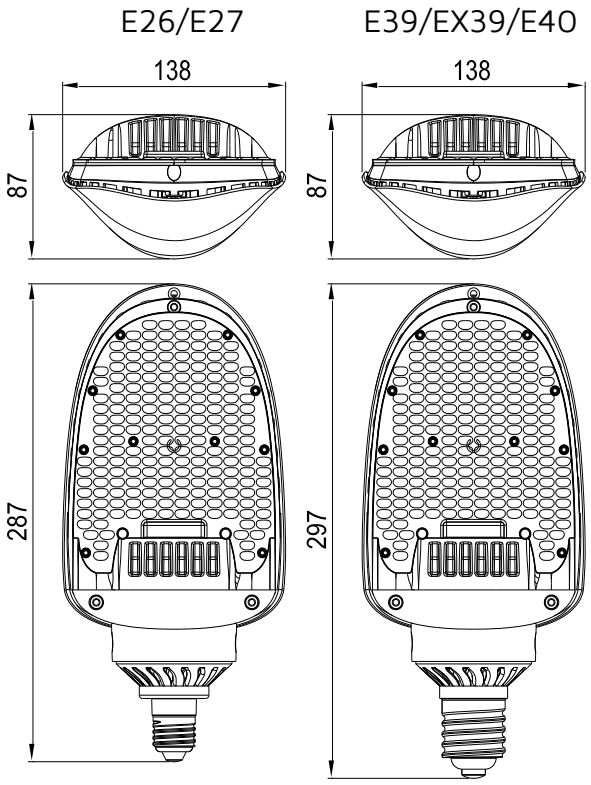
TECHNICAL DATA SHEET



NAME: LED Retrofit Kit

P/N: SS-SLB-54W

Advantage

- UL, CUL, RoHS, CE certificate
- PHILIPS LUMILEDS chip, high CRI
- Warm / Natural / Cool / Cold white.
- 90x150°, TYPE III.
- Internal driver, input voltage AC100-277V.
- E26, E27, E39, EX39, E40 lamp base.
- Lamp Base: 270 degree rotated.
- Big heat sink.
- New style and high efficient wide-range input.
- Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide, easy Installation.
- Fits many different fixtures to replace traditional lamps.

Application

Retrofitting parking lots, shoeboxes, streetlights, floodlights, wall packs, and canopies has just been made simple.

SINOSTAR LIGHTING GROUP LTD.

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TECHNICAL DATA SHEET

General			
Product name	LED Retrofit Kit		
Part No	SS-SLB-54W		
Lamp Base	E26/E27	E39/E40	EX39
Dimension	287*138*87 MM	297*138*87 MM	
Technical			
Color temperature	2700-6500K		
CRI	>70		
Lumen	6200-7000 LM		
Lumen Efficacy	115-130 LM/W		
Input Power	54W		
Viewing Angle	90x150° (Type III)		
Input Voltage	AC100-277V 50/60Hz		
PFC	>90%		
Equivalent	120W CFL, 175W MHL/HPS/HID		
Waterproof Rating	IP51		
Materials			
LED Brand	PHILIPS LUMILEDS		
LED Type	LUXEON 3030 2D (1.5W)		
LED QTY	112 PCS		
Housing	Magnesium Alloy+AL+PC		
Housing color	Black+Silver		
Others			
Operating Temperature	-20°C - +45°C		
Operating Humidity	20%-70% RH		
Storage Temperature	-30°C - +80°C		
Storage Humidity	10%-75% RH		
Application	shoeboxes, streetlights, floodlights, wall packs and canopies		
Safety Certification	UL, CUL, CE, RoHS		
Warranty Time	5 Years		

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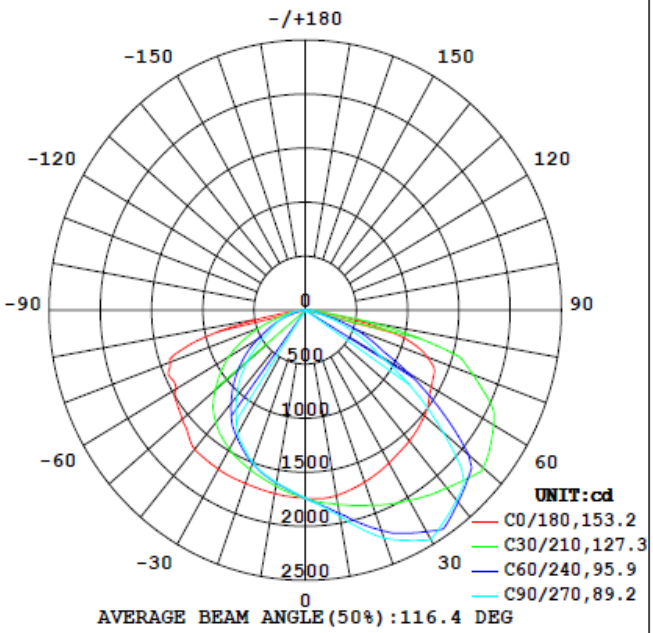
Remark: The testing data comes directly from the product test.

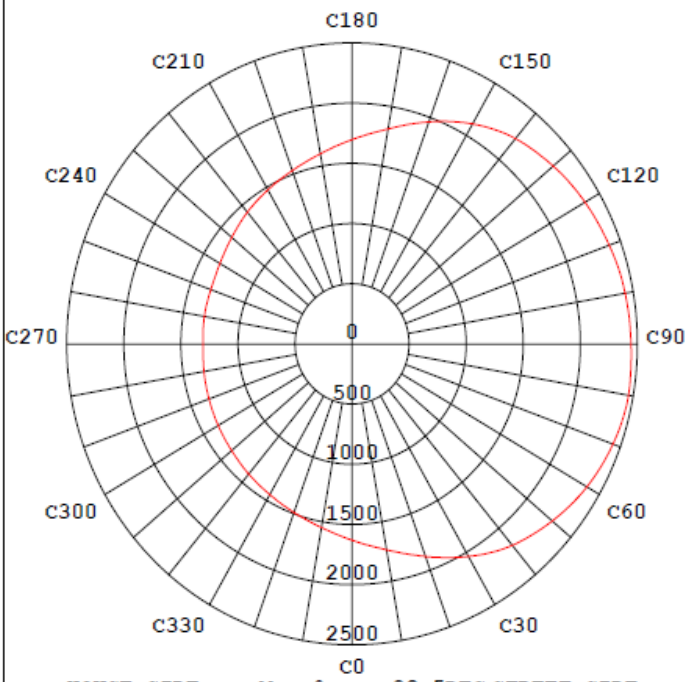
DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.65 lm/W			
MODEL		Imax(cd)	2458	η street_up(%)	0.0
NOMINAL POWER(W)	54	LOR(%)	100.0	η street_down(%)	63.8
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	6697	η house_up(%)	0.0
NOMINAL FLUX(lm)	6696.84	MAXIMUM @(C,γ)	80,30.5	η house_down(%)	36.2
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	22.175

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



AVERAGE BEAM ANGLE(50%):116.4 DEG

MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM



HOUSE SIDE Max @ γ = 30.5DEG STREET SIDE

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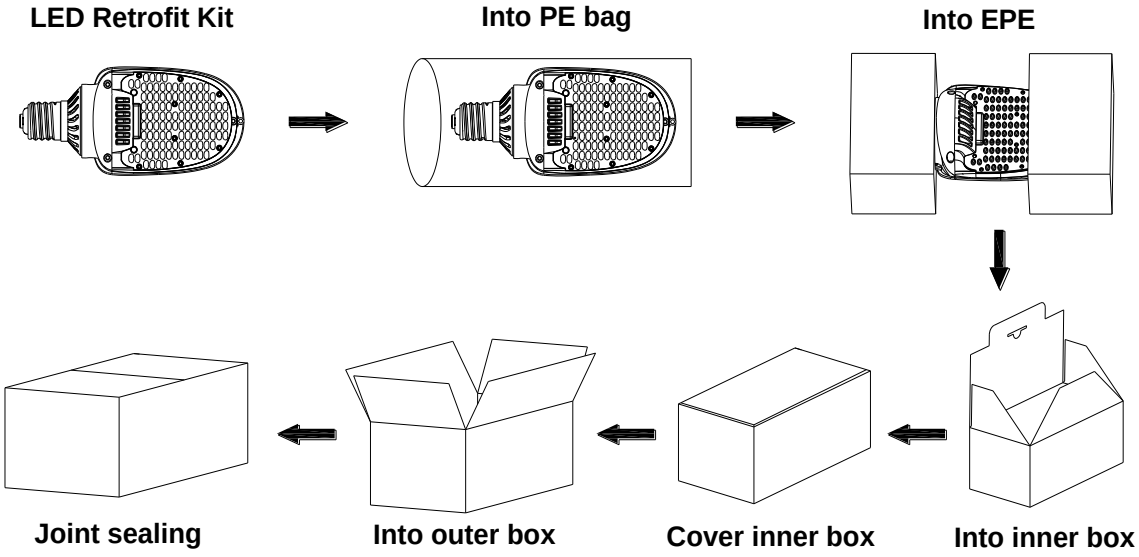
TECHNICAL DATA SHEET

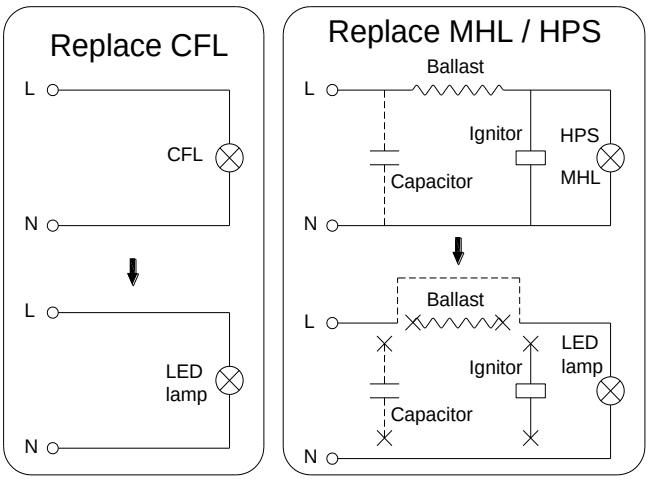
Package



	Size	Qty/ Carton	Net Weight/ Carton	Gross Weight/ Carton
Inner box	340*160*110 MM	1 PC	1.23 KG	1.46 KG
Outer box	660*355*240 MM	8 PCS	9.8 KG	12.7 KG

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.
- Make sure to remove or bypass the ballast in the fixtures before install the lamps.
- Suitable for damp locations. Do not use with dimmers.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 420*210*210MM.
- No-professionals, must not install and disassemble the lamps.



Trouble Shootings

Troubles	Check points
Flickering of the lamps	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

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