



7W LED Bulb

Item Id # 1287 & 1288

Features

- Light source: 1 pc 6.7W Zenigata LED
- Long LED life: More than 40,000 hours
- Low heat, less than 70°C for 7W
- No UV or IR light radiation
- Instant "ON" to 100% brightness
- No mercury or other inorganics
- Highest optical efficiency: 55Lm/watt for white color
- Homogeneous flood illumination
- Aluminum heat fins with excellent thermal efficiencies
- The 7W LED bulb is available in the following color temperatures:
 - 2600K – 3000K (Warm White)
 - 5000K – 6000K (Natural White)
 - 6000K – 7000K (Cool White)
- 7W LED bulb can achieve directional light output equal to 50W incandescent bulb
- 3 year limited warranty
- Works with worldwide electrical systems (110 or 220V AC)



Note: Picture for illustration only

Typical Applications

- Energy Saving Programs
- Sustainable Energy
- Replace Standard GLS lamps
- General Lighting





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PRODUCT SPECIFICATIONS

LIGHT SOURCE	1X 6.7W Zenigata power LED
OPTICS	Optical grade glass lens
BULB TYPE	60 mm pear shape (PS)
BEAM ANGLE	120° (Flood)
RENDERING INDEX (Ra)	>70 (warm white) >60 (natural white) >60 (cool white)
TOTAL LENGTH	E26: 117 mm
WEIGHT	112 ± 2g
HEATSINK	Extruded aluminum with silver anodize finish
BASE TYPE	E26
DIMMABILITY	Not Dimmable

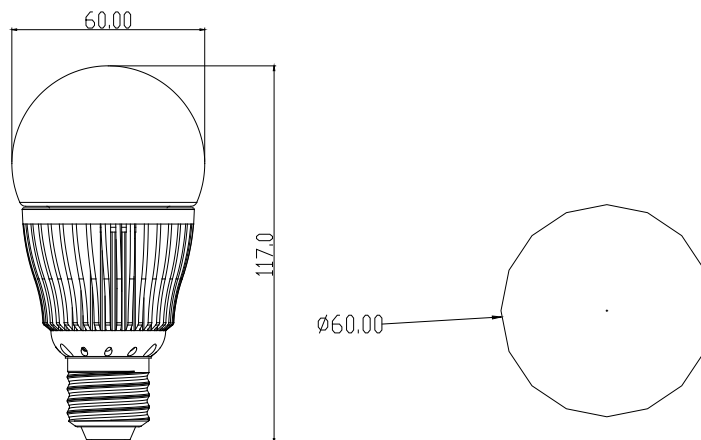
ENVIRONMENTAL SPECIFICATIONS

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	110 or 220V AC
POWER CONSUMPTION	≤ 7W
POWER FACTOR	≥ 0.6

PRODUCT DIMENSIONS (mm)





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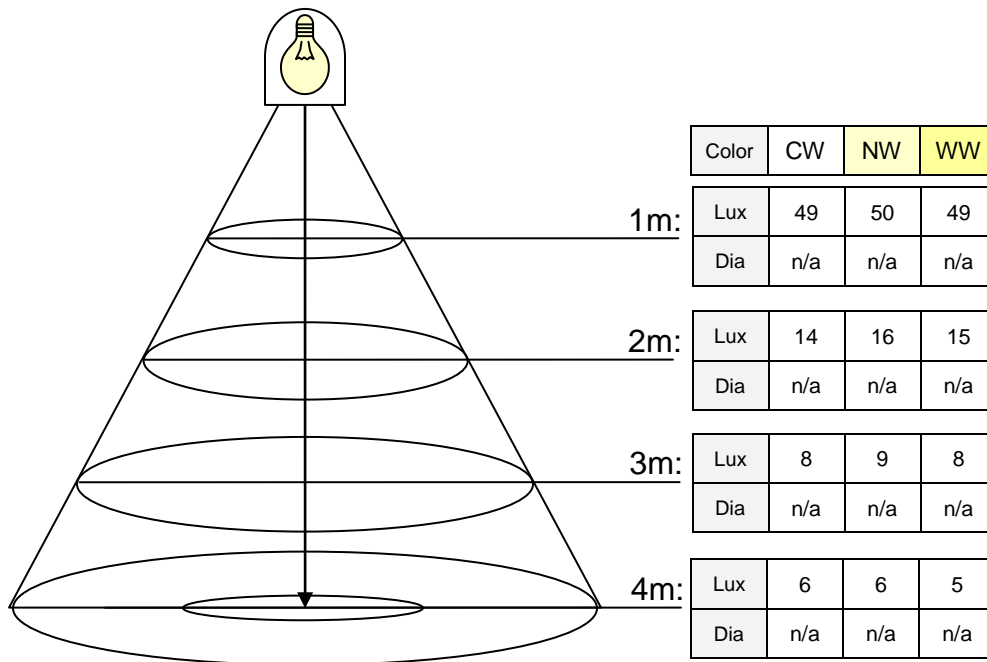
Typical Electrical Characteristics at $T_a=25^\circ\text{C}$

7W Model

Parameter	Symbol	Min	Typ	Max	Unit
Input Voltage (110V AC)	V_{AC}	100	—	120	V
Input Voltage (220V AC)	V_{AC}	200	—	240	V
LED Forward Current	I_F	—	600	—	mA
Estimated Life ^[*]		—	40,000	—	hours
Optimized Body Temperature (6.7W LED)	T	—	66	68	$^\circ\text{C}$

Note[*] – Manufacturer projects LED lamp made with Sharp Zenigata LED to maintain an average of 70% lumens maintenance after 40,000 hours. This estimation is made based on data from LED manufacturer

LED Bulb Illuminance Measurement



- Notes:
- 1) LED 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)