

LED Canopy Light



Lumens Depot LED Canopy Light is a high-performance lighting solution engineered for superior efficiency and dependable performance in commercial canopy applications.

Delivering up to 156 lumens per watt, it sets a new benchmark for energy savings while providing bright, uniform illumination—ideal for gas stations, parking areas, and other commercial environments.

Designed for easy installation, the fixture includes a secure locking collar, integrated J-box, and pre-installed fasteners, ensuring a quick and reliable setup. It supports both surface mounting and pendant mounting, offering flexibility for various installation requirements.

Equipped with 0–10V dimming, an IP65 rating, and UL & DLC certifications, this canopy light is built for long-term outdoor durability and qualifies for energy rebate programs.

Product Features

- Up to 156 lm/W
- 180 Watt
- 5700K CCT
- 0-10V Dimmable
- 110° Beam Angle
- Built-in 10KV surge protector
- Includes J-Box
- Matte lens
- White housing
- Input Voltage 120-277VAC
- UL & DLC listed
- 5-year warranty

LED Canopy Light

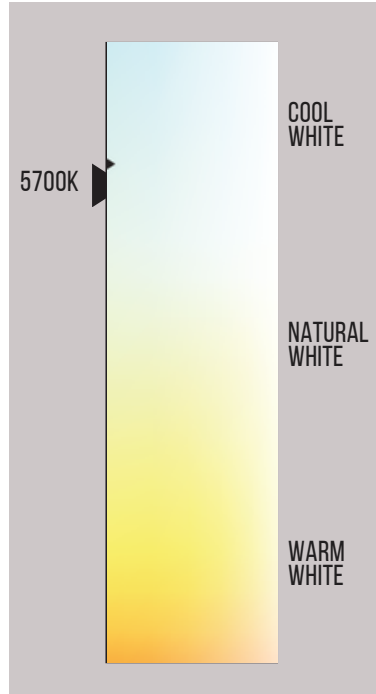
WATT	MAX LUMENS	CCT	INPUT VOLTAGE	CRI	LIGHT SPREAD	CONSTRUCTION	DIMMING	IP RATING	CERTIFICATIONS
180W	28080	5700K	120-277V	>80	110°	<i>Die-cast Aluminum</i>	0-10V	IP65	UL & DLC

Specifications

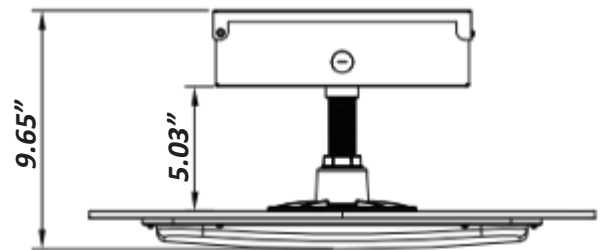
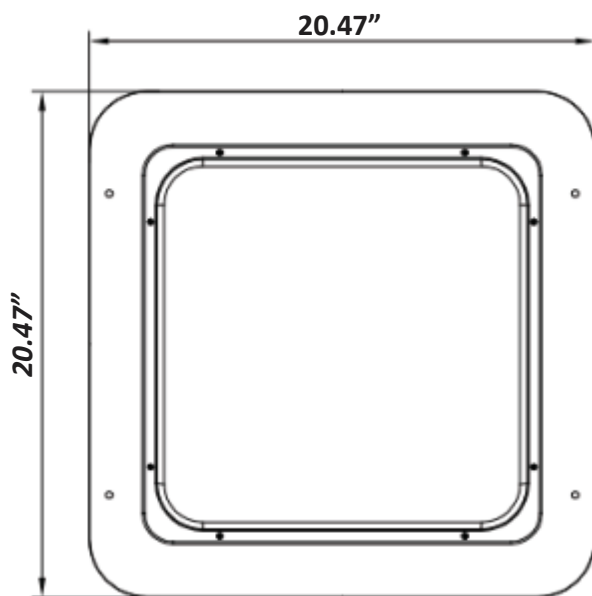
Parameter	Description	Value
General Performance	Model #	AST-CP02B-180WSBMA3-WH57
	Watt	180W
	Max Lumens	28080
	Lumen Efficacy	Up to 156LM/W
	Color Temperature	5700K
	CRI (Ra)	>80
	Light Spread	110o
Electrical	Diffuser Type	Matte lens
	Input Voltage	120-277Vac
	Frequency	50/60Hz
	THD (Tolerance: +5%)	≤20%
	Dimming	0-10V
	Power Factor	≥0.9
	Driver Brand	SOSEN
	Driver Model	SS-200NH-E260BH
Physical	Driver Surge Protection	L/N-PE: 6kV, L-N: 6kV
	Flicker Percent	<5%
	Operating Temperature	-40oC To 40oC
	Operating Humidity	20% - 90% RH
	Storage Temperature	-40oC TO 80oC
	Storage Humidity	-10% - 95% RH
	LED Brand	LUMILEDS
	LED Type	SMD2835
Qualification	LED QTY	1110 PCS
	Construction	Die-cast Aluminum
	Housing Color	White
	IP Rating	IP65
Warranty	5 Year	

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Correlated Color Temperature (CCT)



Dimensions



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Photometric Data

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.444 A
Power Factor: 0.999

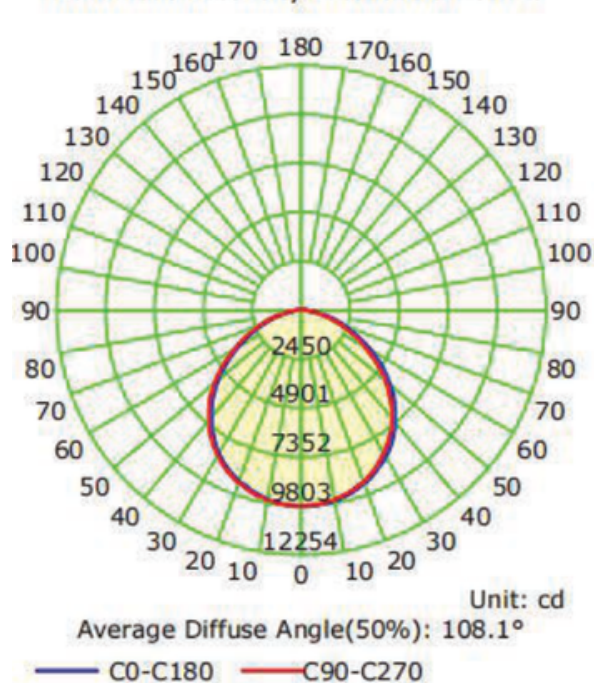
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0V
Power: 173.07W

Photometric Results

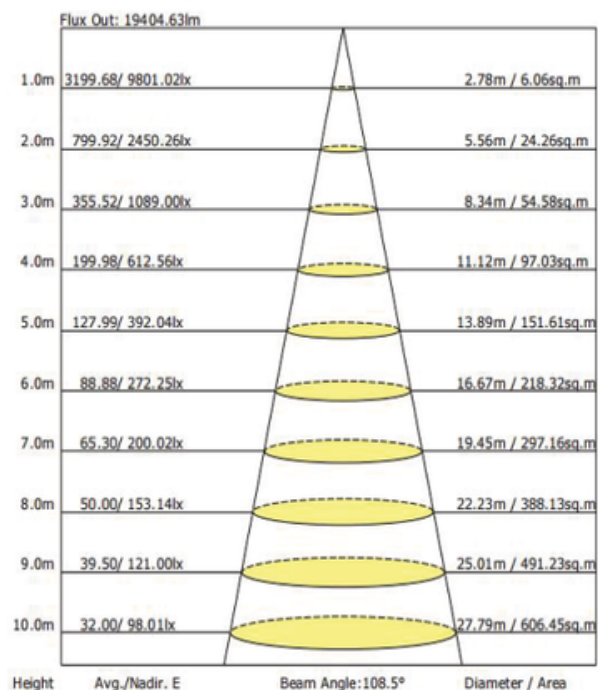
IES Classification: Typell
Total Rated Lamp Lumens: 26884.7 lm
Efficiency: 100%
Upward Ratio: 1%
C0r0 Intensity: 9801.02 cd
Pos of Max. Intensity: H315 V1
Max. Intensity: H315 V1
Beam Angle(C0/C180,C90/C270,C45/C225,C135/135: 108.5, 107.6, 108.1, 108.1

Longitudinal Classification: Very Short
Measurement Flux: 26884.7 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 155.39
Max. Intensity: 9803.24 cd

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



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Installation Instruction

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Cautions:

1. Can not use the electric generator to test the LED lamp.
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.

Installation Steps

1. Screw the aluminum pipe into the heatsink. (Figure 1)

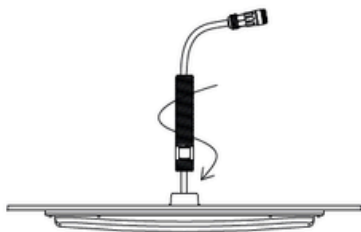


Figure 1

2. Screw the safety rope to heatsink by screwdriver. (Figure 2)



Figure 2

3. Drill the installation hole accordingly on the ceiling. (Figure 3)

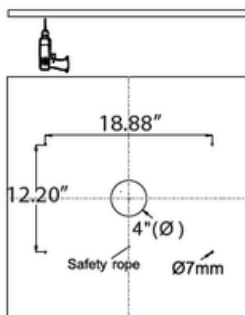


Figure 3

4. Lock the safety rope to the ceiling, assemble the installation plate to the aluminum pipe, then install led fixture. (Figure 4)

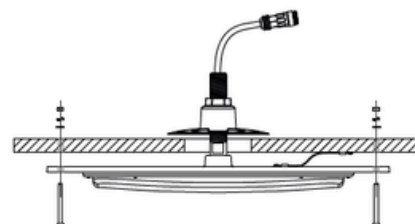


Figure 4

LED Canopy Light

Installation Instruction

5. Take the driver box apart by screwdriver. (Figure 5)

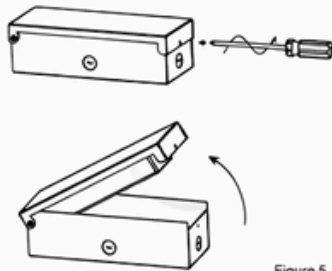


Figure 5

7. Connect the DC connector of led fixture with driver's DC connector. Remove the holes of the driver box if necessary. (Figure 7)

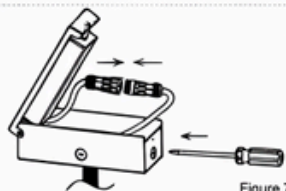


Figure 7

7. Connect the DC connector of led fixture with driver's DC connector. Remove the holes of the driver box if necessary. (Figure 7)

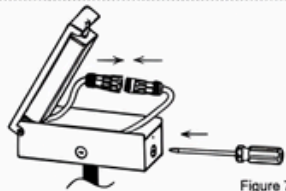


Figure 7

6. Assemble the 3/4 pipe nut to the aluminum pipe (fix the height and direction of driver box), across the DC connector through driver box, then screw the driver box onto the aluminum pipe. (Figure 6)

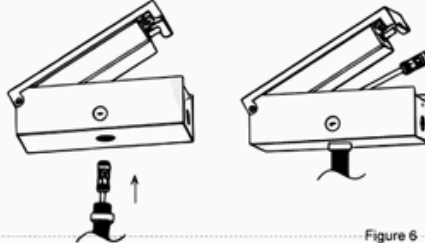


Figure 6

8. Connect the LED fixture to local power with necessary connector protection measures. (Figure 8)

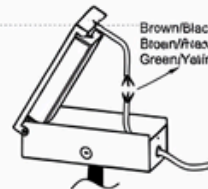


Figure 9

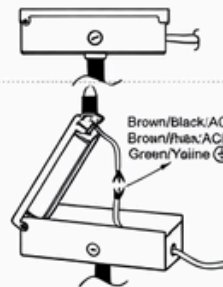


Figure 10

9. Finally, assemble the driver box. (Figure 9)(Figure 10)



Warning / Avertissement

MIN 75°C SUPPLY CONDUCTOR

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

LES FILS D'ALIMENTATION 75°C MIN

CE PRODUIT DOIT ÊTRE INSTALLÉ É. SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI VUE LES RISQUES INHÉRENTS.

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Notice For User

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamp

Trouble Shootings

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 Dimension 22.04" x 22.04" x 6.30"	Qty 1 Pc/Box	Net Weight 17.32LBS	Gross Weight 20.28LBS
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Application Images

