



Retrofit Corn Light

LTCB MODEL

Corn Light Series

Luminaire LED

The LTCB LED luminaire is an ideal retrofit solution for Wall Pack, Acorn, Shoe Box, Canopy, Garage Light, Post Top, Flood Light, and Cobra Head Street lighting where the vertical mounting is necessary to replace traditional HID or HPS bulbs. The patented thermal management system allows fast heat dissipation. The overall high quality design is to ensure a long life span of the product.

Features and Benefits:

- Modern and clean style
- Patented design for thermal management
- Luminaire efficiency :150 lm/w
- Surge Protection: 4KV
- Base E26 & E39
- Certification IP64
- Flame retardant material
- >50,000 hours at L70
- 5-year warranty
- Designed for enclosed fixtures

Product Specifications

Electrical System:

Input Voltage: 100-277 VAC

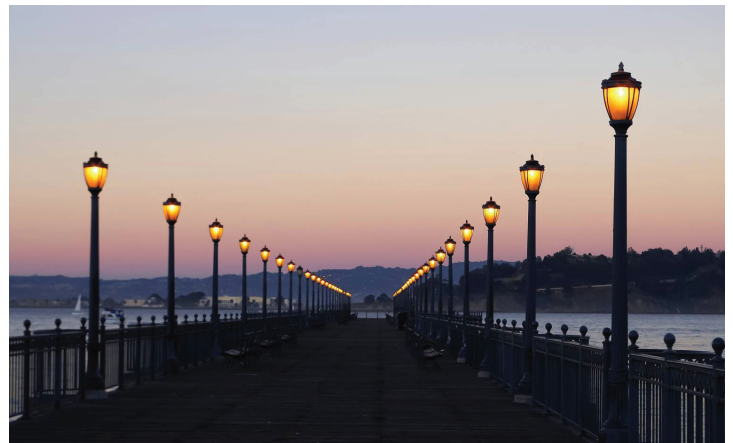
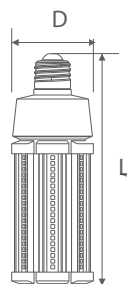
Power Consumption: 12W, 18W, 27W, 36W, 45W, 54W, & 63W

Construction/Finish:

- Aluminum body
- Polycarbonate lens

Dimensions

- 12W (E26) D2.63" x L4.91"
- 18W (E26) D2.63" x L5.69"
- 27W (E26) D2.63" x L6.68"
- 36W (E26) D.314" x L3.65"
- (E39) D.314" x L4.28"
- 45W (E26) D.314" x L4.83"
- (E39) D.314" x L5.46"
- 54W (E26) D.314" x L4.38"
- (E39) D.314" x L5.46"
- 63W (E26) D.314" x L9.39"
- (E39) D.314" x L9.98"



Applications:

- Parking lot and street lights
- Lumens** (+/- 200 lm):
 - 12W - 1800lm
 - 18W - 2700 lm
 - 27W - 4050lm
 - 36W - 5400lm
 - 45W - 6750lm
 - 54W - 8100lm
- Operating Temperature:** -40°C to 60°C

Extra Features

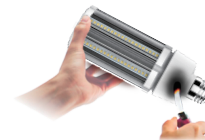
2835 150lm/W



350 degrees twistable



Flame retardant material



Rubycon

Use top brand capacitors Rubycon



IP64

IP 64 design - Driver is fully sealed with thermal paste, working in temperatures of -40°C to 60°C (-40°F to 140°F)



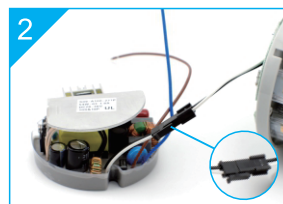
No fan heat dissipation solution



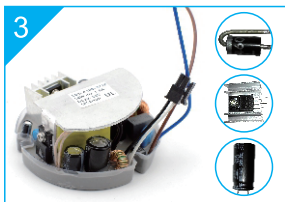
Guide-flow cove & hole - it guides water flow away very fast to prevent it from being watered



Isolated driver - better for heat dissipation



Easy replacement with slide connector from lamp body to driver.



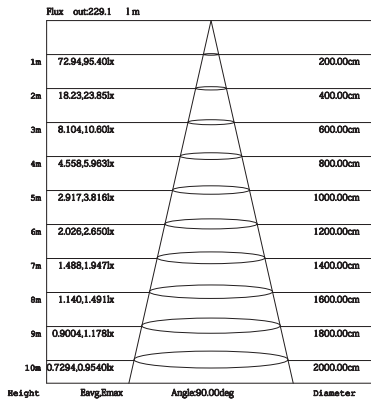
High quality driver components: Rubycon capacitor (Japan), FIRST MOS (USA), MPS IC Chip (USA), Galaxy Diodes (biggest in China).



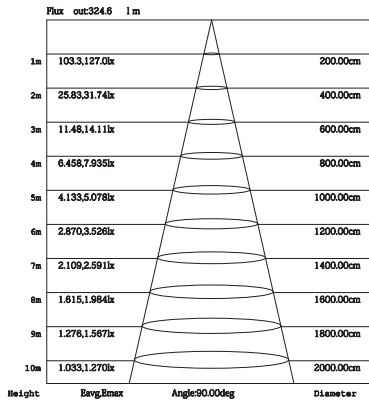
Driver with heat sink silicone for waterproof, dust proof and anti-mosquitos

Light Distribution

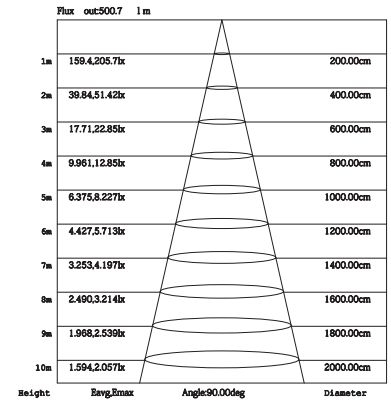
S39-12W-02



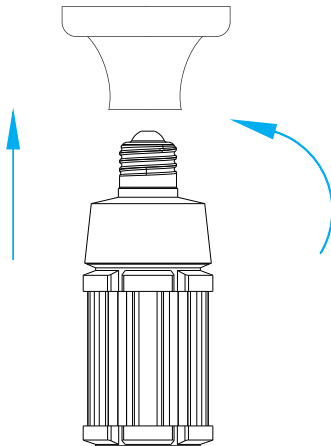
S39-18W-02



S39-27W-02



Installation



Step 1

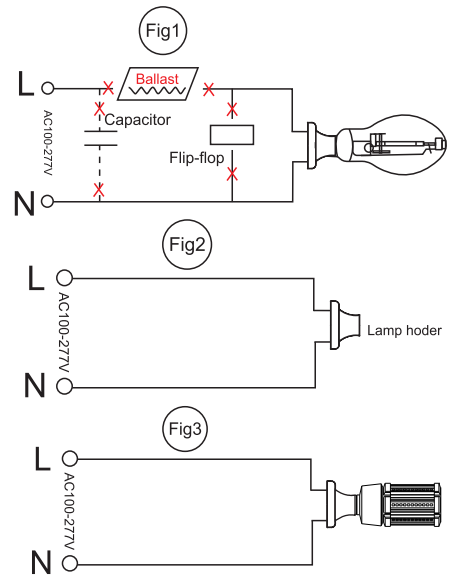
Shown as Figure 1
Remove old ballast or disconnect from existing lamp holder. Remove and dispose of ballast in correct manner.

Step 2

Shown as Figure 2
Reconnect directly to the existing lamp holder.

Step 3

Shown as Figure 3
Install new LED replacement lamp. Please make sure the old fitting is correctly earth.



Ordering Information:

Example: **LTCB5450KB** - LTCB model, 54W, 5000K, E39 Base



Model	Wattage	Color Temperature	Base		
LTCB	80	50K	B		
COBB Light Retrofit	12 - 12W 18 - 18W	30K-3000K 40K-4000K 50K-5000K 57K-5700K	A-E26 B-E39		

Note: Specifications subject to change without notice. Actual performance may differ as a result of end user environment and application.