

### Main Features

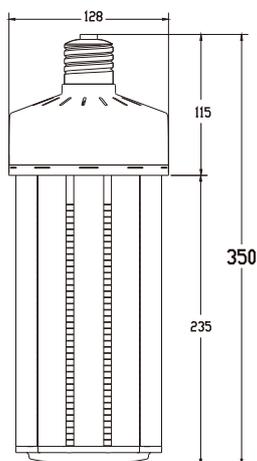
- 1 Using high brightness of original packed Epistar 2835 SMD chip which achieves **120lm/w**
- 2 As the world's first new products ,LED corn bulb could replace the conventional compact CFL light directly .
- 3 Unique construction design easier for power supply and light source replacement if needed,with full beam angle (360°)
- 4 Fin aluminum heat dissipation system(PATENT design).The fan of active air exchanging cooling system in order to speed up heat dissipation
- 5 No spot, no black area,long life span and less brightness decay
- 6 Wide voltage AC120-277V,High efficiency constant current drives, Efficiency of power supply is more than 90%.
- 7 Those LED Corn Bulbs are available with PC cover which has clear cover
- 8 No magnetic disturbance influence and CE standard compliant
- 9 No UV and near-IR radiation in the light beam.
- 10 5 years warranty



### High Bay HID replacement projects



### Dimension

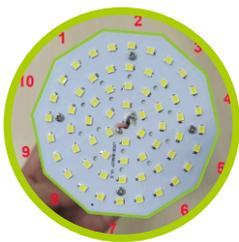


# Product Specification

Parameters		Item Number	VLLS-CB-150WTX-39
Light	LED Type	1160pcs 2835 SMD LEDS	
	Luminous Flux(lm)	3000-3500K Bare Lamp:18800lm Within Fixture:13000lm 4000-4500K Bare Lamp:19100lm Within Fixture:13200lm 5000K Bare Lamp:19500lm Within Fixture:13500lm 5700K Bare Lamp:20000lm Within Fixture:13800lm	
	Color Temperature (K)	3000/4000/4500/5000/5700K	
	CRI	> 80	
	Lifespan (Hrs)	> 50,000Hours	
Electricity	Input Voltage (V)	120VAC - 277VAC	
	Frenquency (Hz)	50/60 Hz	
	Output Wattage (W)	150 Watt	
	Power Factor	> 0.95	
	Time of starting (S)	0	
	Power Efficiency	>0.92	
	Replacement	500W-550W HID	
Structure	Materials	Aluminum fin heat sink+MPCB+PBT base(fire proof)	
	Dimension	Dia128*325mm	
	PC cover options	With Clear Cover	
	Base Options	E39 Mogul Base	
	IP Rating	IP60	
Certificate	Working Temp/humidity	-25 - 55 Celsius degree 10% - 90% R.H.	
	Storage Humidity	-40 - 85 Celsius Degree 0% - 95% R.H.	
	Certificate	ETL DLC TUV FCC SAACE	
	Environmental cert	RoHS	



## Advantages



Round 10 sides shine out



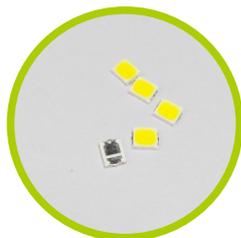
Wireproof base



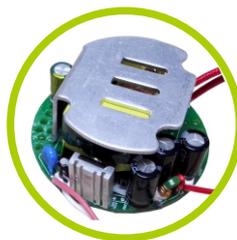
Transparent cover



Top Brand Sunon Fan



High Brightness Epistar 2835



Internal Driver



Aluminum fin heat sink  
Thermal Pad built-in

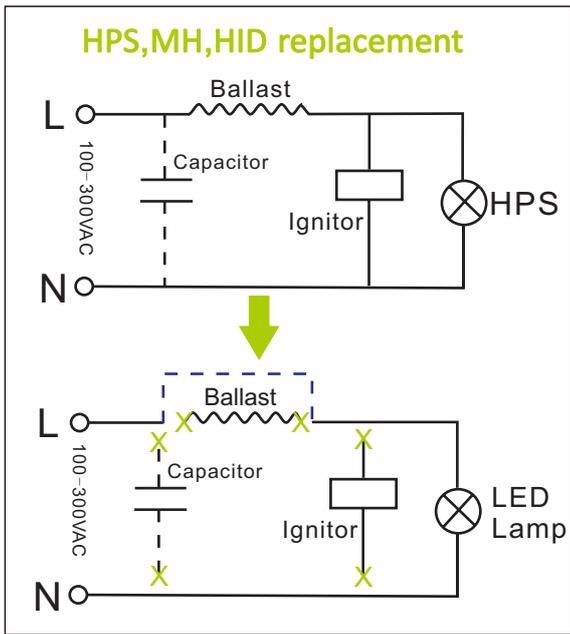
## Bare Lamp Test Result

DATA OF LAMP		PHOTOMETRIC DATA			
		Eff: 125.8 lm/W			
MODEL		I <sub>max</sub> (cd)	2042	S/MH (C0/180)	2.89
NOMINAL POWER (W)	160	LOR (%)	100.0	S/MH (C90/270)	2.90
RATED VOLTAGE (V)	232	TOTAL FLUX (lm)	20128	η UP, DN (C0-180)	23.3, 26.7
NOMINAL FLUX (lm)	20128	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	23.0, 26.9
LAMPS INSIDE	1	η up (%)	46.4	CIBSE SHR NOM	2.00
TEST VOLTAGE (V)	232.3	η down (%)	53.6	CIBSE SHR MAX	

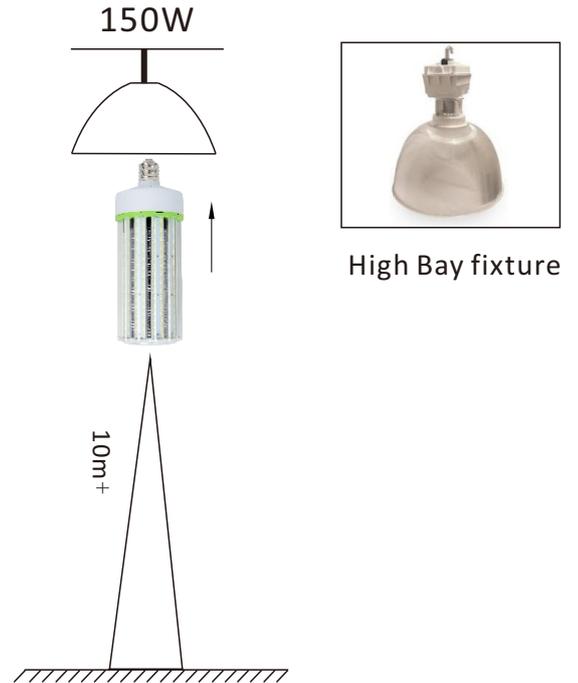
## What should be aware of ?

1. Read the user's manual in details, make sure the environment conditions fit the requests
2. Cut the power off before installation
3. Do not run this led corn bulb **over** 300VAC unless it's labeled.
4. Do not install this LED corn bulb in ambient where has high temperature over like 55 celsius degree or over corrosive gas
5. Use in High bay open fixture
6. Don't throw away casually

## Wiring Diagram



## Installation suggestion



- 1, LED Corn Bulbs are retrofit led bulbs which are with the latest cooling heat sink technology Thermal was blew out from sides borad gap rapidly. And they are just perfect to replace the existing HID
- 2, Since there are various wattage options for high bay lighting application, different wattage has its perfect lighting effect at different height

## Packing Details

Packed QTY	12 Pieces
Net Weight	0.90Kg/pc
Gross Weight	14.5Kg/ctn
Box Size	15cm*15cm*36cm
Carton Size	66cm*50cm*40cm

