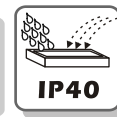




Features and Benefits

- Light source: 1 x 4 Watt SHARP LED
- Patent pending flicker-free LED dimming technology
- Superior lumens maintenance of 70% after 30,000 hours of use
- Pear Shape GLS bulb type
- Low heat, less than 60°C for 4 Watt
- No UV or IR light radiation
- Instant "ON" to 100% brightness
- Dimmable from 10% to 100% brightness
- No mercury or other inorganic waists
- Clear glass lens with patented flame optics
- Highest luminous efficacy: up to 50Lm/W for Warm White color
- Machined aluminum heat fins with excellent thermal efficiencies
- Available color temperatures:
2850K (Warm White)
5500K (Cool White)
- 4 Watt LED bulb can achieve directional light output equal to 25 Watt incandescent bulb
- **2 year limited warranty**
- Direct replacement for this E27 Clear lamp in the dimming circuit
- **CE, RoHS**

NEW!



Typical Applications

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

DIMMING RANGE





PRODUCT SPECIFICATIONS

LIGHT SOURCE	1 x 4 Watt SHARP power LED
OPTICS	Patented moulded flame optics with clear lens
BULB TYPE	GLS Pear Shape
BEAM ANGLE	approx 200° (Flood)
RENDERING INDEX (Ra)	≥85 (warm white) ≥85 (cool white)
TOTAL LENGTH	See product dimensions below
WEIGHT	60 ± 2 g
HEATSINK	Machined pure aluminum with anodized finish
BASE TYPE	E27
DIMMABILITY	Dimmable on standard commercial dimmer (traic dimmer)

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	0~120 or 0~240V AC (dimnable)
POWER CONSUMPTION	≤ 4.8 Watt
POWER FACTOR	≥ 0.5

PRODUCT DIMENSIONS (mm)

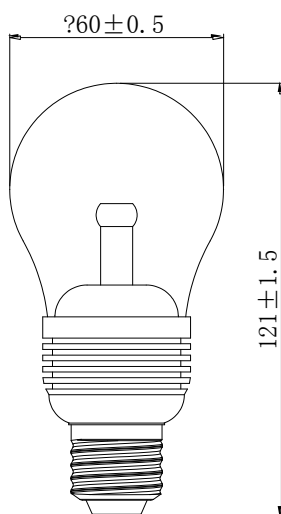


Fig 1. E27/E26 Base



PRODUCT ORDERING CODE

ORDER CODE	Light Color	Color Temp (°K)	Base Type	Operating Voltage	LED Power (W)	Typical Luminous Flux (lm)	Typical Illuminance @ 2m (Lux)	BEAM ANGLE
PSC60W-E27-3-220/SD	Cool White	5500K		0~240 VAC		200 lm	n/a	
PSC60V-E27-3-220/SD	Warm White	2850K				130 lm	n/a	

Typical Electrical Characteristics at T_a=25°C

4 Watt Model

Parameter	Symbol	Min	Typ	Max	Unit
Input Voltage (230VAC dimmable)	V _{AC}	0	—	240	V
LED Forward Current (variable)	I _F	10	—	330	mA
Estimated usable Life ^[1]		—	30,000	—	hours
Optimized Body Temperature (1X4 WattLED)	T	—	55	60	°C

Note[*] – Manufacturer projects EcoDIM 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

2 YEAR 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 (2) years from date of manufactured (the manufacturing date) from Manufacturer. 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 shipping 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 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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WARNING:

Design and Model patents in China, Europe, USA and Asian Countries have been applied for since Oct 2009 and we shall not hesitate to bring any manufacturing or distributing parties infringing our Intellectual Property Rights to Court and claim damages.

Patents Pending Product
4 Watt EcoDIM – PSC60/SD
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