

11W LED BULB



GENERAL CHARACTERISTICS

Lamp type: LED Bulb replacement
Bulb: A-19
Base: Bayonet (B22), Medium E27
Wattage: 11W (LED) 11W (Total)
Voltage: 90-265VAC
Rated Life: 50,000 hrs
Bulb Material: Aluminum Heat Sink/ Glass lens

PHOTOMETRIC CHARACTERISTICS

Initial Lumens: 820 Lm
Mean Lumens: 820 Lm
Initial Lumens per Watt: 75 Lm/Watt
Color Temperature: 2,900K, 3,500K, 4,500K (+- 50 K)
Color Rendering Index (CRI): 80 Average

DIMENSIONS

Diameter: 2.75 in (70 mm)
Overall Length: 5.5 in (142 mm)

PRODUCT INFORMATION

Product Code: LB-11.VXXX-YYZ
Description: 11W LED Bulb
Standard Package: Case
Standard Package Quantity: 40*
No Of Items Per Sales Unit: 1
No Of Items Per Standard : 40*
Package

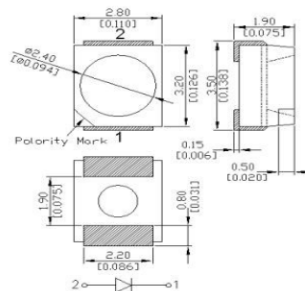
*Product Sold in box of 40

LED Diode Information

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

LB-11.VXXX-YYZ

LB- Light Bulb Replacement
11- 11 Watt
V- E- E27 / B- B22 base
XXX- Input Voltage
YY- Kelvin 2700, 3,500K, 4,500K
Z- D represent dimmable



100W Incandescent Bulbs

0.1kW x 3,000 hours = 300kWh per year
300 kWh x \$0.13 = \$39.00 per year
\$39.00 x 100 bulbs = \$ 3,900.00 per year

11W LED Bulb

0.011kW x 3,000 hours = 33kWh per year
33 kWh x \$0.13 = \$4.29 per year
\$4.29 x 100 bulbs = \$ 429.00 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.



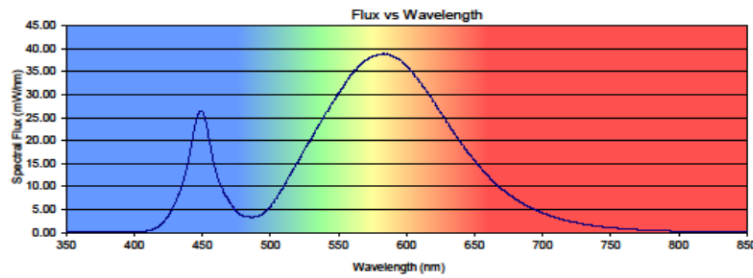
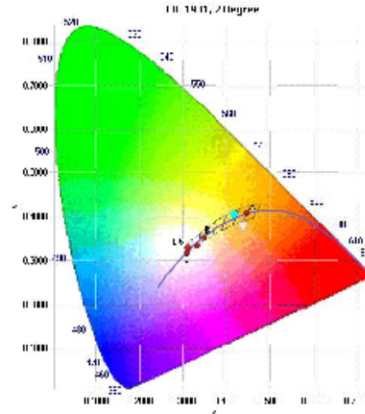
www.jirehled.com
info@jirehled.com

MADE IN USA

Photometric Characteristics

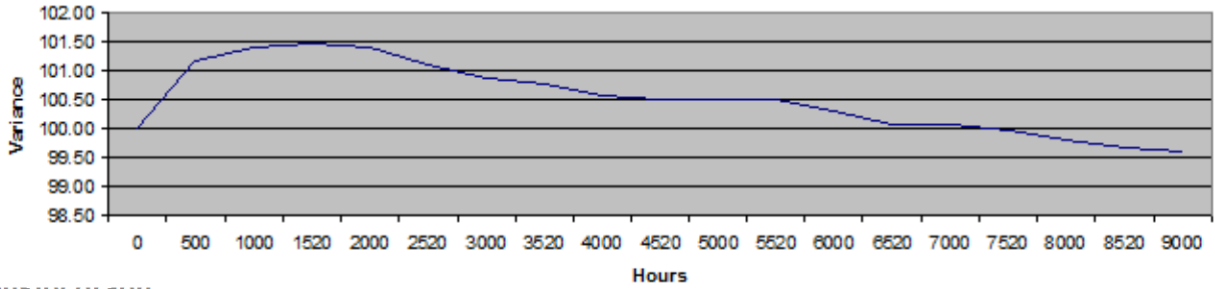
Lumens Data

Radiant Flux: 2,252 mW
 Luminous Flux: 820 Lumens
 Luminaire Efficiency: 75 Lumens/Watt
 CCT: 3,347 K
 CRI (Ra): 82.4
 Chromaticity (x): 0.4184
 Chromaticity (y): 0.4055
 Chromaticity (u): 0.2381
 Chromaticity (v): 0.3461
 DUV: 0.0030

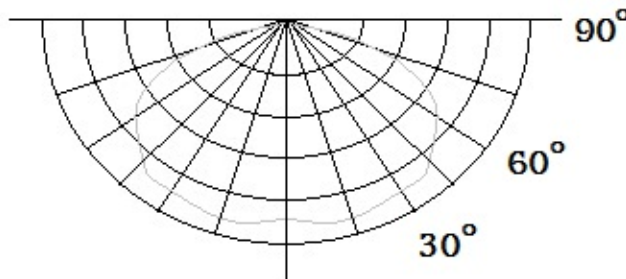


LED Depreciation

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



Polar Intensity Graph



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