KB LIGHTING

SNC-CLH-54W1A1Y

54W Paddle

Project	
Type	
Catalog #	

Standard

UL LISTED · UL LISTED E465717 · UL LISTED E474059 · DLC PREMIUM

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.

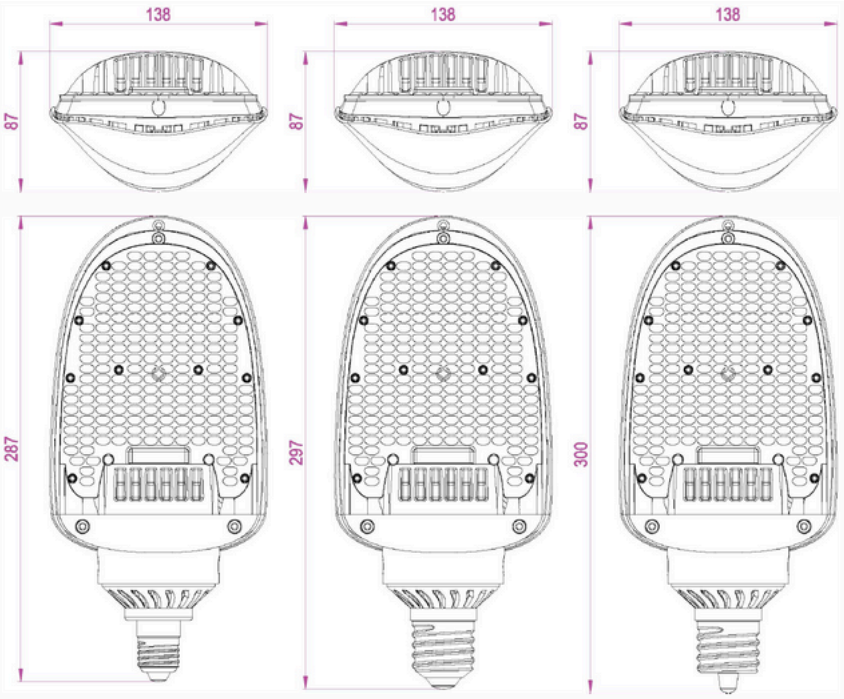
Part Name

SNC-CLH-54W1A1Y

Note: The Letter Y in P/N stands for Lamp base type. BLANK for E26 lamp base, "-E" for E39 lamp base, "-EX" for EX39 lamp base.

PRODUCT FEATURES

- UL, CUL, DLC certificate
- PHILIPS LUMILEDS chip, high CRI.
- 90*150 degree, TYPE III.
- Internal driver, input voltage AC100-277V.
- E26, E39, EX39 lamp base.
- Lamp Base: 270 degree rotated.
- Automatically Power-Reducing Function: Power reduces gradually when driver's temperature reaches 50°C. When the heat sink of led reaches 90°C, there will no power reduction any more. And power will reduce to 70% of the origin.
- 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.



E26 E39 EX39

KB Lighting Mfg Co Inc | 2515 Metropolitan Drive, Trevose, PA 19053 | P: 215-953-6663 | F: 215-953-6710 | info@kblighting.com

Specifications and dimensions subject to change without notice.

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PRODUCT SPECIFICATIONS

Product name	LED Retrofit Kit		
Part No	SNC-CLH-54W1A1	SNC-CLH-54W1A1-E	SNC-CLH-54W1A1-EX
Lamp Base	E26	E29	EX29
Dimension	287mm x 138mm x 87mm	297mm x 138mm x 87mm	300mm x 138mm x 87mm
Technical Characteristic			
CCT	2700-6500K		
CRI	>70		
Lumen	6200-7000 LM		
Lumen Efficacy	115-130 LM/W		
Input Power	54W		
Viewing Angle	90*150degree(TypeIII)		
Input Voltage	AC100-277V 50/60Hz		
PFC	>0.9		
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 to 45°C		
Operating Humidity	20%-70% RH		
Storage Temperature	-30°C to 80°C		
Storage Humidity	10%-75% RH		
Application	Shoeboxes, streetlights, floodlights, wall packs, and canopies		
Safety Certification	UL, CUL, DLC		
Warranty Time	5 Years		

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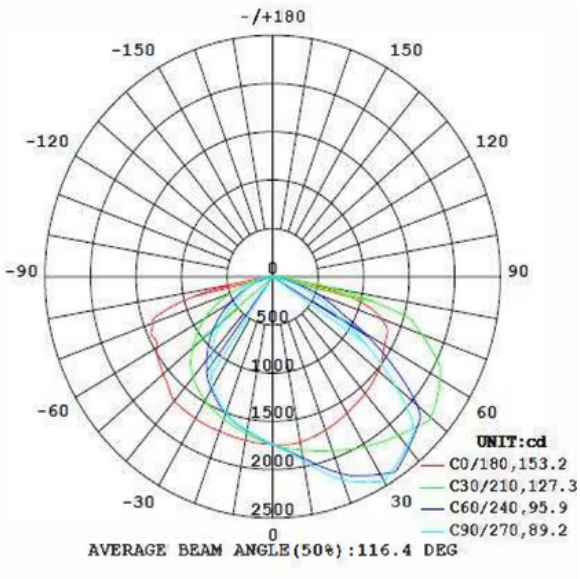
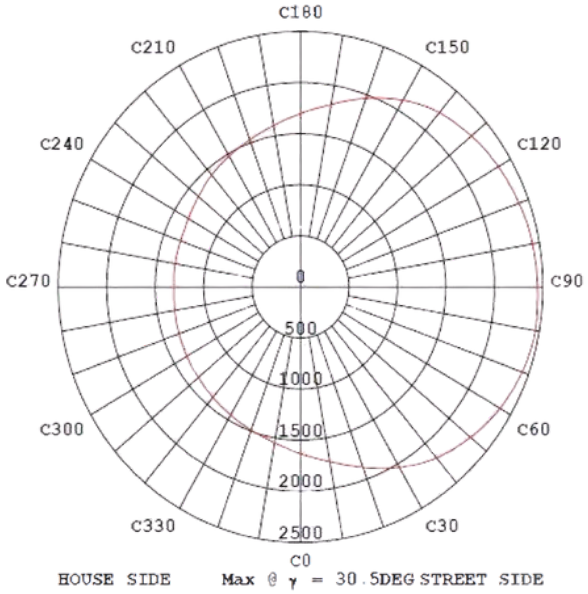
Remark: The testing data comes directly from the product test.

Data of Lamp		Photometric Data			
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



Max Intensity Cone Surface Distribution Diagram



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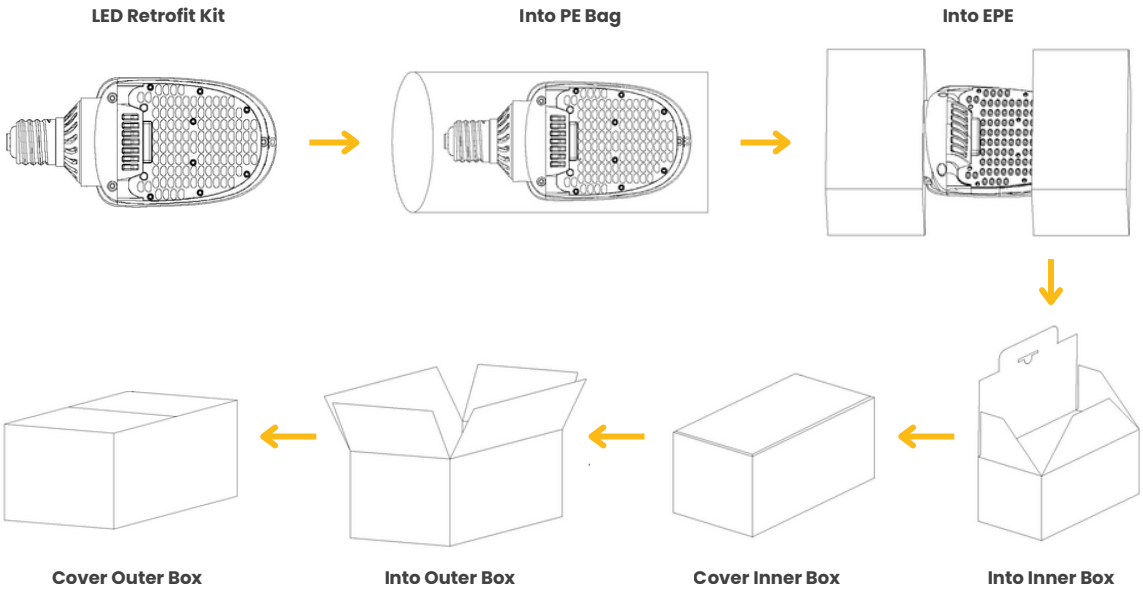
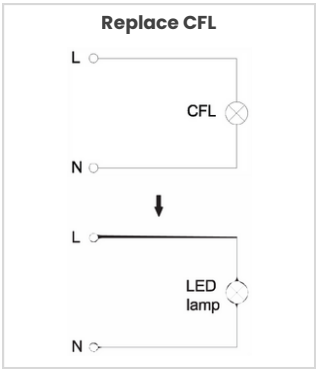
PACKAGE

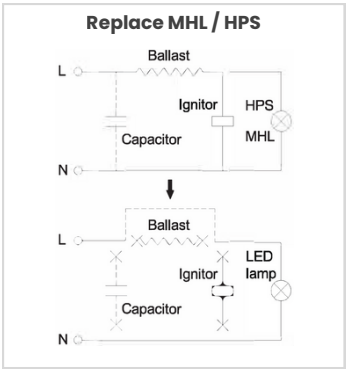


	Size	Qty/Carton	Net Weight/Carton	Gross Weight/Carton
Inner box	340*160*110 MM	1 PC	1.23 KG	1.46 KG
Outer box	660*355*240 MM	8 PCS	9.8 KG	12.7 KG

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: 380*200*200MM.
- No-professionals, must not install and disassemble the lamps.





TROUBLESHOOTING

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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