

LI-ON POWER

300W LED Street Light Specification



(Light style diagram, 300W light will actually have 300 lamp beads.)

Performance Characteristics

1. Using high-brightness LED lamp beads as the light source. The high-brightness semiconductor chip used is imported from American Bridgelux chips. It has high thermal conductivity, low light decay, pure light color and no ghosting.
2. Lamp housing is made of aluminum alloy, surface anodized and sprayed, and embedded with anti-aging silicone sealing tape. The overall lamp meets IP65 standard.
3. The use of frosted lens effectively improves the reflectivity, ensures the luminous flux output, and improves the uniformity of the light output effect of the lamp and the utilization of light energy, highlighting the obvious energy saving advantages of the LED lamp.
4. Perfect protection measures include short-circuit protection, reverse connection protection, surge protection and other protective measures.
5. The light effect is very high, 10 times that of incandescent lamp and tungsten halogen lamp, 4 times that of high pressure sodium lamp, 3 times of energy saving lamp. LED light source has very good color rendering, and its color rendering index is above 70Ra, while high pressure sodium lamp's color rendering index is only 20Ra.
6. Good stability, long service life. Service life up to 100,000 hours at the right current and voltage, more than 10 times longer than traditional light source.

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7.Environmentally friendly, LEDs are made of non-toxic materials, unlike mercury-containing fluorescent lamps that can cause pollution, and LEDs can be recycled. There is no ultraviolet light or infrared light in the spectrum, no heat, no radiation, small glare, cold light source, safe touch, and it is a typical green light source.

Quality Assurance

- The whole lamp is guaranteed for three years.

Technical Parameter

Lamp model	KN-DC-100W	Remark
rated power	300W	
Light body material	Tensile aluminum & Conjoined frosted lens	
Lamp body color	Sand gray	
Input voltage	DC24V	
Chip brand	American Bridgelux chips	
Number of beads	300	
Luminous flux	>36000Lm	
LED light effect	>120m/W	
Dimming function	No	
Color temperature	6000K - 6500 K	customizable
Color rendering index	>70Ra	
Beam angle	60*120°	
Light distribution mode	batwing light distribution	
Operating temperature	- 40 ° C ~ 70 ° C	
Storage temperature	0° C ~ 40 ° C	
Service life	> 50,000 Hrs	
Protection level	IP65	
Package size	800*320*100mm	