

10 Sides aluminum fin 150 Watt LED Corn Bulb

Main Features

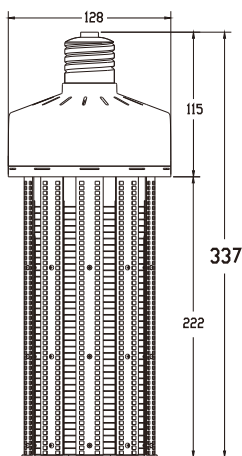
- 1 Using high brightness of original packed Epistar 2835 SMD chip which achieves **120lm/w**
- 2 LED corn bulb can replace conventional compact CFL light directly .
- 3 Unique construction design, easier for power supply and light source replacement if needed,with full beam angle (360°)
- 4 Fin aluminum 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 Various lamp bases are available,a wide range of applications (E39 mogul, E26 medium)
- 7 Wide voltage AC100-300V,High efficiency constant current drives, Efficiency of power supply is more than 90%.
- 8 LED Corn Bulbs are also available with PC cover which has transparent and milky cover
- 9 No magnetic disturbance influence and CE standard compliant
- 11 No UV and near-IR radiation in the light beam.
- 12 5 years warranty



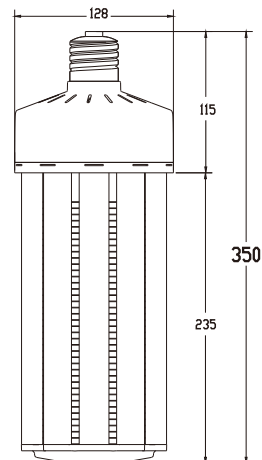
Application projects



Dimension



without pc cover

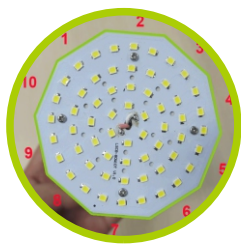


with pc cover



Main Specification T=25 Celsius Degree		
Parameters		Item Number
		CNL-51527
Light	LED Type	1160pcs 2835 SMD LEDS
	Luminous Flux(lm)	20000Lm
	Color Temperature (K)	6000K (3000K/4000K Available)
	CRI	80
	Lifespan (Hrs)	> 50,000Hours
Electricity	Input Voltage (V)	100-300VAC
	Frenquency (Hz)	50/60 Hz
	Output Wattage (W)	150 Watt
	Power Factor	> 0.95
	Time of starting (S)	0
	Power Efficiency	>0.92
	Replacement	450W-500W Metal Halide / HPS / Son-T/ HQI
Structure	Materials	Aluminum fin heat sink+MPCB+PBT base(fire proof)
	Dimension	(NO Cover) E40:Dia128*337mm E27:Dia128*330mm (With Cover) E40:Dia128*350mm E27:Dia128*343mm
	PC cover options	1,without pc cover 2,with milky cover / with transparent cover
	Base Options	E40/E39(Mogul) E27/E26(Medium)
	IP Rating	IP60
	Driver Style	Built-in
Certificate	Working Temp/humidity	-25 - 55 Celsius degree 10% - 90% R.H.
	Storage Humidity	-40 - 85 Celsius Degree 0% - 95% R.H.
	Certificate	ETL TUV FCC SAACE
	Environmental cert	RoHS

Advantages



Round 10 sides shine out



Wireproof base



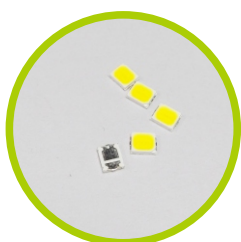
Milky cover



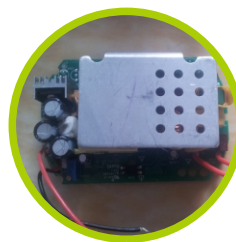
Transparent cover



Top Brand Sunon Fan



High Brightness Epistar 2835



Internal Driver



Aluminum fin heat sink
Thermal Pad built-in

Test Result

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 125.8 lm/W
MODEL		I _{max} (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		

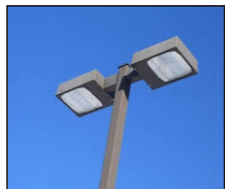
What should I be aware of ?

1. Read the user's manual, ensure the environmental conditions are suitable.
2. Cut the power off before installation
3. Do not run this led corn bulb **over** 300VAC.
4. Do not install this LED corn bulb where temperature exceeds 131°F (55°C) or over corrosive gas etc
5. Indoor, Outdoor use in outdoor luminaires (minimum Ip65)
6. Don't throw away casually, recycle



Where to use LED Corn Bulb ?

1. Outdoor street lighting, wall pack lighting, canopy lighting, post top lighting, high bay light, warehouse lighting, pathway lighting, factory lighting, supermarket lighting, parking lot and stadium lighting etc.



Parking Lot



Pathway fixture



Wall Pack Fixture



Street fixture



Cobra Fixture



Street fixture



Post top fixture



High Bay fixture



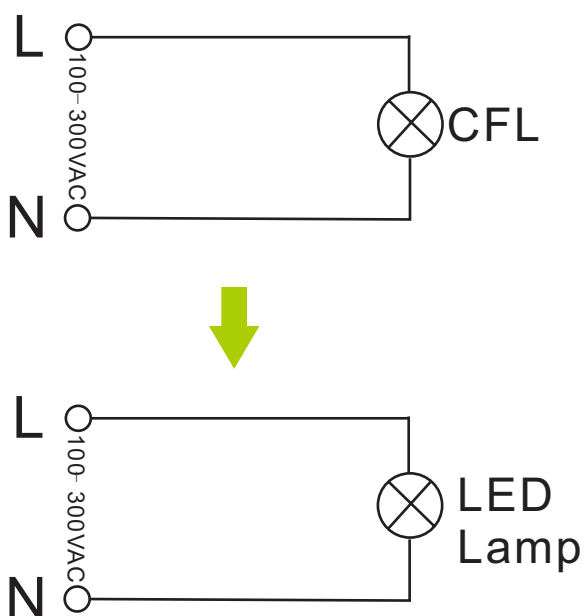
Droplight fixture



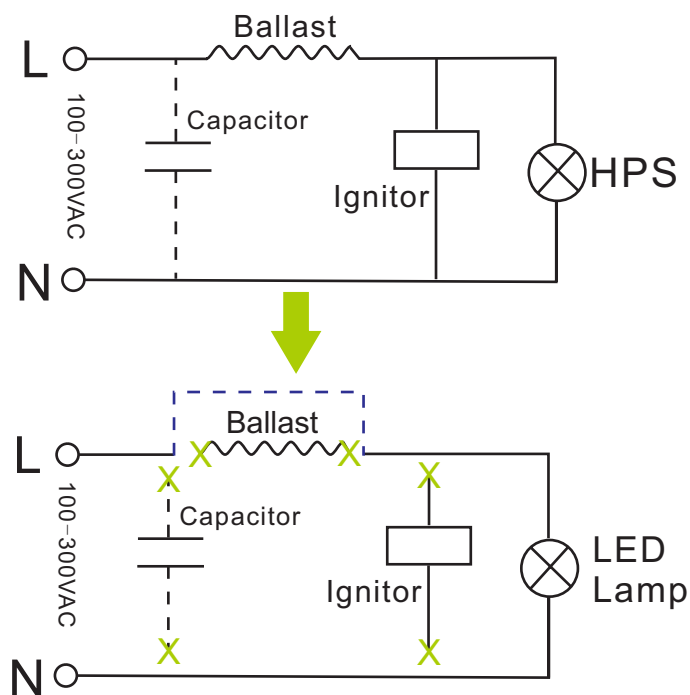
Wall Light fixture

Wiring Diagram

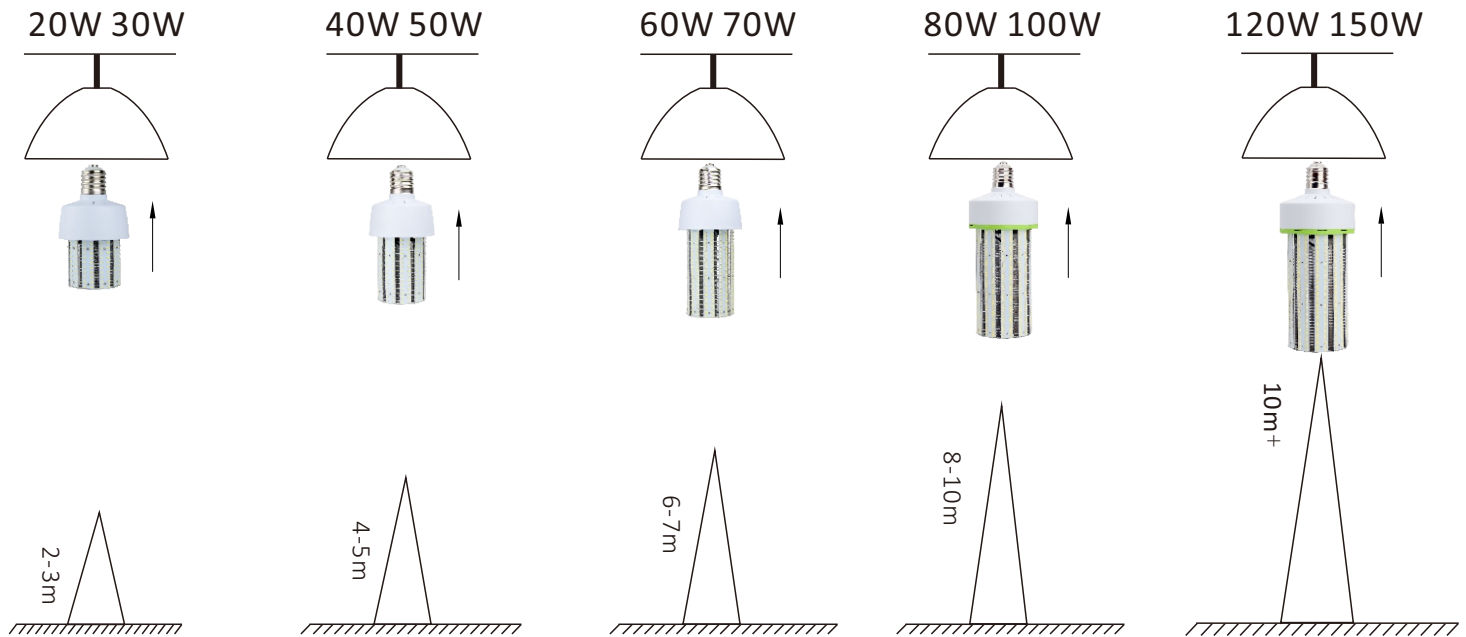
CFL replacement



HPS,MH,HID replacement



Installation suggestion



- 1, LED Corn Bulbs are retrofit led bulbs which use the latest cooling heat sink technology. Heat is blown out from side gaps rapidly. And they are just perfect to replace the existing metal halide, high pressure sodium, HQI, Son-T, halogen, etc.
- 2, Choose from various wattage options for high bay lighting application, each suits a different location and has its perfect lighting effect at different height.
- 3,

20W = 50-75W MH	30W = 75-105W MH	40W = 125-150W MH
50W = 175-225W MH	60W = 225-250W MH	70W = 250W-275W MH
80W = 250-300W MH	100W = 300W MH	120W = 400W MH 150W = 500W MH

Packing Details

Packed QTY	12 Pieces
Net Weight	1.9 lbs/pc
Gross Weight	32lbs/ctn
Box Size	5.9"*5.9"*14.2"
Carton Size	2 "*"19.7"*15. "

