

NAME: LED Street Light

P/N: STL-70542-95

Advantages

- UL, cUL, DLC
- PHILIPS LUMILEDS chip, high CRI.
- 90 x 150 degree, TYPE III.
- Internal driver, input voltage 100-277V AC.
- E39 lamp base.
- Lamp Base: 270 degree rotated.
- Automatically Power-Reducing Function: Power reduces gradually when driver's temperature reaches 122°F. When the heat sink of LED reaches 194°F, there will no power reduction any more. And power will reduce to 70% of the original.
- 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.



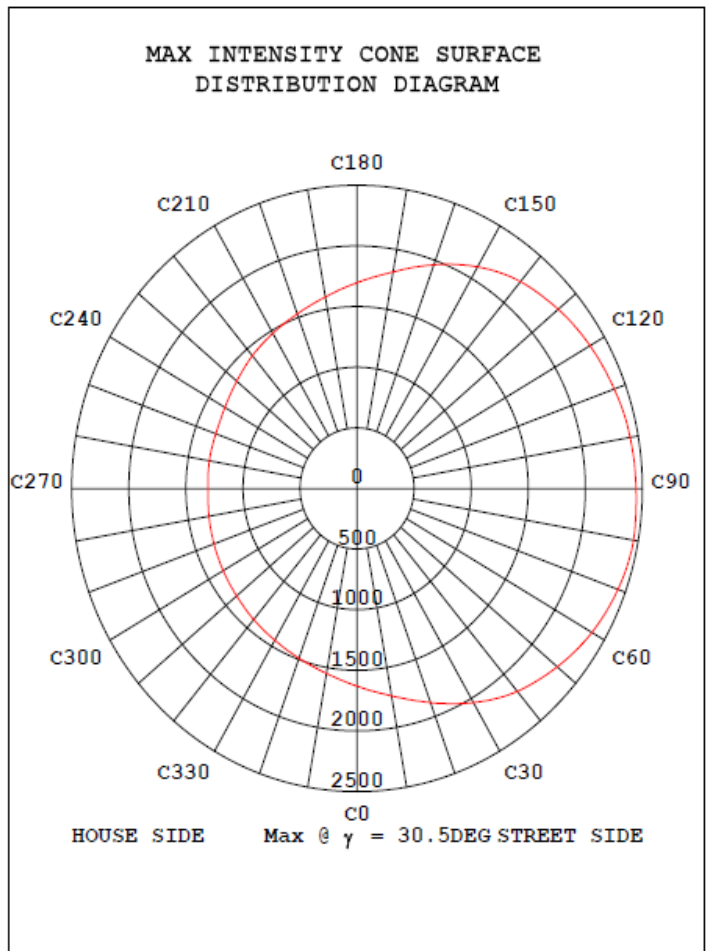
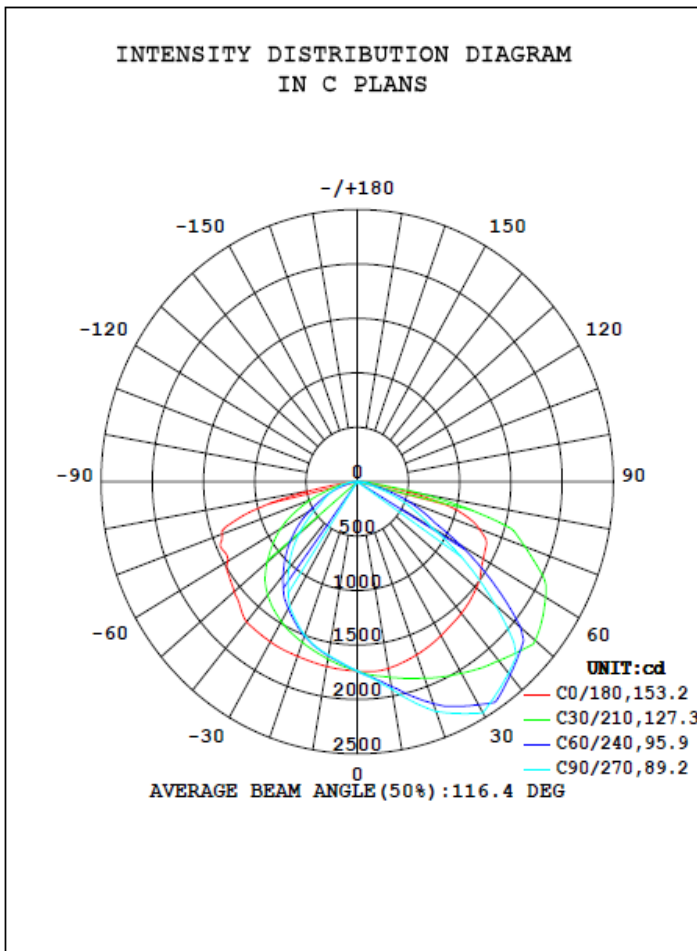
Applications

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

PRODUCT SPECIFICATIONS	
Product name	LED Street Light
Part No	STL-70542-95
Lamp Base	E39
Dimension	11.7" x 5.4" x 3.4" (297mm x 138mm x 87mm)
Technical Characteristics	
Color temperature	5000K
CRI	> 70
Lumen	6750 lm
Lumen Efficacy	125 lm/W
Input Power	54W
Viewing Angle	90 x 150 degree (TypeIII)
Input Voltage	100-277V AC 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
OTHER	
Operating Temperature	-4°F to +113°F (-20°C to +45°C)
Operating Humidity	20%-70% RH
Storage Temperature	-22°F to +176°F (-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

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

DATA OF LAMP		PHOTOMETRIC DATA Eff: 123.65 lm/W			
MODEL		I _{max} (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

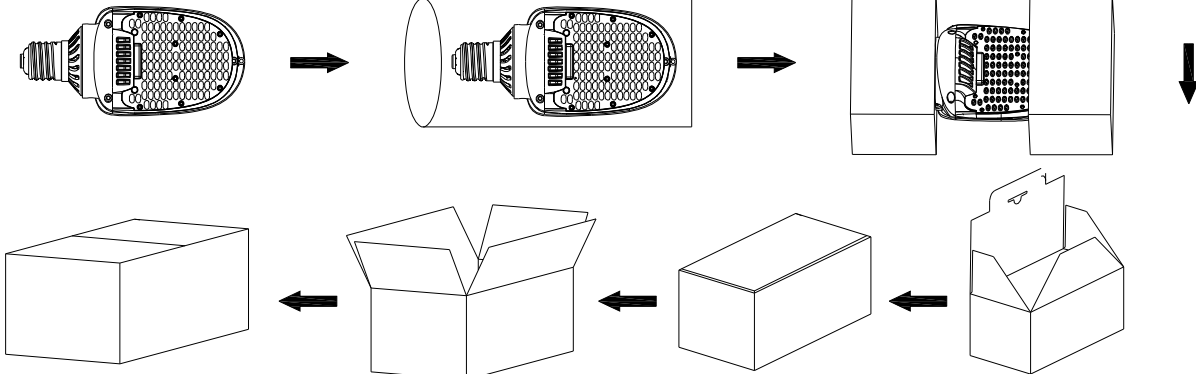


Package

LED Retrofit Kit

Into PE bag

Into EPE



Joint sealing

Into outer box

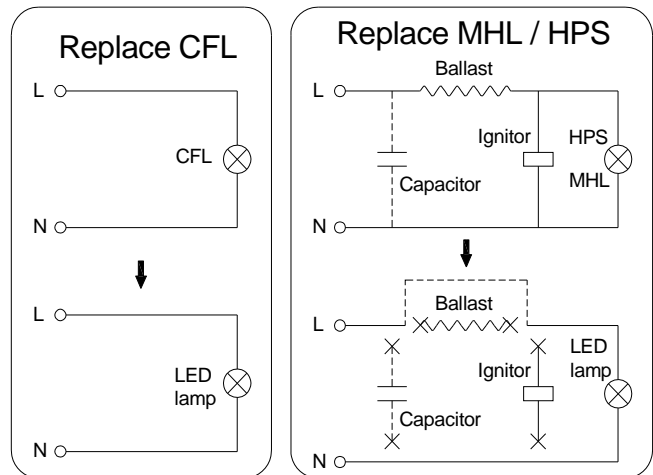
Cover inner box

Into inner box

	Size	Qty/ Carton	Net Weight/ Carton	Gross Weight/ Carton
Inner box	13.4" x 6.3" x 4.3"	1	2.7 lbs	3.2 lbs
Outer box	16" x 14" x 9.4"	8	21.6 lbs	28 lbs

Notice For User

- Turn off power before installing or changing assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, make sure the wiring section is insulated.
- Make sure to remove or bypass the ballast in the fixtures before installing the lamps.
- Suitable for damp locations. Do not use with dimmers.
- Suitable for use in enclosed luminaires, min. lamp compartment dimensions: 16.5" x 8.3" x 8.3".
- Non-professionals must not install or disassemble the lamps.



Troubleshooting

Problem	Check points
Flickering of the lamp	Turn off the power and turn on again in 3 minutes. If same phenomena occurs call a technician
Not working	Check the connections

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