

# Technical Datasheet for 120W led corn bulb



## Special Features:

1. Build-in Isolated Driver with 5-7 years lifetime( **New technology** )

Build-in Driver with unique technology , lasting 5-7 years. So our LED streetlights' lifespan can reach 40,000 hours, and according to 12 hours working per day, it can be constantly used for more than 5-year.

## 2, LED

- A, 2835 SMD LED
- B, High CRI
- C, Super bright LED , up to 30Lm/pc

3. Build-in Z –Diodes ( **New technology** )

Even if one led failed, the remaining LEDs will still work.

## 4. Warranty Policy

3 years warranty with original written warranty ; 20,000 switch cycles(on/off switching).

## 5, Safety

Patented design for thermal structure . no danger to touch the LED because it will be protected by cover .

## 6, Simple

It is easy to use and install with the instruction manual .

## 7, Professional

Full installation instructions and diagrams provided .

## 8, Principles

Fully compliant with electrical Safety standards : CE , TUV , PSE, FCC

Photobiological Safety standards : EN 62471

Hazardous materials restriction standards: RoHS

Quality Management standards: ISO 9001

## Application:



1. Street Lighting

2. Sporting area Lighting

3. Square, parks, roads, factories, airports, subway, courtyard

4. Others

## Drawing :



E27/E26



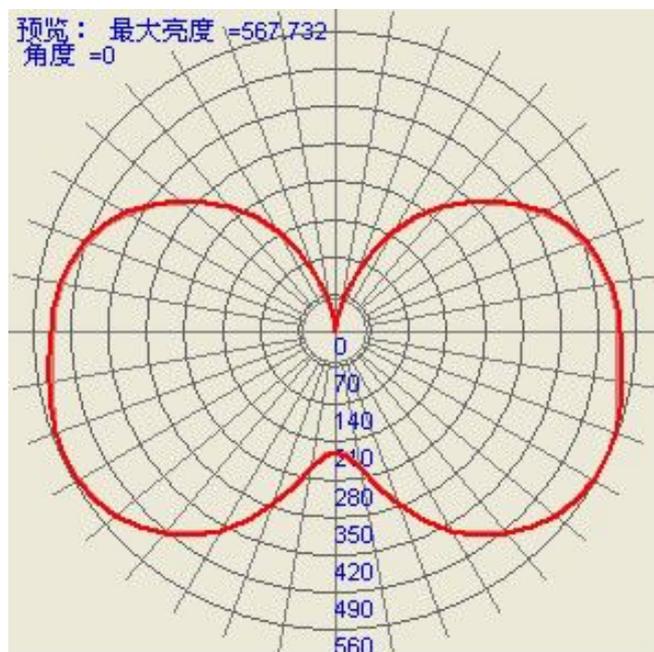
E40/E39

## Technical Specification:

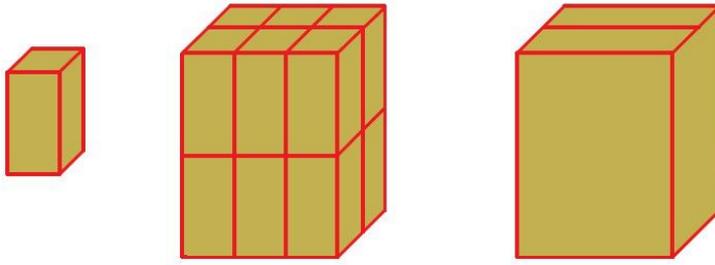
Item NO.	AZG-SLE40-120W
Replacement	250w Sodium lamp

LED Source	2835 SMD LED
Base	E27/E26 or E40/E39
LED Initial Flux	12000-13000Lm
Lamp Power	120W±10%
Power Efficiency	90%
Lamp Flux	10000lm(Tj=25)
Lamp's Efficiency	100-110lm/w
Bean Angle	360 degree
Light Distribution Curve (Beam Pattern)	Asymmetric(Bat Wing )/Rectangular Beam
Input Voltage	AC90-277V
Frequency Range	47-63Hz
Power Factor (PF)	>0.95
Total Harmonic Distribution(THD)	<16%
Storage Temperature	-20℃--+80℃
Working Environment	-20℃--+50℃ : 10%-95%RH
Junction Temperature (Tj)	60℃ ± 10% (ta=25℃)
Light Body and Lampshade Material	Aluminum Alloy and PC
Working Lifetime	50000hrs
IP Rating	IP55
Weight	2kg
Product Size (mm)	Φ 110X380

**Light distribution Curve ( IES File available, please contact us )**



**Packing Details:**



Part No.	Item Size	Packing Qty	Gross Weight	Carton Size(L*W*H)
AZG-SLE40-120W	Φ110X380mm	12Pcs	24 kg	420x130x130mm

### **Caution & Warning:**

1. Use indoor or some place where no water.
2. Work under the fixed voltage.
3. Pls operate in the right way when you install the LED Street light in case to avoid the power harm and body harm. When installing, please note the short-circuit protect such as the socket with the fuse.
4. non-dimmable
- 5, If any doubt about the installation or use of this product, consult a competent electrician or technician .