

LED Canopy Light



Lumens Depot LED Canopy Light is engineered for superior illumination, high efficiency, and long-lasting durability—making it an ideal choice for commercial canopy applications. Delivering up to 146 lumens per watt, this fixture maximizes energy savings while providing bright, consistent lighting for environments such as gas stations, parking garages, and covered commercial spaces.

Designed with contractors in mind, it features a secure locking collar and pre-installed fasteners for quick and hassle-free installation. It supports both surface mounting and pendant mounting, offering flexibility across different project requirements.

Built for tough conditions, the fixture includes a durable aluminum housing and polycarbonate (PC) lens, along with an IP65 rating to ensure reliable protection against dust, water, and environmental wear.

Product Features

- Up to 146 lm/W
- 150 Watt
- 5700K CCT
- 0-10V Dimmable
- 120° Beam Angle
- Built-in 10KV surge protector
- Direct surface or recessed mount
- 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
150W	22290	5700K	120-277V	>80	120°	Die-cast Aluminum+PC	0-10V	IP65	UL & DLC

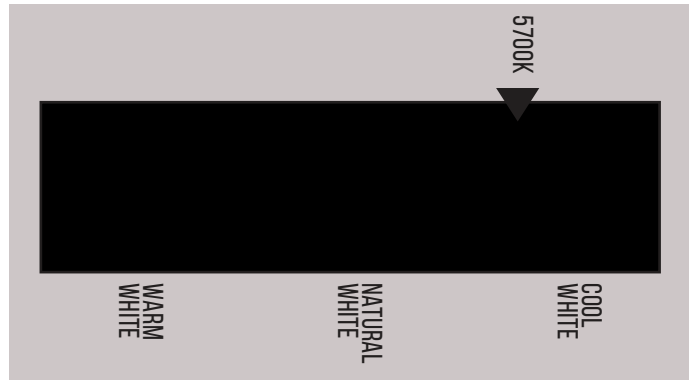
SKU: 155386

Specifications

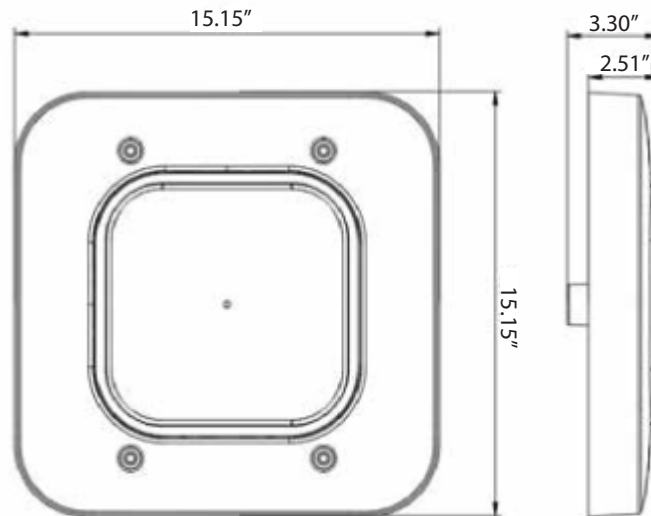
Parameter	Description	Value
General Performance	Model #	BLT-CP06-150WWASA1-a57
	Watt	150W
	Max Lumens	22290
	Lumen Efficacy	Up to 146LM/W
	Color Temperature	5700K
	CRI (Ra)	>80
	Light Spread	120o
	Diffuser Type	PC Lens
Electrical	Input Voltage	120-277Vac
	Frequency	50/60Hz
	THD	≤20%
	Dimming	0-10V
	Power Factor	≥0.9
	Driver Brand	TOSMART
	Driver Model	Beyond Brand Driver
	Driver Surge Protection	L-N 4KV,L/N-PE 4KV
Physical	Flicker Percent	≤30%
	Operating Temperature	-30oC - -50oC
	Operating Humidity	-40oC - 80oC
	Storage Temperature	20% - 90% RH
	Storage Humidity	10% - 95% RH
	LED Brand	LUMILEDS
	LED Type	SMD2835
	LED QTY	420 PCS
Qualification	Construction	Die-cast Aluminum
	Housing Color	White
	IP Rating	IP65
	Warranty	5 Year warranty

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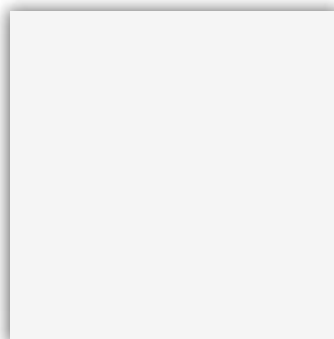
Correlated Color Temperature (CCT)



Dimensions

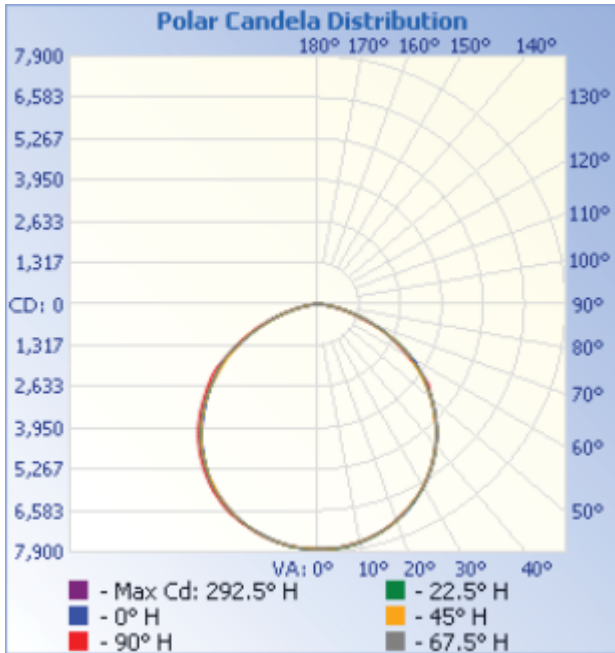


Optional Accessories



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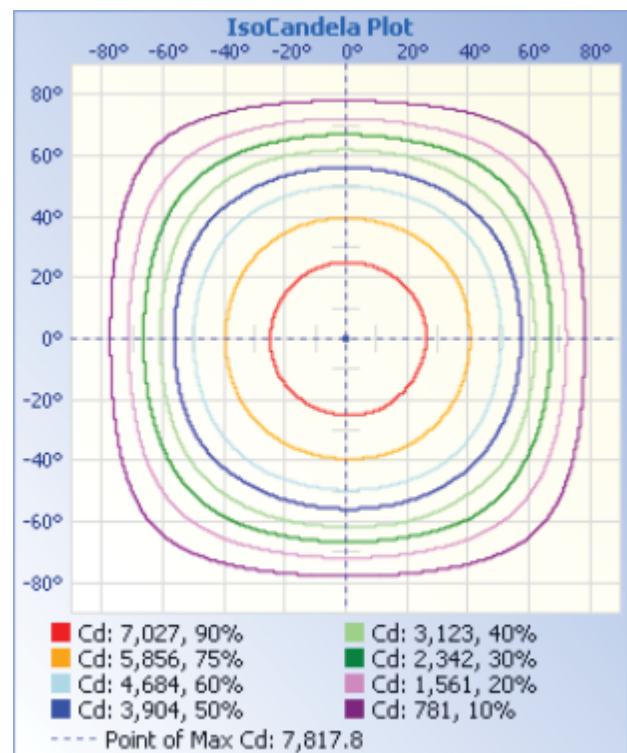
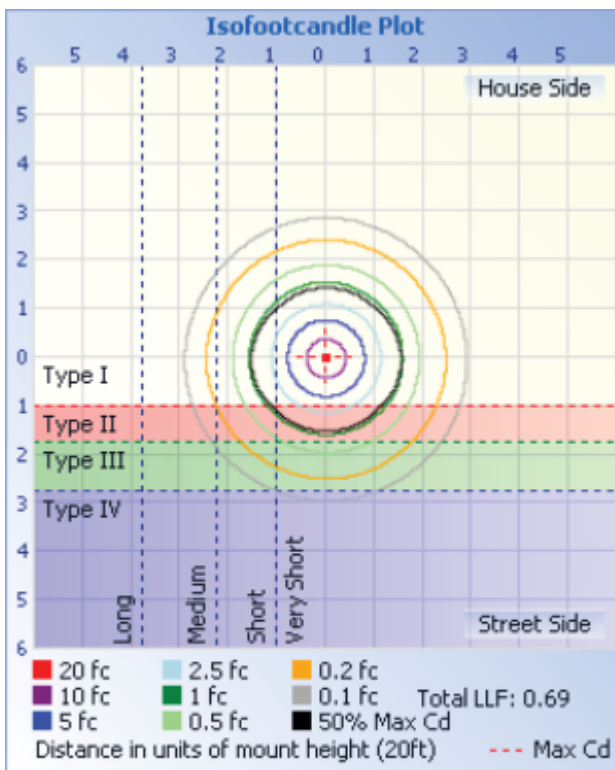
Photometric Data



Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	27.0 fc	50.6 ft	52.1 ft
34.0ft	6.75 fc	101.2 ft	104.3 ft
51.0ft	3.00 fc	151.8 ft	156.4 ft
68.0ft	1.69 fc	202.5 ft	208.5 ft
85.0ft	1.08 fc	253.1 ft	260.7 ft
102.0ft	0.75 fc	303.7 ft	312.8 ft

■ Vert. Spread: 112.2°
■ Horiz. Spread: 113.8°



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Light Distribution Testing Parameters

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): 240

Luminous Height (mm):

Current: 1.269 A

Power Factor: 0.994

Luminaire Description:

Lamp Description:

Lumens Per Lmap:

Luminous Width (mm): 240

Voltage: 120.0V

Power: 151.39W

Photometric Results

CIE Class: Direct

Measurement Flux: 21830.7 lm

Downward Ratio: 100%

Field Angle(C0.C180,C90/C270,C45/C225,C135/315): 155.5, 155.9, 155.5, 155.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 113.8, 112.2, 111.1, 111.4

Luminaire Efficacy Rating ((LER): 144.25

Max. Intensity: 7817.76 cd

S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 21830.7 lm

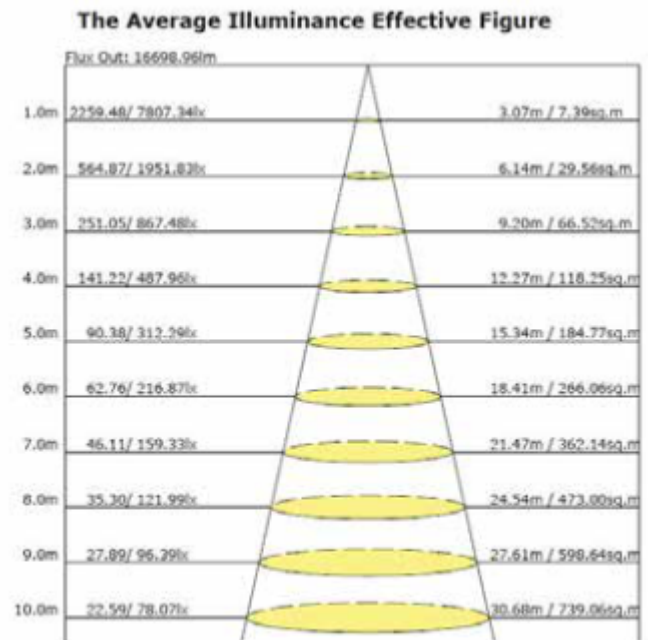
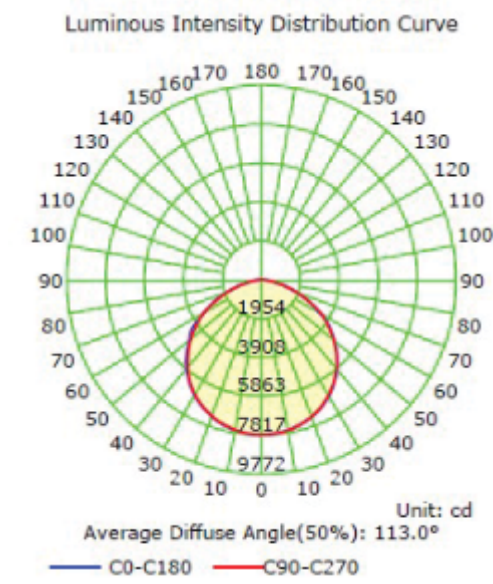
Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 7807.34 cd

Pos of Max IntensityL H22.5 V1

S/MH(C90/C270): 1.27



LED Canopy Light

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.

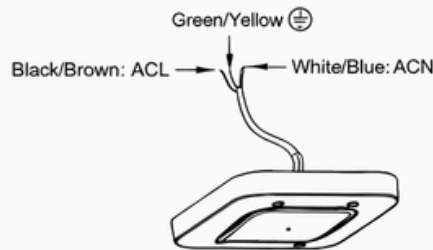
Notice:

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 install-

Wiring Diagram:



Wiring Diagram:

1. Fix one side of the accessory safety rope on the back of the fixture (Figure 1).

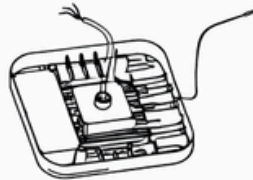


Figure 1

2. Use electric drill to set fixed holes through the ceiling (Figure 2).

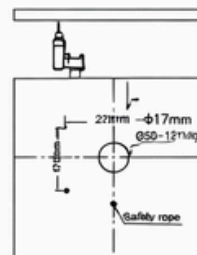
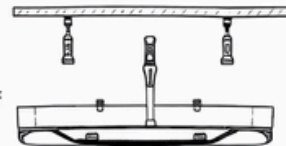


Figure 2

2. 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),

Installation Method:

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



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Notice For User

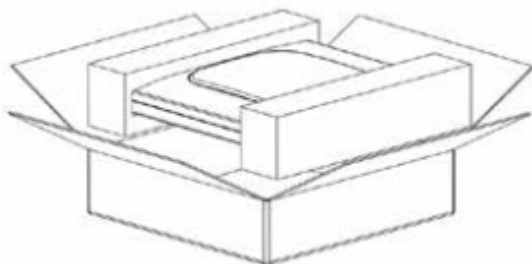
- Please turn off power before install or change assembly parts.
- The input voltage and luminaire should be matched, after connecting the power line. Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the luminaire.

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.

Package

SKU	Box Dimension	Qty	Net Weight	Gross Weight
155386	16.73" x 16.53" x 4.72"	1 Pc/Box	9.25LBS	10.80LBS



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Application

