

# 4W LED CANDELIGHT



## GENERAL CHARACTERISTICS

Lamp type: LED Bulb replacement  
Bulb: Candlelight  
Base: Candle (E14), Small (E12)  
Wattage: 4W (LED) 4W (Total)  
Voltage: 90-265VAC  
Rated Life: 50,000 hrs  
Bulb Material: Aluminum Heat Sink/ Glass lens

## PHOTOMETRIC CHARACTERISTICS

Initial Lumens: 232 Lm  
Mean Lumens: 230 Lm  
Initial Lumens per Watt: 58 Lm/Watt  
Color Temperature: 2,900K, 3,500K, 4,500K (+/- 50 K)  
Color Rendering Index (CRI): 80 Average

## DIMENSIONS

Diameter: 1.75 in (42 mm)  
Overall Length: 4.75 in (125 mm)

## PRODUCT INFORMATION

Product Code: LC-4.VXXX-YYZ  
Description: 4W LED Bulb  
Standard Package: Case  
Standard Package Quantity: 40\*  
No Of Items Per Sales Unit: 1  
No Of Items Per Standard : 40\*  
Package

\*Product Sold in box of 40

## LED Diode Information

Product Code: JO-HP350  
Description: High Power Diode  
Input Voltage: 3.1 V  
Die: 1 Epistar  
Drive Current: 350 mA  
Lumens: 134 Lm

## 40W Incandescent Bulbs

0.04kW x 3,000 hours = 120kWh per year  
120 kWh x \$0.13 = \$15.60 per year  
\$15.60 x 100 bulbs = \$ 1,560.00 per year

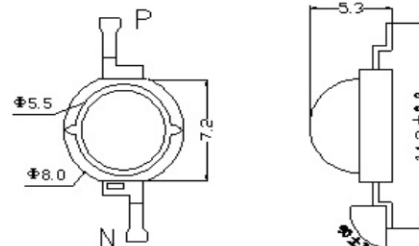
## 4W LED Candle Light

0.004kW x 3,000 hours = 12kWh per year  
12 kWh x \$0.13 = \$1.56 per year  
\$1.56 x 100 bulbs = \$ 156.00 per year



## LC-4.VXXX-YYZ

LC- Candle Light Replacement  
4- 4 Watt  
V- C- E14 / S- E12  
XXX- Input Voltage  
YY- Kelvin 2700, 3,500K, 4,500K  
Z- D represent dimmable



## Product Guarantee

The 3 year warranty covers light output over the period and is subject correct storage, installation, operation and maintenance of this product.



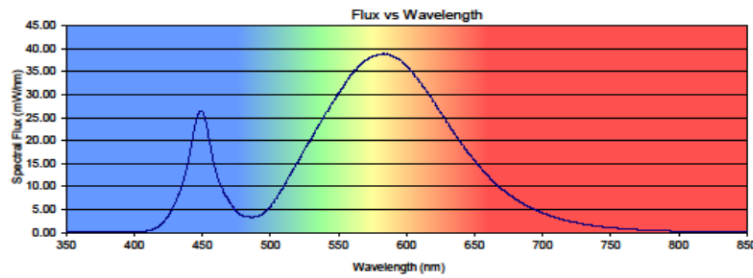
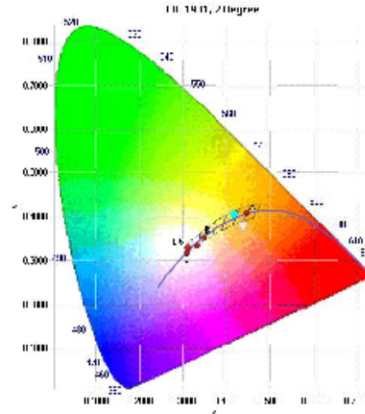
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MADE IN USA

# Photometric Characteristics

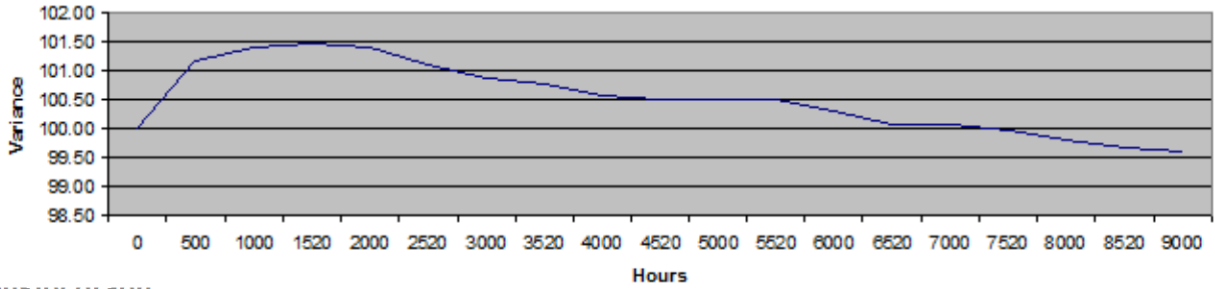
## Lumens Data

Radiant Flux: 637 mW  
 Luminous Flux: 232 Lumens  
 Luminaire Efficiency: 58 Lumens/Watt  
 CCT: 3,347 K  
 CRI (Ra): 78.4  
 Chromaticity (x): 0.4184  
 Chromaticity (y): 0.4055  
 Chromaticity (u): 0.2381  
 Chromaticity (v): 0.3461  
 DUV: 0.0030

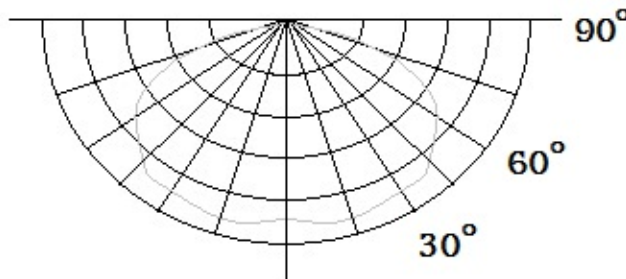


## LED Depreciation

Jireh Opto LED 5050 SMD Lumen Maintenance  
 T<sub>sp</sub>= 45C T<sub>air</sub>= 45C I<sub>f</sub>= 60mA



## Polar Intensity Graph



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