

Features and Benefits

- Light source: 27 pieces SMD LED
- Superior lumens maintenance of 70% after 30,000 hours of use
- GLS pear shape bulb type
- Low heat, less than 60°C for 6W
- No UV or IR light radiation
- Instant “ON” to 100% brightness
- No mercury or other inorganic
- Clear glass lens with patented flame optics
- Highest luminous efficacy: up to 85lm/w for warm white color
- Machined aluminum heat fins with excellent thermal efficiencies
- Available color temperatures:
 - 2800K – 3200K (Warm White)
 - 4000K – 5000K (Natural White)
 - 5000K – 6000K (Cool White)
- 6W LED bulb can achieve directional light output equal to 60W incandescent bulb
- 2 year limited warranty (see page 4)
- Direct replacement of traditional bulb



NEW!

Note: Picture for illustration only



Typical Applications

- Energy Saving Programs
- Sustainable Energy
- General Lighting
- Sconce Lighting
- Bath and Vanity Lighting
- Mood Lighting



Clear Bulb Light Up

PRELIMINARY

PRODUCT SPECIFICATIONS

LIGHT SOURCE	27X SMD LEDs
OPTICS	Patented flame optics with clear lens
BULB TYPE	pear shape GLS
BEAM ANGLE	approx 300° (Flood)
RENDERING INDEX (Ra)	≥80
TOTAL LENGTH	See product dimensions below
WEIGHT	109 ± 2 g
HEATSINK	Machined pure aluminum with anodize finish
BASE TYPE	E26 / E27 / B22
DIMMABILITY	Non-dimmable

ENVIRONMENTAL SPECIFICATIONS

TEMPERATURE RANGE	Ambient: -20°C to 40°C; Surface of Lamp: 60°C to 70°C
HUMIDITY RANGE	0 to 95% non-condensing humidity

ELECTRICAL SPECIFICATIONS

VOLTAGE REQUIREMENT	90V ~ 240V AC
POWER CONSUMPTION	6W
POWER FACTOR	≥ 0.9

PRODUCT DIMENSIONS (mm)

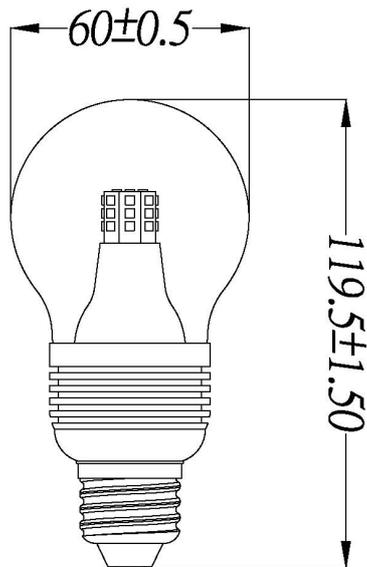


Fig 1. E27/E26 Base

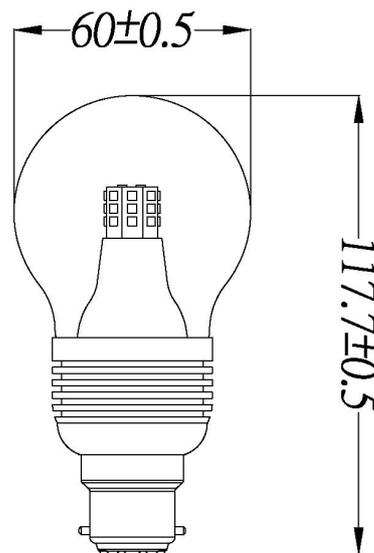


Fig 2. B22 Base

PRELIMINARY

PRODUCT ORDERING CODE

ORDER CODE	Light Color	Color Temp (°K)	Base Type	Operating Voltage	Power (W)	Typical Luminous Flux (lm)	Typical Illuminance@ 2m (Lux)	BEAM ANGLE
PSC60WE276110/S2323	Cool White	5000K~7000K	E27	100~120 VAC	6W	650 lm±5%	n/a	300° ±2°
PSC60NE276110/S2323	Nat. White	4000K~5000K				610 lm±5%	n/a	
PSC60VE276110/S2323	Warm White	2800K~3200K				550 lm±5%	n/a	
PSC60WE276230/S2323	Cool White	5000K~7000K		220~240 VAC		650 lm±5%	n/a	
PSC60NE276230/S2323	Nat. White	4000K~5000K				610 lm±5%	n/a	
PSC60VE276230/S2323	Warm White	2800K~3200K				550 lm±5%	n/a	
PSC60WE266110/S2323	Cool White	5000K~7000K	E26	100~120 VAC	6W	650 lm±5%	n/a	300° ±2°
PSC60NE266110/S2323	Nat. White	4000K~5000K				610 lm±5%	n/a	
PSC60VE266110/S2323	Warm White	2800K~3200K				550 lm±5%	n/a	
PSC60WE266230/S2323	Cool White	5000K~7000K		220~240 VAC		650 lm±5%	n/a	
PSC60NE266230/S2323	Nat. White	4000K~5000K				610 lm±5%	n/a	
PSC60VE266230/S2323	Warm White	2800K~3200K				550 lm±5%	n/a	
PSC60WB226110/S2323	Cool White	5000K~7000K	B22	100~120 VAC	6W	650 lm±5%	n/a	300° ±2°
PSC60NB226110/S2323	Nat. White	4000K~5000K				610 lm±5%	n/a	
PSC60VB226110/S2323	Warm White	2800K~3200K				550 lm±5%	n/a	
PSC60WB226230/S2323	Cool White	5000K~7000K		220~240 VAC		650 lm±5%	n/a	
PSC60NB226230/S2323	Nat. White	4000K~5000K				610 lm±5%	n/a	
PSC60VB226230/S2323	Warm White	2800K~3200K				550 lm±5%	n/a	

Typical Electrical Characteristics at T_a=25°C
6W Model

Parameter	Symbol	Min	Typ	Max	Unit
Input Voltage (110V AC)	V _{AC}	90	—	120	V
Input Voltage (230V AC)	V _{AC}	220	—	260	V
Input Current (@230V AC)	I _F		51	—	mA
Estimated usable Life ^[1]		—	30,000	—	hours
Optimized Body Temperature	T	—	65	70	°C

Note[*] – Manufacturer projects BriLED lamp made with Samsung LED to maintain an average of 70% lumens maintenance after 30,000 hours. This estimation is made based on data from LED manufacturer

LIMITED WARRANTY

Manufacturer warrants to the Purchaser that each Product manufactured and sold by it will be free from defects in material and workmanship in its intended use (normal wear and tear excepted) for the period of two year from manufactured date. Manufacturer's warranty flows only to Purchaser. If any Product covered by this warranty is returned by Purchaser in accordance with Manufacturer's Products Return Policy, including without limitation its return authorization provisions, within the applicable warranty period set forth above, and upon examination Manufacturer determines to its satisfaction that such Product was defective in material or workmanship at the time of delivery to the Purchaser, Manufacturer will, at its option, repair or replace the Product or the defective part thereof, or reimburse Purchaser for the purchase price. For purposes of clarity, "repair or replace the Product or the defective part thereof" does not include any reinstallation costs or expenses. If Manufacturer chooses to replace the Product and is not able to do so because it has been discontinued or is not available, Manufacturer may replace it with a comparable product. The Products Return Policy is posted on Manufacturer's Internet web site at http://www.brilliance-led.com/En_terms_conditions.asp. The foregoing notwithstanding, Manufacturer will not be responsible for damage to any Product resulting from misuse, negligence, acts of God or accident or resulting from repairs or alterations made by any person or firm not duly authorized by Manufacturer in writing. Purchaser shall convey with each Product distributed to end users the MANUFACTURER'S LIMITED WARRANTY included by Manufacturer with such Product, and, if Manufacturer determines that the appropriate remedy for a defective product is refund of Purchaser's purchase price, Purchaser shall refund to the end user (or arrange for the refund to the end user of) the full purchase price paid by the end user for such defective Product.

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Patents Pending Product
6W BriLED – PSC60/S2323 Rev. 1.0a
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