

Features and Benefits

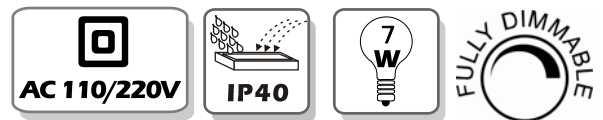
- Light source: 1 piece 6W Zenigata LED
- Long LED life: More than 30,000 hours
- 60mm pear shape bulb
- Low heat, less than 60°C for 7W
- No UV or IR light radiation
- Instant “ON” to 100% brightness
- No mercury or other inorganic
- Highest luminous efficacy: up to 52lm/watt for white color
- Homogeneous flood illumination
- Stamped aluminum heatsink with excellent thermal efficiencies
- The 7W BriLED bulb is available in the following white color temperatures:
2600K – 3000K (Warm White)
4000K – 5000K (Natural White)
5000K – 6000K (Cool White)
- 7W LED bulb can achieve directional light output equal to 60W incandescent bulb
- 2 year limited warranty (see page 6)
- Works with worldwide electrical systems (100/110 or 230V AC)

Typical Applications

- Energy Saving Programs
- Sustainable Energy
- Replace Standard GLS lamps
- Accent Lighting
- Bath and Vanity Lighting
- Amusement Park Lighting



Note: Picture for illustration only



DIMMING RANGE

10%  100%

PRELIMINARY

PRODUCT SPECIFICATIONS

LIGHT SOURCE	1X6W Sharp power LED
OPTICS	White diffused glass lens
BULB TYPE	60 mm pear shape
BEAM ANGLE	120° (Flood)
RENDERING INDEX (Ra)	>80 (warm white) >75 (natural white) >70 (cool white)
TOTAL LENGTH	See product dimensions below
WEIGHT	120 ± 2g
HEATSINK	Stamped aluminum with silver anodize finish or white paint finish
BASE TYPE	E26 / E27 / B22
DIMMABILITY	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	100/110V or 230V AC
POWER CONSUMPTION	≤ 7.7W
POWER FACTOR	≥ 0.75

PRODUCT DIMENSIONS (mm)

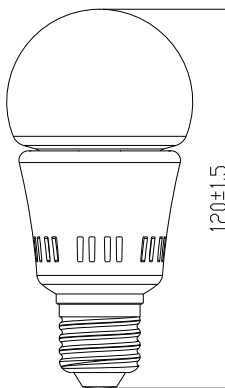


Fig 1. E27 Base

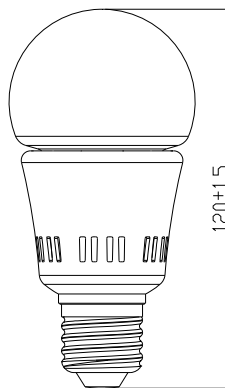


Fig 2. E26 Base

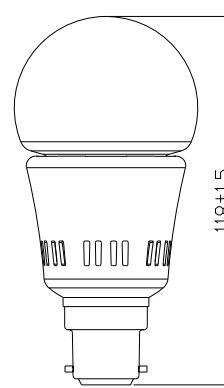


Fig 3. B22 Base

PRELIMINARY

PRODUCT ORDERING CODE

ORDER CODE	Color	Color Temp (°K)	Base Type	Operating Voltage	LED Power (W)	Typical Luminous Flux (lm)	BEAM ANGLE
PS260WE267110/SD-W	Cool White	5000K-6000K	E26	100/110 VAC	1X6W	500 lm ±5%	120° ±2°
PS260NE267110/SD-W	Natural White	4000K-5000K				N/A	
PS260VE267110/SD-W	Warm White	2600K-3000K				420 lm ±5%	
PS260WE267230/SD-W	Cool White	5000K-6000K		230 VAC		500 lm ±5%	
PS260NE267230/SD-W	Natural White	4000K-5000K				N/A	
PS260VE267230/SD-W	Warm White	2600K-3000K				420 lm ±5%	
PS260WE277110/SD-W	Cool White	5000K-6000K	E27	100/110 VAC	1X6W	500 lm ±5%	120° ±2°
PS260NE277110/SD-W	Natural White	4000K-5000K				N/A	
PS260VE277110/SD-W	Warm White	2600K-3000K				420 lm ±5%	
PS260WE277230/SD-W	Cool White	5000K-6000K		230 VAC		500 lm ±5%	
PS260NE277230/SD-W	Natural White	4000K-5000K				N/A	
PS260VE277230/SD-W	Warm White	2600K-3000K				420 lm ±5%	
PS260WB227110/SD-W	Cool White	5000K-6000K	B22	100/110 VAC	1X6W	500 lm ±5%	120° ±2°
PS260NB227110/SD-W	Natural White	4000K-5000K				N/A	
PS260VB227110/SD-W	Warm White	2600K-3000K				420 lm ±5%	
PS260WB227230/SD-W	Cool White	5000K-6000K		230 VAC		500 lm ±5%	
PS260NB227230/SD-W	Natural White	4000K-5000K				N/A	
PS260VB227230/SD-W	Warm White	2600K-3000K				420 lm ±5%	

Typical Electrical Characteristics at T_a=25°C
7W Model

Parameter	Symbol	Min	Typ	Max	Unit
Input Voltage (100/110V AC)	V _{AC}	90	—	120	V
Input Current (@ 110VAC)	I _{AC}		90		mA
Input Voltage (230V AC)	V _{AC}	200	—	260	V
Input Current (@230VAC)	I _{AC}	—	45	—	mA
Estimated Life ^[1]		—	30,000	—	hours
Optimized Body Temperature (1X6W LED)	T	—	60	65	°C

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

PRELIMINARY

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 years 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.

THIRD PARTY WARRANTIES

With respect to products sold to the Purchaser by Manufacturer but not manufactured by Manufacturer, MANUFACTURER MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, but will make available to the Purchaser, to the extent permitted by law and relevant contracts, the warranties of the manufacturer of the relevant product upon the Purchaser's timely written request.

NON-IMPLIED WARRANTIES

THE WARRANTIES GIVEN IN THESE TERMS ARE THE ONLY WARRANTIES GIVEN BY THE MANUFACTURER WITH RESPECT TO THE PRODUCTS AND ARE GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, OF NON INFRINGEMENT AND OF FITNESS FOR A PARTICULAR PURPOSE. PURCHASER'S EXCLUSIVE REMEDIES, AND MANUFACTURER'S SOLE LIABILITY, FOR ANY NONCONFORMITY OR DEFECT IN ANY PRODUCT SHALL BE THOSE EXPRESSED HEREIN.

LIMITATION OF LIABILITY

An essential purpose of the limited exclusive liabilities and remedies in this Agreement is allocation of risks between Manufacturer and Purchaser, which allocation of risks is reflected in the purchase price for the Products. UNDER NO CIRCUMSTANCES SHALL MANUFACTURER'S LIABILITY ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR MANUFACTURER'S PERFORMANCE OR ASSERTED FAILURE TO PERFORM HEREUNDER, IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, EXCEED THE PURCHASE PRICE OF THE PRODUCT TO WHICH SUCH LIABILITY RELATES. IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, WHETHER OR NOT MANUFACTURER HAS BEEN ADVISED OF THE POSSIBILITY THEREOF.

Patents Pending Product
7W BriLED – PS260/SD Rev. 1.0a
Specifications are subject to change without notice.
Copyright Brilliance Technologies Co., Ltd. All rights reserved



PRELIMINARY