



LED Industries, Inc.
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P/N: LI-CP06-150WWASA1-Ab

Note:

AST= Company name

CP06 = Product series, LED Canopy Light

120W = Rating Power

W= Driver manufacturer, TOSMART

A= LED manufacturer, LUMILEDS 2835

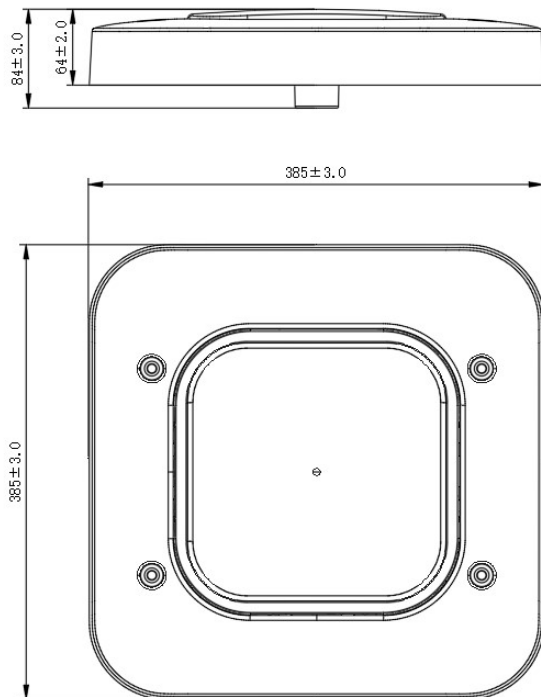
S = Cover type, Matte lens

A1 = Version number

a= Housing colors. WH=White, or Customized

b=CCT, 40=4000K,45=4500K,50=5000K,57=5700K

DIMENSIONS



ADVANTAGE

- UL cUL DLC-V5.1(Premium) certificate.
- LUMILEDS Chip, high CRI.
- Input voltage 120-277VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.

APPLICATION

- Widely used in gas station,service station, underground parking lot,warehouse,garage;
- Work floor,factory and so on.

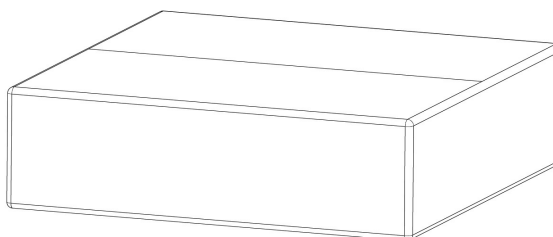
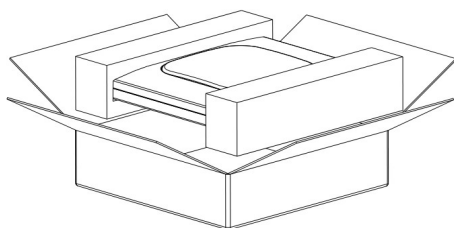
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	120W			
	Color Temperature	4000K	4500K	5000K	5700K
	Lumen (Tolerance : -10%)	16300 LM	16300 LM	16300 LM	16300 LM
	Efficacy (Tolerance : -3%)	135 LM/W	135 LM/W	135 LM/W	135 LM/W
	CRI	>80			
	Color Consistency	<6 Steps (or <6 SDCM)			
	Diffuser Type	PC Lens			
	Beam Angle (50%) (Tolerance : ±15%)	120 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz			
	PF (Tolerance : -3%)	≥0.9			
	THD (Tolerance : +5%)	≤20%			
	Flicker Percent	≤30%			
	Driver Brand	TOSMART			
	Driver Model	AST-CNB-120U-130V			
	Driver Surge protection	L-N 4KV,L/N-PE 4KV			
	Dimming	0-10V dimming standard			
	Sensor Type	No Sensor			
	Optional Accessory	No			
MATERIALS	LED Brand	LUMILEDS			
	LED Type	SMD2835			
	LED QTY	336 PCS			
	Housing	Die-cast aluminum			
	Housing Color	White, or Customized			
	Waterproof Rating	WET (IP65)			
OTHERS	Operating Temperature	-30°C TO +50°C			
	Storage Temperature	20%-90% RH			
	Operating Humidity	-40°C TO +80°C			
	Storage Humidity	10%-95% RH			
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.			

PACKAGE

Bracket Type	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	425*420*120MM	1 PC	4.18KG	4.88KG

Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.



LIGHT DISTRIBUTION TESTING PARAMETERS

Luminaire Property

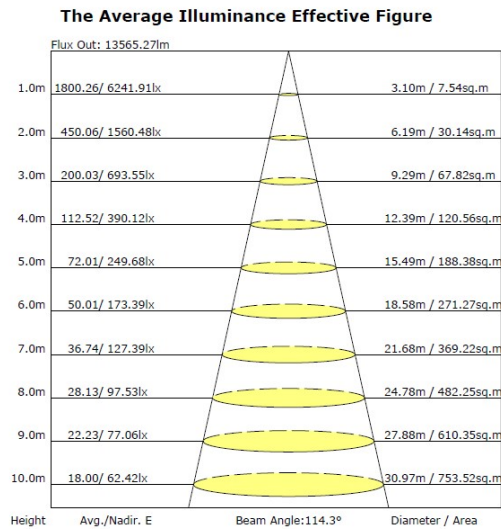
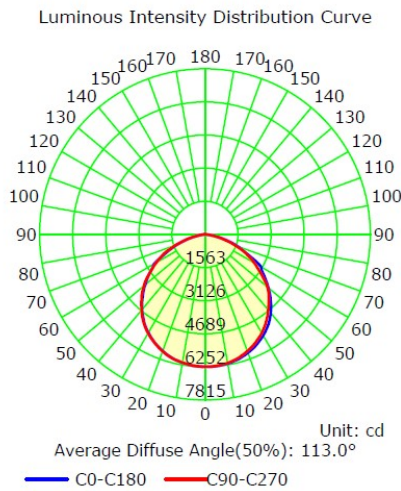
Luminaire Manufacturer:
 Luminaire Category:
 Lamp Catalog:
 Number of Lamps:
 Luminous Length (mm): 240
 Luminous Height (mm):
 Current: 1.029 A
 Power Factor: 0.998

Luminaire Description:
 Lamp Description:
 Lumens per Lamp:
 Luminous Width (mm): 240
 Voltage: 120.0 V
 Power: 123.26 W

Photometric Results

CIE Class: Direct
 Measurement Flux: 17720.7 lm
 Downward Ratio: 100%
 Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.8, 155.8, 156.3, 156.3
 Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 114.3, 111.7, 113.6, 113.1
 Luminaire Efficacy Rating (LER): 143.82
 Max. Intensity: 6252.13 cd
 S/MH(C0/C180): 1.29

Total Rated Lamp Lumens: 17720.7 lm
 Efficiency: 100%
 Upward Ratio: 0%
 C0r0 Intensity: 6241.91 cd
 Pos of Max. Intensity: H22.5 V3
 S/MH(C90/C270): 1.28



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.