

# BBE SP50 – High Power LED Lamp Head



## Benefits

- ▼ **Low Power Consumption** - 3W
- ▼ **High Brightness** - Up to 190 Lumens, 8 TIMES than the incandescent lamps
- ▼ **Long Life** - Up to 50,000 Hours, adopted the PWM constant current power, protect the LEDs efficiently
- ▼ **Robust Design** - Shock and vibration resistant
- ▼ **Light Beam** - Low heat generated/No UV, adopted the integrative lamp cup & radiator, scatter heat quickly
- ▼ **Easy Installation** - Fits and replace the traditional GU10 or Edison light source directly
- ▼ **Save Money** - Reduces labor and maintenance costs
- ▼ **Related Approvals** - CE, RoHS, UL

## Design For:

Apply to homes, shopping centers, conference rooms, display counters lighting and decoration, usually installed in the canister lamp case (minimum 2.5 inch).

## Special Features:

No.	Special Features
1	With proprietary optical technology, high beam pattern definition and brightness uniformity;
2	<b>Unique Integrated Lens and Lampshade Design.</b> The lens have both light focus and protection LED protection function, avoid the brightness wastage, let the product looks more concise beauty.
3	<b>Creative High Power LED Planar Combine Packaging, Radiator and Lamp holder Integration.</b> Fully protect LED life and heat dissipation requirements, satisfied with the structure and design of LED Lights fundamentally, which the most distinctive features of LED Lights;
4	<b>Tremendous Energy Saving,</b> Used the ultra high power, high brightness LED light source ,together with the high power efficiency power supply, which can save energy up to 80% than the conventional incandescent lamps, under the same power consumption, the brightness is 8 times than the traditional incandescent lamps;
5	<b>Long Life, Up to 50,000 Hours, 50 times than the conventional tungsten wire lamp:</b> Used highly reliable, advanced LED packaging technology - Eutectic Welding, fully guaranteed the LED long life;
6	<b>No Strobe Flashing,</b> Working under DC, eliminate the tireless which caused by the traditional strobe flashing;
7	<b>Green and Environmental Protection:</b> no lead, no mercury, no environmental pollution;
8	<b>Impact Resistance, Shock-proof, Without Ultraviolet (UV) and Infrared (IR) Radiation:</b> No filament and glass frames, avoid break of the traditional lamp, without harm to the human body;



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9	<b>Work under Low-voltage and Low-Heat, Safe and Reliable:</b> The surface temperature is less than ( $T_a=25^{\circ}\text{C}$ ambient temperature);
10	Adopting the PWM constant-current technology, with high efficiency, low heat and high precision constant current;
11	Global Wide Working Voltage, with constant-current under 85-264VAC entire voltage range, the brightness and lifetime will be not influenced b the voltage fluctuations;
12	<b>Reduced Line Loss, No Pollution to Power Network:</b> Power factor $\geq 0.9$ , THD $\leq 20\%$ , EMI apply with the global universal index, reduce the power loss and transmission lines to avoid contamination of the network of high frequency interference;
13	With Various Universal standard bases, can replace the halogen, incandescent and fluorescent lamp directly;
14	High brightness efficiency, up to 80lm/w, various color temperature optional, High Color Index, Nice Coloration;
15	<b>Have a number of patents for inventions and utility model patents.</b>
16	With various certifications: CE, RoHS, UL.

### Main Specifications:

Item	Spec.
Model Number	SP50
Model Name	High Power LED Lamp Cup
Dimension	$\varnothing 50 \times 71\text{mm}$
Emission Color	Pure White, Warm White (Red, Yellow, Green and Blue optional)
Color Temperature	Pure White: 5,000 – 7,000K, Warm White: 3,000 – 4,000K
CRI	$R_a > 70$
Luminescence Angle	$30^{\circ}$
Lumens	190 lm
Working Voltage	85-264VAC or 12VAC/DC
Power Consumption	3W
Lamp Lens	Acryl
Lamp Cup Radiator	Alloy Aluminum Plating
Lamp Base	E27, E26, E17, E14, E12, GU10
Certification	CE, RoHS, UL
Packing	1 pc/White Box, 10 pcs/Middle Box, 100 pcs/Carton
Carton Size	584 x 458 x 372 mm
Container Q'ty (pcs)	20'Q: 28,800 pcs 40'Q: 60,000 pcs, 40'HQ: 70,000 pcs
Warranty	12 Months



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