

## BBE SP70 – High Power LED Bulb



### Benefits

- ▼ **Low Power Consumption** - 5W
- ▼ **High Brightness** - Up to 250lm 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 standard Edison base socket and replace the traditional Edison light source directly
- ▼ **Save Money** - Reduces labor and maintenance costs
- ▼ **Related Approvals** - CE, RoHS, UL

### Design For:

Apply to home, shopping malls, office lighting, as well as festive lighting, parks, the arena, and so on, can be universally used for various pendant lights and canister lamp case (minimum 3.5 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                                                                                                                                                                                                                                    |

## BBE SP70 – High Power LED Bulb

|    |                                                                                                                                                                                                                                                                    |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | filament and glass frames, avoid break of the traditional lamp, without harm to the human body;                                                                                                                                                                    |
| 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         | SP70                                                          |
| Model Name           | High Power LED Bulb                                           |
| Dimension            | $\varnothing 70 \times 99\text{mm}$                           |
| 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   | $120^{\circ}$                                                 |
| Lumens               | 250 lm                                                        |
| Working Voltage      | 85-264VAC, 12V or 24VAC/DC                                    |
| Power Consumption    | 5W                                                            |
| Lamp Lens            | Acryl                                                         |
| Lamp Cup Radiator    | Alloy Aluminum                                                |
| Lamp Base            | E27, E26                                                      |
| Certification        | CE, RoHS, UL                                                  |
| Packing              | 1 pc/White Box, 10 pcs/Middle Box, 50 pcs/Carton              |
| Carton Size          | 714 x 538 x 228 mm                                            |
| Container Q'ty (pcs) | 20'Q: 16,000 pcs 40'Q: 33,000 pcs, 40'HQ: 39,600 pcs          |
| Warranty             | 12 Months                                                     |