

5W LED BULB



GENERAL CHARACTERISTICS

Lamp type: LED Bulb replacement
Bulb: A-19
Base: Bayonet (B22), Medium E27
Wattage: 5W (LED) 5W (Total)
Voltage: 90-265VAC
Rated Life: 50,000 hrs
Bulb Material: Aluminum Heat Sink/ Glass lens

PHOTOMETRIC CHARACTERISTICS

Initial Lumens: 400 Lm
Mean Lumens: 400 Lm
Initial Lumens per Watt: 80 Lm/Watt
Color Temperature: 2,900K, 3,500K, 4,500K (+- 50 K)
Color Rendering Index (CRI): 75 Average

DIMENSIONS

Diameter: 2.5 in (60 mm)
Overall Length: 4.75 in (120 mm)

PRODUCT INFORMATION

Product Code: LB-5.VXXX-YYZ
Description: 5W LED Bulb
Standard Package: Case
Standard Package Quantity: 40*
No Of Items Per Sales Unit: 1
No Of Items Per Standard : 40*
Package

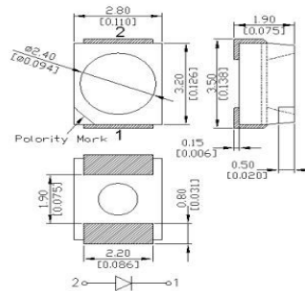
*Product Sold in box of 40

LB-5.VXXX-YYZ

LB- Light Bulb Replacement
5- 5 Watt
V- E- E27 / B- B22 base
XXX- Input Voltage
YY- Kelvin 2700, 3,500K, 4,500K
Z- D represent dimmable

LED Diode Information

Product Code: PL-PT3535
Description: SMD Top Diode
Input Voltage: 3.1 V
Die: 1 Epistar
Drive Current: 20 mA
Lumens: 8 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

5W LED Bulb

0.005kW x 3,000 hours = 15kWh per year
15 kWh x \$0.13 = \$1.95 per year
\$1.95 x 100 bulbs = \$ 195.00 per year

Product Guarantee

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



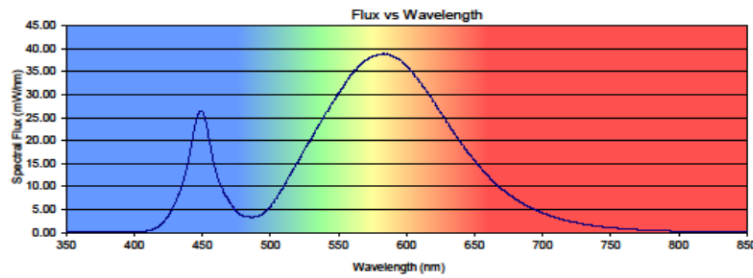
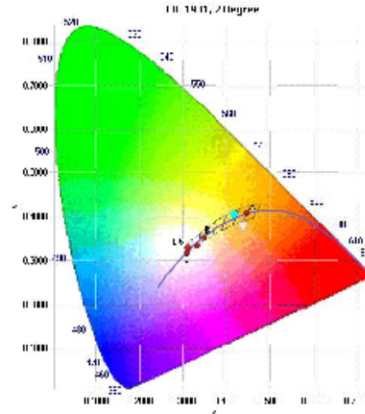
www.jirehled.com
info@jirehled.com

MADE IN USA

Photometric Characteristics

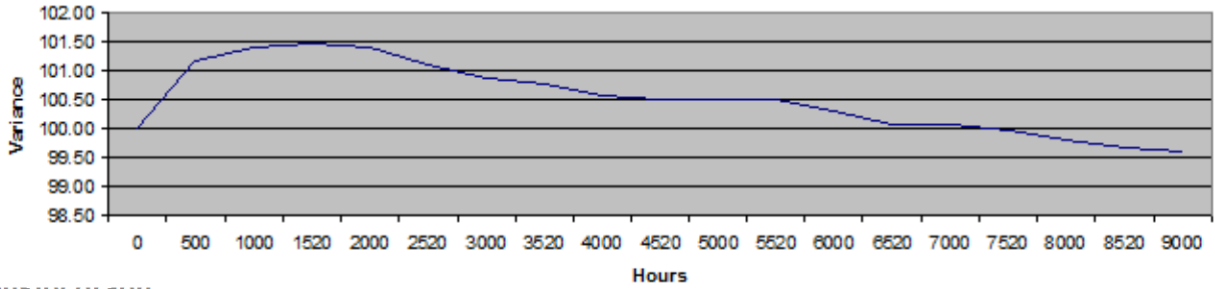
Lumens Data

Radiant Flux: 1,098 mW
 Luminous Flux: 400 Lumens
 Luminaire Efficiency: 80 Lumens/Watt
 CCT: 3,347 K
 CRI (Ra): 74.4
 Chromaticity (x): 0.4184
 Chromaticity (y): 0.4055
 Chromaticity (u): 0.2381
 Chromaticity (v): 0.3461
 DUV: 0.0030

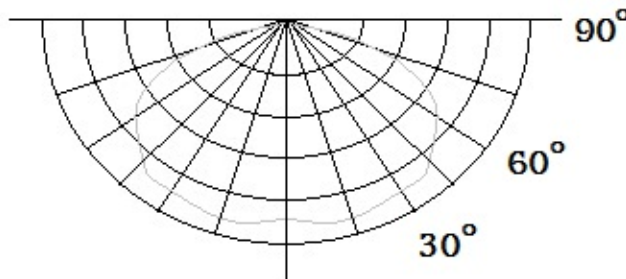


LED Depreciation

Jireh Opto LED 5050 SMD Lumen Maintenance
 T_{sp}= 45C T_{air}= 45C I_f= 60mA



Polar Intensity Graph



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