



Lighting solutions that don't cost the earth

## 4 Watt **EcoLED** Clear Candle

- 1 x 4 Watt SHARP LED
- **E14 Short Clear Candle Lamp**
- **Clear glass lens with patented flame optics**
- Low heat, less than 60°C for 4 Watt
- No UV or IR light radiation
- Instant "ON" to 100% brightness
- No Mercury or other chemical waste
- Highest luminous efficacy: up to 40lm/w for cool 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 30 Watt incandescent Candle Bulb
- 2 years limited warranty
- Direct replacement of traditional candle bulb
- **CE, RoHS and KEMA**
- 110 or 220V AC

**NEW!**



### Typical Applications

- Energy Saving Programs
- Household Applications
- Sustainable Energy
- Replace Standard Candle lamps
- General Lighting
- Chandelier Lighting
- Churches





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### PRODUCT SPECIFICATIONS

<b>LIGHT SOURCE</b>	1 x 4 Watt SHARP
<b>OPTICS</b>	Patented flame optics with clear lens
<b>BULB TYPE</b>	short candle lamp
<b>BEAM ANGLE</b>	approx 200° (Flood)
<b>RENDERING INDEX (Ra)</b>	≥85 (warm white) ≥85 (cool white)
<b>TOTAL LENGTH</b>	See product dimensions below
<b>WEIGHT</b>	60 ± 2 g
<b>HEATSINK</b>	Machined pure aluminum with anodize finish
<b>BASE TYPE</b>	E14
<b>DIMMABILITY</b>	Non-dimmable

### ENVIRONMENTAL SPECIFICATIONS

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

### ELECTRICAL SPECIFICATIONS

<b>VOLTAGE REQUIREMENT</b>	100~240V AC
<b>POWER CONSUMPTION</b>	≤ 4 Watt
<b>POWER FACTOR</b>	≥ 0.5

### PRODUCT DIMENSIONS (mm)

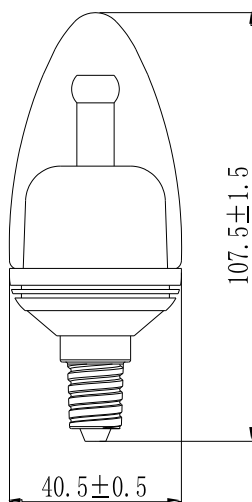


Fig 1. E14 Base



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### 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
CSC41W-E14-3-110/S	Cool White	5500K	E14	100~120	1X4 Watt	160 lm	n/a	200° ±2°
CSC41V-E14-3-110/S	Warm White	2850K		VAC		130 lm	6	
CSC41W-E14-3-220/S	Cool White	5500K		220~240		160 lm	n/a	
CSC41V-E14-3-220/S	Warm White	2850K		VAC		130 lm	6	

### Typical Electrical Characteristics at T<sub>a</sub>=25°C

#### 4 Watt Model

Parameter	Symbol	Min	Typ	Max	Unit
Input Voltage (AC dimmable)	V <sub>AC</sub>	100	—	240	V
LED Forward Current (variable)	I <sub>F</sub>	10	320	—	mA
Estimated usable Life <sup>[1]</sup>		—	50,000	—	hours
Optimized Body Temperature (1X4 Watt)	T	—	55	60	°C

#### 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 date of Purchaser's purchase (the invoice 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 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 [www.linelite.com](http://www.linelite.com) 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



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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 EcoLED – CSC41/S Rev. 1.0a

Specifications are subject to change without notice.

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