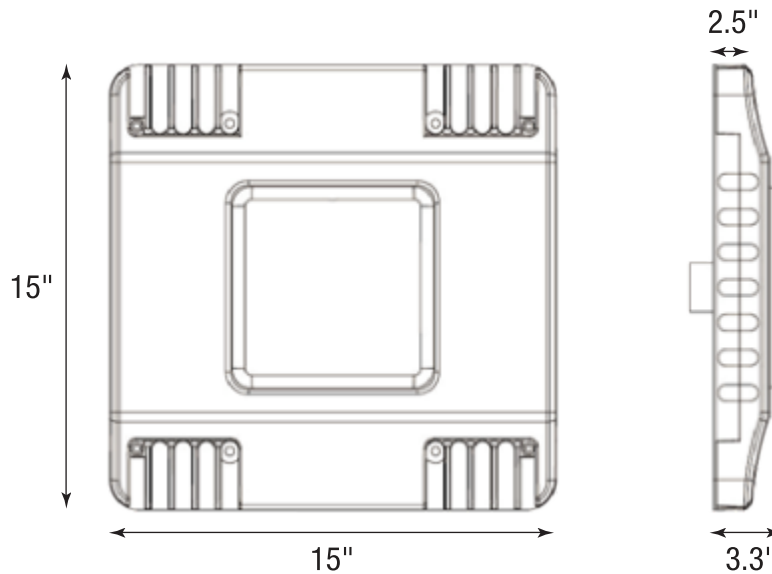
Parameter	Description	Value
General Performance	Model #	BLT-CP3C-150WSBSA1-WH57
	Watt	150W
	Max Lumens	Max 22950LM
	Lumen Efficacy	Up to 153LM/W
	Color Temperature	5700K
	CRI (Ra)	>80
	Light Spread	110°
	Diffuser Type	PC Lens
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	THD (Tolerance: +5%)	≤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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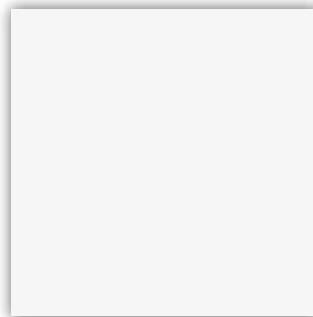
Correlated Color Temperature (CCT)



Dimensions



Optional Accessories



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

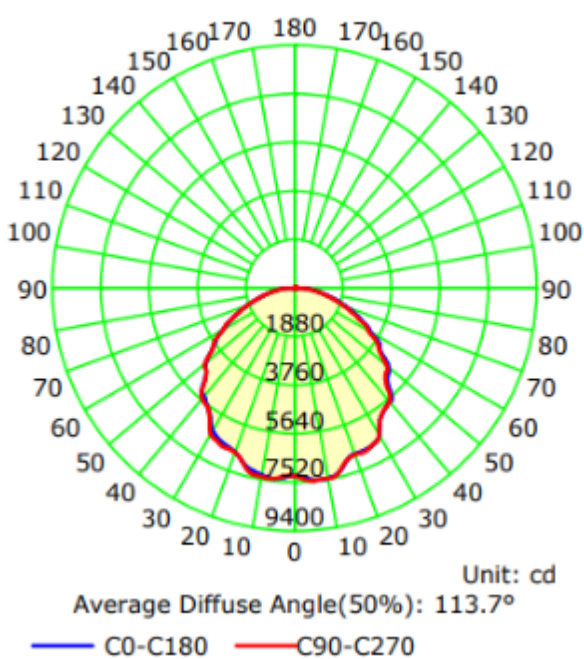
Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm):
 Voltage: 120.0 V
 Power: 148.04 W

Photometric Results

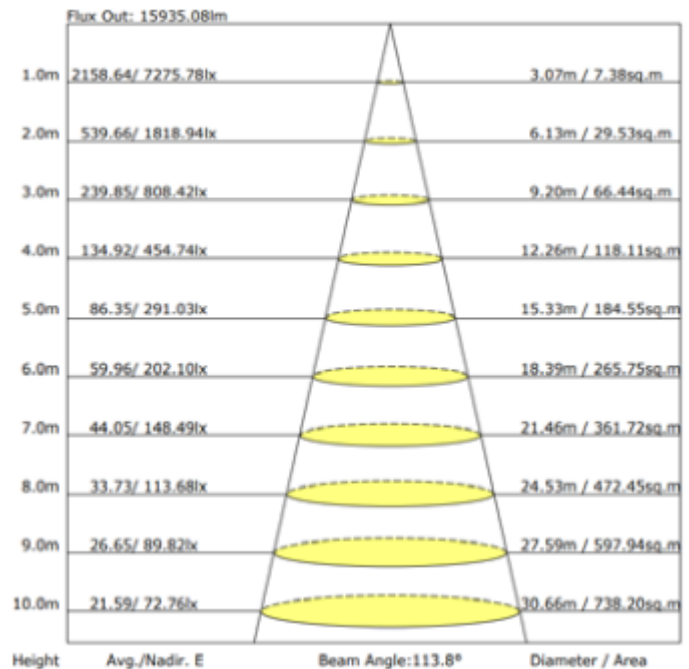
IES Classification: Typell
 Total Rated Lamp Lumens: 21993.6 lm
 Efficiency: 100%
 Upward Ratio: 1%
 C0r0 Intensity: 7275.78 cd
 Pos of Max. Intensity: H45 V6
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.8, 113.5, 111.7, 110.6

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



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.

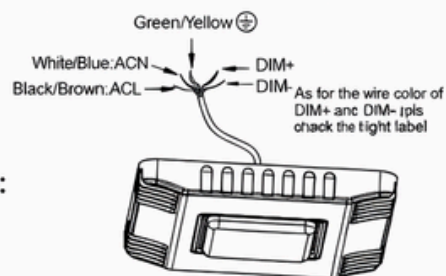
Notice:

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 of 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

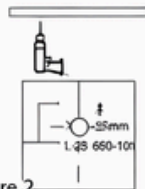


Figure 2

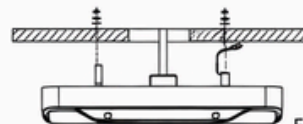


Figure 3

✓ Installation Method I:

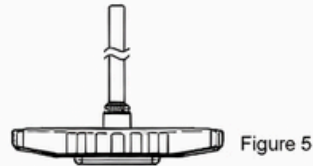
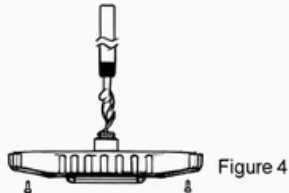
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Installation

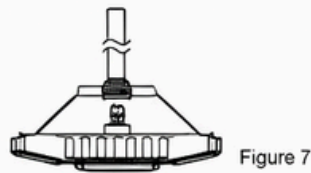
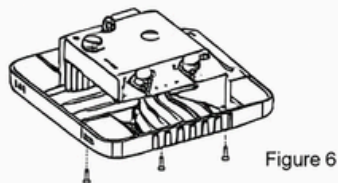
✓ Installation Method II:

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).



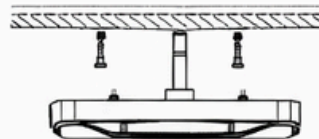
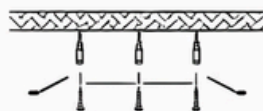
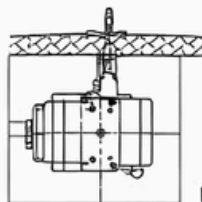
✓ Installation Method III:

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 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.



- II:**
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.

- III:**
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.



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Installation

User Notice:

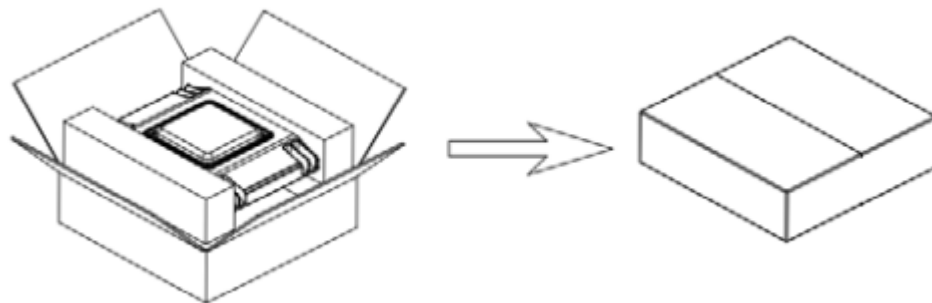
- User Notice • Please turn o the power before installing or changing assembly parts.
- The input voltage and lamps should be matching. Before connecting the power line, please make sure the wiring section is insulated.
- Only professionals should install and disassemble the lamps.

Trouble Shooting:

Troubles	Check Points
Flickering of the light	Turn o 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 Dimensions	Qty	Net Weight	Gross Weight
17.32" x 16.93" x 4.72"	1 Pc/Box	8.53LBS	9.52LBS



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Application

