



GREENTEK ENERGY SYSTEMS, LLC
www.greentekes.com

P/N: GT-C180-54WJ3-acKNote:

GT= Company name

C180 = Product series, LED Area Lamp

54W = Rating Power

J = LED manufacturer, "J" for Bridgelux 3030

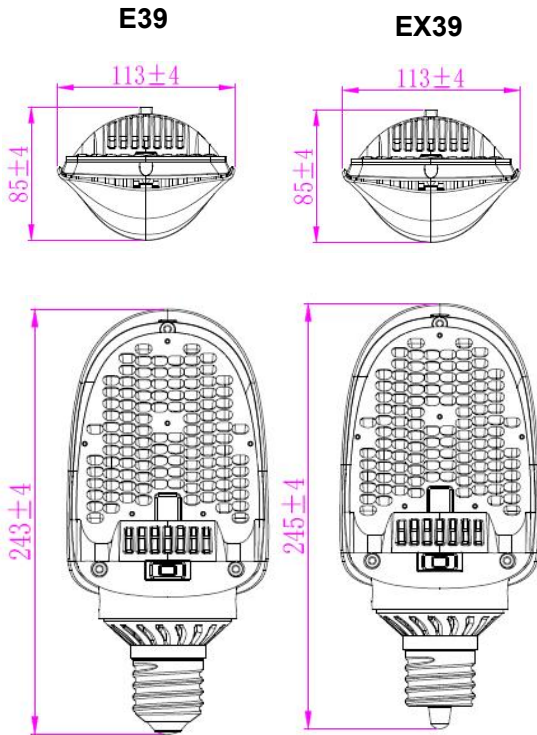
3= diffuser types: "3" for 90*150degree type3

a= the lamp base type, the "a" represent the lamp base type, can be E39 or EX39

cK= represents CCT, can be two digital.

40K=4000K,50K=5000K,65K=6500K

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: 420*210*210MM

ADVANTAGE

- UL DLC 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
- 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

- Replacement Lamps for Outdoor Pole/ Arm-mounted Area and Roadway Luminaires(UL Type B)

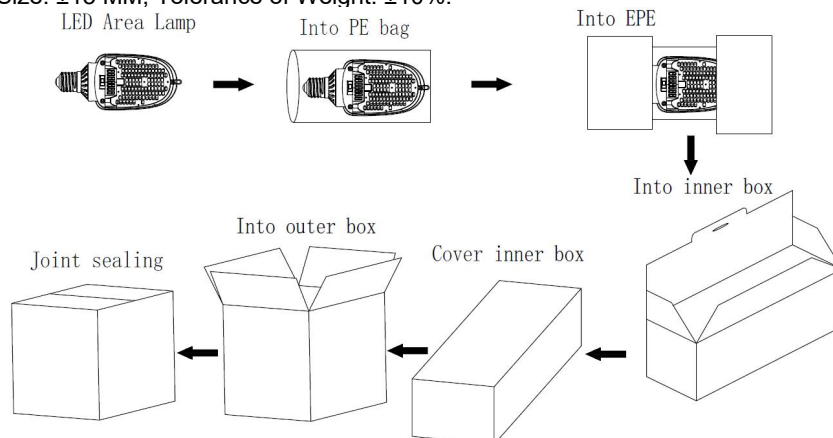
SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	54W(54W/45W/36W via switch)		
	Color Temperature	4000K	5000K	6500K
	Lumen (Tolerance : $\pm 10\%$)-In Luminaires	5939lm	6045lm	6151lm
	Efficacy (Tolerance : $\pm 3\%$)-In Luminaires	109lm/W	111lm/W	112lm/W
	CRI	70~79		
	Color Consistency	<6 Steps (or <6 SDCM)		
	Diffuser Type	TYPEIII		
	Beam Angle(50%)(Tolerance : $\pm 25\%$)	110Degree		
ELECTRICAL	Input Voltage and Frequency	120-277VAC 50/60Hz		
	PF (Tolerance : -3%)	≥ 0.9		
	THD (Tolerance : +5%)	$\leq 20\%$		
	Flicker Percent	<5%		
	Driver Surge protection	L-N: 4kV		
	Dimmable	0-10V dimming standard (through switch on the lamp)		
	Sensor Type	NO		
	Optional Accessory	NO		
	Equivalent	120W CFL, 175W MHL/HPS/HID		
MATERIALS	LED Brand	Bridgelux		
	LED Type	SMD3030		
	LED QTY	112PCS		
	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	10%-75% RH		
	Warranty Time	5 years		

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Inner box	290*135*105 MM	1PCS	0.76KG	0.92 KG
Outer box	560*310*235 MM	8PCS	6.08 KG	8.1 KG

Tolerance of Outer Carton Size: ± 15 MM, Tolerance of Weight: $\pm 10\%$.



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.