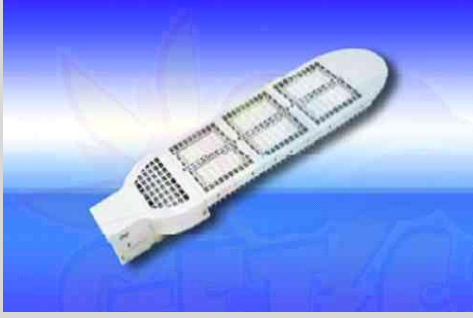


Introduction








SPG LED Streetlight 150W utilizes low voltage to illuminate high-intensity LEDs as a powerful light source for highways, streets, parks and roadways. SPG LED Streetlights can be directly connected with an 85-264VAC power supply or from a solar array and batteries. The LED color spectrum emits no ultraviolet light, no infrared rays, no heat, and produces no radiation. The SPG Streetlight 150W is a new technology energy saver ready for AC retrofit or a DC lighting solution.

	Model Name	SPG LED Streetlight 150W
	Model Name	GTX-BBEST150W48DC64K
	Rated Power Consumption	180W
	Luminous Flux	13,200lm
	Rated Working Voltage	100 - 277 VAC, 48VDC
	Life Span	>50,000 Hours
	IP Rating	IP65
	Certificates	CE, RoHS, UL No. E334429
	Payment Terms	T/T, L/C
	Warranty	60 months
	Photocell on/off	Optional

Performance Specifications

Item	Model	LD48
Input Voltage		AC 100 ~ 277 V
Frequency Range		47 ~ 63 Hz
Power Factor (PF)		≥0.95
Total Harmonic Distortion (THD)		< 10%
Power Efficiency		≥85 %
LED Module Working Voltage		48V DC
LED Consumption		50 W
Power Supply Consumption		10 W
LED Luminous Efficiency		≥100 lm/w
LED Initial Flux		5,300 lm (T _j =25°C)
LED Maintain Flux		4,900 lm (T _j =70°C, T _a =25°C)
Lamp Output Flux		4,400 lm (T _j =70°C, T _a =25°C)
Lamp's Efficiency (%)		>90 %

Feature Specifications

	<p>1. Modularization BBE LED Street Light is made in modularization, which is very easy for discharge and re-assembly, so it is easy for maintenance. When there is some damage, you can just replace the broken module, no need to replace the whole lamps, so it saves you more costs. And it is very convenient for you to make a new lamp by yourselves.</p>
	<p>2. Rectangular Beam Focusing Lens BBE LED Street Light originates the rectangular beam pattern focusing lens, it is a patent design. There guarantees no darkness between each lamp, it is the best for street illumination, meanwhile, sharply increases the usage efficiency of light.</p>
	<p>3. Air Convection Heat Sink Design Fully utilize convection by the air flow brought by cars movement, helping the heat dissipation. The unique design enlarges the heat sink area, the external power supply make the discharge of heat more easily.</p>
	<p>4. Constant Voltage and Current Power supply was designed base on system with constant voltage and current ,which can protect the LED very well and make LED omit more light and produce less heat, ensure the long working life, make energy saving, environment protecting into reality.</p>
	<p>5. Adjustable Installation Angle BBE LED Street Light can be mounted with different angles by only sliding the metal block, which is more reasonable for the installation and much better for street illumination.</p>
	<p>6. Easy Cable Connecting BBE LED Street Light is people-oriented, there is a small cover at the top for the easy cable connecting, saves more time for installation.</p>
	<p>7. Eutectic Soldering Packaging BBE LED Street Light is eutectic soldering packaging, it is the most advanced led packaging technology in the world and much better for the high power led packaging than the traditional silver epoxy packaging. The eutectic packaging can dissipate the heat much quicker, guarantees the high brightness and long life.</p>