



- 1 x 4 Watt SHARP LED
- 60mm Pear Shape Bulb type
- **Instant "ON" to 100% brightness**
- **Dimmable from 0% to 100% brightness**
- **No special dimmers required, lamp has built in dimmer circuit**
- **Shatterproof with silicone coated lens**
- Low heat, less than 60°C for 4 Watt
- No UV or IR light radiation
- No Mercury or other inorganic waste
- Highest luminous efficacy: up to 45Lumen/Watt for Cool White
- Aluminum heat fins with excellent thermal efficiencies
- Available color temperatures:
2600K – 3000K (Warm White)
6000K – 7000K (Cool White)
- 4 Watt LED bulb can achieve directional light output equal to **40 Watt** Ball Shape Bulb in Warm White
- Homogeneous flood illumination in any burn position
- Direct replacement for any incandescent bulb in the dimming circuit
- Patent pending flicker free LED dimming technology
- **KEMA, CE, RoHS**

NEW!

DIMMING RANGE



Typical Applications

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





PRODUCT SPECIFICATIONS

LIGHT SOURCE	1 x 3.6 Watt SHARP power LED
OPTICS	White diffused lens or silicone coated frosted lens
BULB TYPE	60mm pear shape (PS)
BEAM ANGLE	120° (Flood)
RENDERING INDEX (Ra)	>70 (warm white) >60 (cool white)
TOTAL LENGTH	See product dimensions below
WEIGHT	52 ± 2 g
HEATSINK	Aluminium with anodized finish
BASE TYPE	E27
DIMMABILITY	Dimmable by phase cutting dimmer (standard house hold 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	0~220V AC (dimmable)
POWER CONSUMPTION	≤ 4 Watt
POWER FACTOR	≥ 0.5

PRODUCT DIMENSIONS (mm)

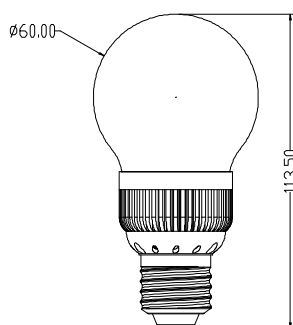


Fig 1. E27 Base





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
PS60W-E27-3-220/SD	Cool White	6000K~7000K	E27	0~220 VAC	1X3.6 Watt	160 lm	n/a	120° ±2°
PS60V-E27-3-220/SD	Warm White	2600K~3000K				110 lm	6	

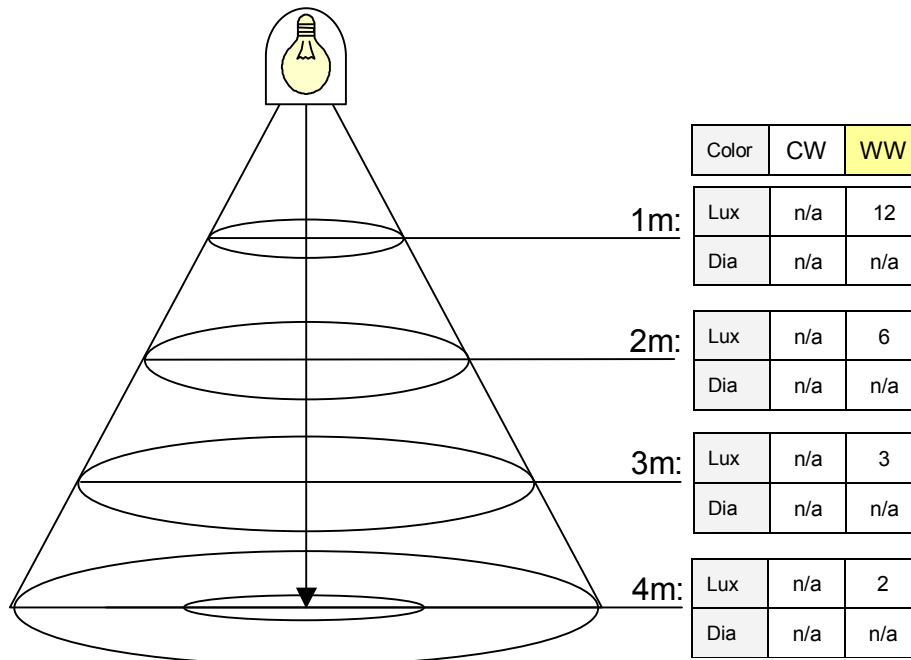
Typical Electrical Characteristics at T_a=25°C

4W Model

Parameter	Symbol	Min	Typ	Max	Unit
Input Voltage (AC dimmable)	V _{AC}	0	—	240	V
LED Forward Current (variable)	I _F	10	—	300	mA
Estimated usable Life ^[*]		—	30,000	—	hours
Optimized Body Temperature (1X3.6 Watt LED)	T	—	55	60	°C

Note[*] – Manufacturer projects EcoLED lamp made with Sharp LED to maintain an average of 70% lumens maintenance after 50,000 hours. This estimation is made based on data from LED manufacturer

LED Bulb Illuminance Measurement



- Notes:
- 1) EcoLED Bulb typical illuminance data is measured with the LED bulb installed in recess reflector can
 - 2) Center beam lux is measured with Digital Lux Meter (Model TES-1334A)



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WARNING:

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4W EcoDIM – PS60/SD Rev. 1.0a
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