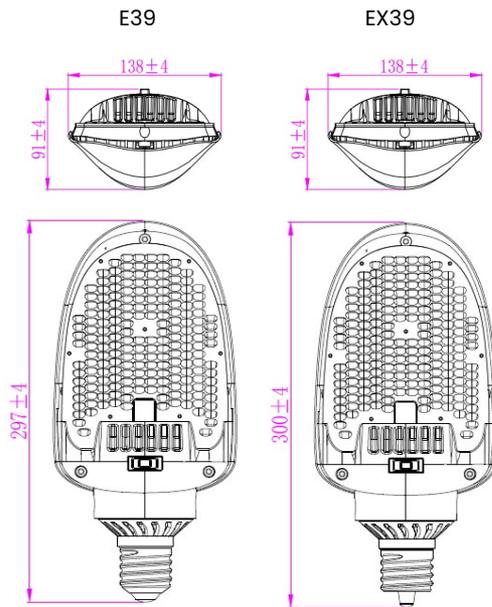




LED Area Lamp



DIMENSIONS



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 lamps.
- Suitable for damp locations. Do not use with dimmers.
- Make sure to remove or bypass the ballast in the fixtures before install the lamps.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 440*260*260MM.

Project :

Type :

Part#:

P/N: INS-CLH01B-115WXYA1-acK

Note:

INS = Company name

CLH01B = Product series, LED Area Lamp

115W = Rating Power

X = LED manufacturer, Can be any letter

“J” for Bridgelux 3030

Y = diffuser types: “1” for 90*150degree type3 and “5 ” for 150degree type5

A1 = Version number

a = the lamp base type, the “a” represent the lamp base type, can be “E” for E39, “EX” for EX39

ck= represents CCT, can be two digital.

27K = 2700K, 30K=3000K, 35K=3500K, 40K=4000K,

45K=4500K, 50K=5000K, 57K=5700K, 65K=6500K.

ADVANTAGE

- UL cUL certificate.
- E39 EX39 lamp base.
- Big heat sink,With fan.
- Internal driver, input voltage AC120-277V 0-10V dimming.
- Wattage adjustable options are available, segmented wattage adjustable.
- Meet 4KV surge immunity level.
- Long lifespan and good heat dissipation.
- 90*150 degree or 150 degree are optional.
- Direct replacement for Metal Halide, easy installation.
- Fits many different fixtures to replace traditional lamps.
- Operating ambient temperature can up to 50 degree
- Rotatable to make sure the luminous direction of led area lamp is consistent with the outside fixture

APPLICATION

- LED Retrofit Kit make it simple to replace: parking lot lighting, shoebox lighting, street lighting, flood lighting, wall pack lighting, and canopy lighting etc

LED Area Lamp

SPECIFICATIONS

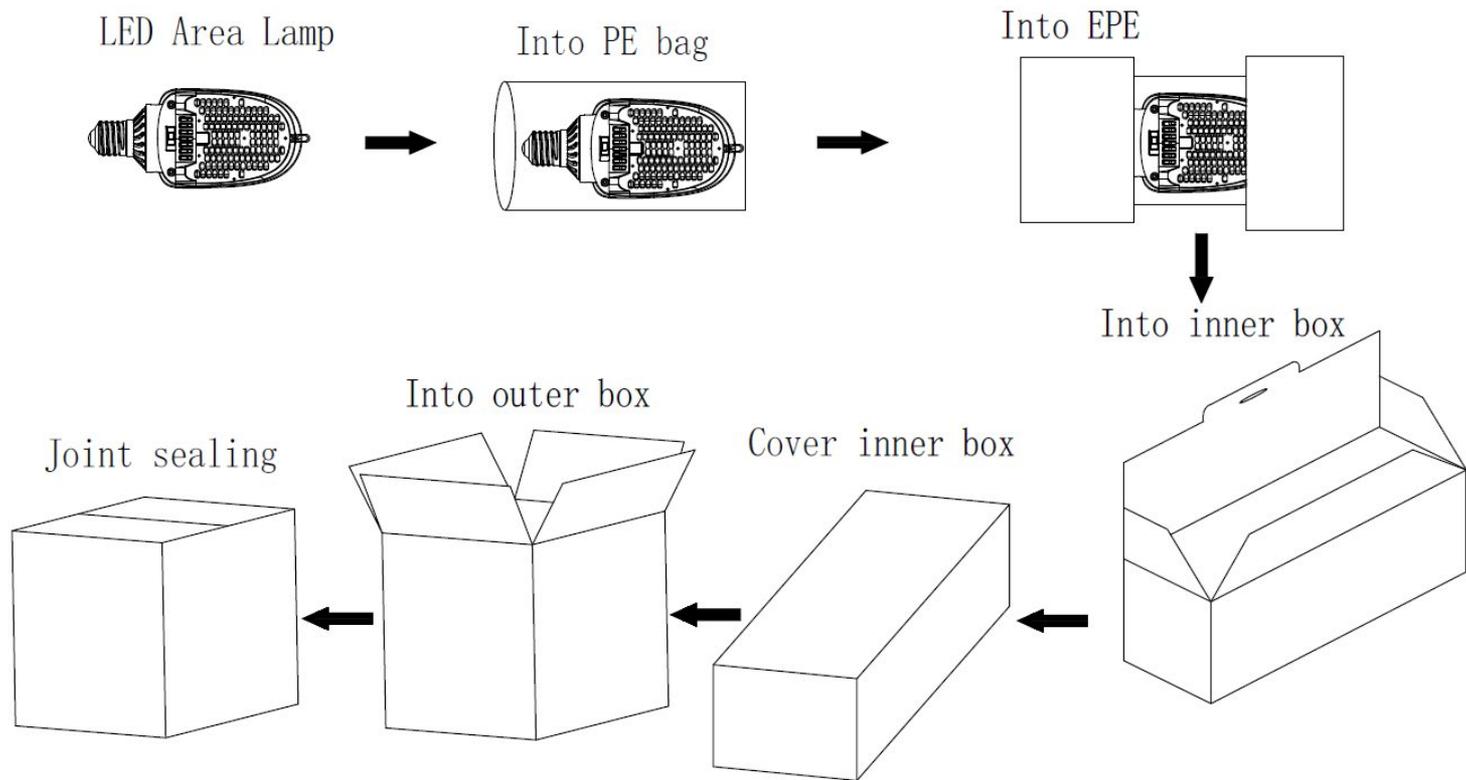
OPTICAL	Input Power (Tolerance : ±10%)	115W (75W/95W/115W via switch)		
	Color Temperature	3000K/3500K		6500K
	Lumen (Tolerance : ±10%)	14950LM	16100LM	15525LM
	Efficacy (Tolerance : ±3%)	130LM/W	140LM/W	135LM/W
	CRI	70~79		
	Color Consistency	<6 Steps (or <6 SDCM)		
	Diffuser Type	TYPE-III or TYPE-V		
	Field Angle (10%) (Tolerance : ±15%)	90*150 degree or 150 degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC 50/60Hz		
	PF (Tolerance : -3%)	≥0.9		
	THD (Tolerance : +5%)	≤20%		
	Flicker Percent	<100%		
	Driver Surge protection	L-N: 4kV		
	Dimmable	0-10V dimming standard (through switch on the lamp)		
	Sensor Type	NO		
	Optional Accessory	NO		
	Equivalent	200W CFL/400W MHL/HPS/HID		
MATERIALS	LED Brand	Bridgelux		
	LED Type	SMD3030		
	LED QTY	196PCS		
	Housing	PC + Aluminum		
	Housing Color	Any colour		
	Waterproof Rating	DAMP (IP64)		
OTHERS	Operating Temperature	-40°C TO 50°C		
	Storage Temperature	-40°C TO 80°C		
	Operating Humidity	20% - 70% RH		
	Storage Humidity	20% - 90% RH		
	Warranty Time	5 years warranty with 24/7 operating hours lamp lifetime at 25°C and in installed fixture.		

LED Area Lamp

PACKAGE

	Carton Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	340*160*110 MM	1PCS	1.26KG	1.45KG
Outer box	660*360*245 MM	8PCS	10.1KG	12.6 KG

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



LED Area Lamp

LIGHT DISTRIBUTION TESTING PARAMETERS

Remark: The testing data comes directly from the product test. < 90*150 degree >

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.2 V

Power: 116.59 W

Current: 0.985 A

Power Factor: 0.985

Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 16407.0 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 4083.23 cd

Pos of Max. Intensity: H67.5 V37

Longitudinal Classification: Very Short

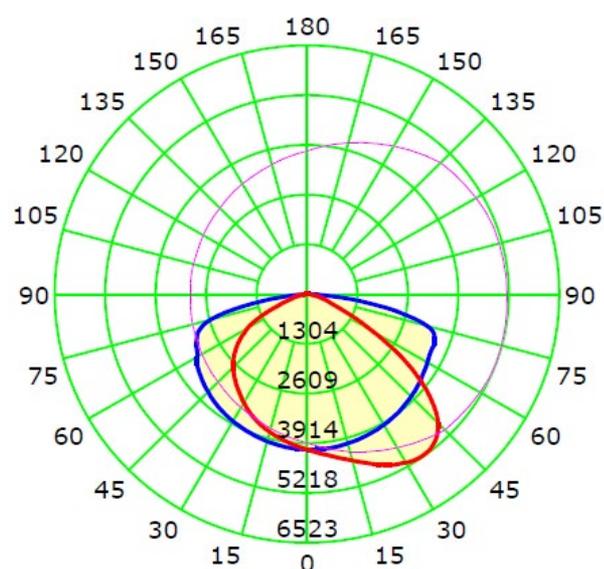
Measurement Flux: 16407 lm

Downward Ratio: 99%

Luminaire Efficacy Rating (LER): 140.77

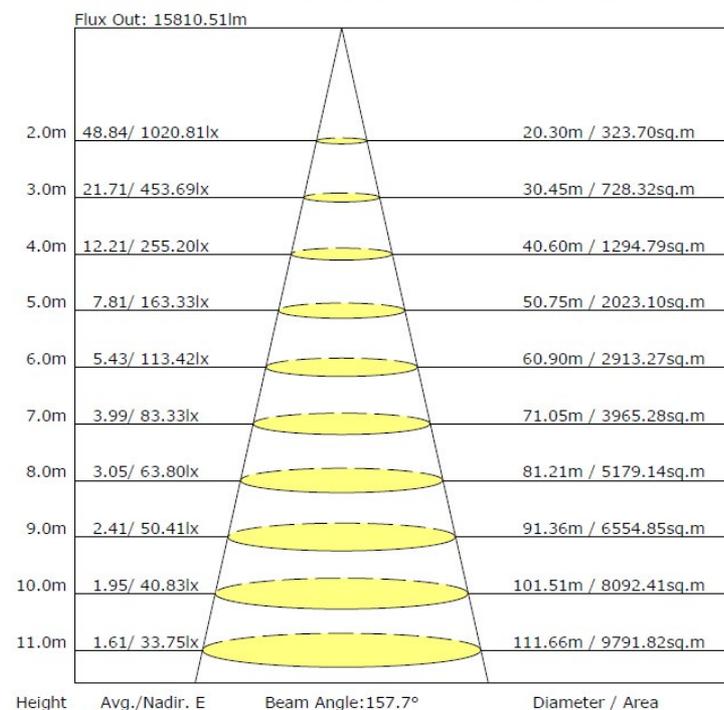
Max. Intensity: 5218.7 cd

Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 131.3°
— C0-C180 — C90-C270 — G37

The Average Illuminance Effective Figure





256-801-9825

LED Area 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.