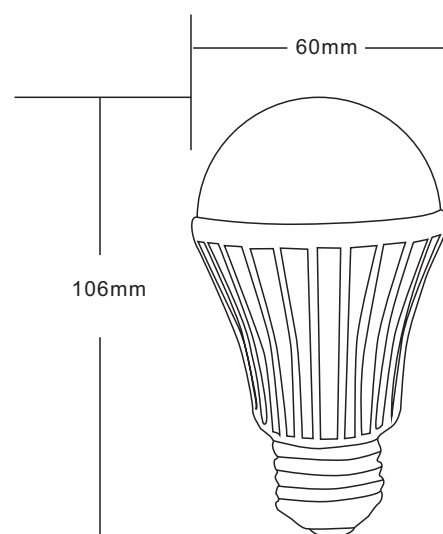


## User's Manual for 7W D60 Global LED Bulb

### ▶ Product Description

These products are in accordance with CE, UL and FCC testing standards. 7W D60 Global LED Bulb is newly developed and released by FOBSUN with Nichia LEDs and E27 base which ensure high lumen output, easy installation and full compatibility with traditional light fixtures. The integrated thermal control technology of FOBSUN effectively reduces the heat generation inside the bulb, and the aluminum alloy housing can achieve full heat dissipation.

7W D60 LED bulb with Nichia LEDs consumes only 10 percent energy as conventional bulb to give the same light intensity. With quality LEDs as light source, this LED bulb has a power of only 7 watts. LED light bulbs are safer and more economical than halogen bulbs, with long-lasting durability, lower power consumption and money saving capability.



### ▶ Performance Summary

- ▶ Utilize Nichia LEDs
- ▶ Longer lifetime than conventional lamps and bulbs: min 4 years
- ▶ 400 delivered lumens
- ▶ Designed to last 50,000 hours and maintain at least 98% of initial lumen output at 1,000 hours
- ▶ Integrated thermal management system conducts heat away from LED's and transfer it to surrounding environment
- ▶ Up to 60-70% energy saving over conventional lamps and bulbs
- ▶ Two Year Warranty

## ▶ Unique Edges

- ▶ Solid state, excellent property of shock-resistance
- ▶ No RF, IR and UV interference
- ▶ Quick and easy installation to minimize retrofit cost
- ▶ Instant start-up, no flickering and buzzing
- ▶ Minimum maintenance costs
- ▶ Full heat dissipation
- ▶ No mercury and other hazardous material
- ▶ Fully RoHS-compliant
- ▶ Consistent color temperature for white and warm white

## ▶ Data Sheet & Specifications

Model	Dimension (Diameter*Height)	Input Voltage	Power	Color	Beam Angle	CRI	Material	Working Environment	Lumen Output
FLB-D60-E27-7W	D2.3*H4.2 inch (D60*H106 mm)	85-268v ac, 50/60 Hz	7 Watts	Warm White, White	180°	80	Aluminum Housing + Plastic cover	Indoor use, applicab le for dry environment	400lm

## ▶ Physical Specification

- ▶ Mercury-free, no other hazardous material
- ▶ Aluminum alloy housing
- ▶ Base type: E27 base
- ▶ Indoor use, applicable for dry environment
- ▶ Operating environmental temperature: -10 to +40 degree Celsius (+14 to +104 degree Fahrenheit)

## ▶ Electrical Specifications

- ▶ Input voltage: 85-268V AC, 50-60Hz
- ▶ Power consumption: 60-70% energy saving over incandescent bulbs
- ▶ Integral high efficiency driver and power supply
- ▶ Power factor: 0.92
- ▶ CE (LVD and EMC), ETL pending

## ▶ Dimmable Globe LED bulb

With ultra brighter Nichia LED Chips as light source, LED E27 globe bulb give off reliable white light and are the best to be used for background or effect lighting. The globe bulb is TRIAC dimmable at both 120v ac and 230v ac, which is a new breakthrough of FOBSUN in dimming technology.

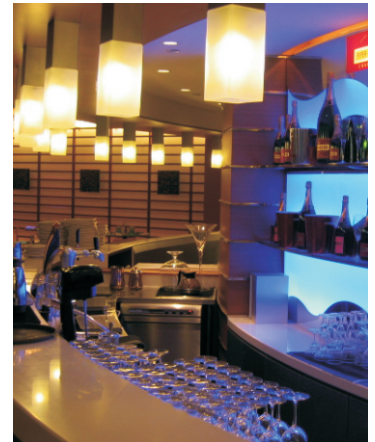
Matching with the specially designed drivers, the bulb can be dimmable and compatible with most traditional dimmers, which mean it can deliver a comfortable and proper light output that you desire and save your energy bills.

## ▶ Optical Specifications

- ▶ CCT: Warm white (2800-4 200K); white (5000-6500K) Typical
- ▶ CRI: 80 Typical
- ▶ Negligible UV, IR and RF
- ▶ Lower reflector achieves a comfortable appearance
- ▶ Beam angle: 180°
- ▶ Lumens: 400 delivered lumens
- ▶ Brightness degradation: 3% within 1,000 hours
- ▶ Lumen maintenance: 98% at 1,000 hours
- ▶ Light source: Nichia LED Chips
- ▶ Color management system maintains color consistency over time and temperature

## ▶ Application

- ▶ Corridor Lighting and Bedroom Lighting
- ▶ Recessed Lighting
- ▶ Wall Lighting
- ▶ Desk Lighting
- ▶ Display Case and Cabinet Lighting
- ▶ Art Gallery and Museum Lighting



The LED Lamps and LED Bulbs are green lighting fixtures for illumination lighting and general lighting. They are well-suited for interior lighting in exhibition halls, homes and for other applications with a very long service life 35 times longer than halogen bulbs, high efficacy and a low operating temperature, which will gradually replace the conventional bulbs.

## ▶ Contact us

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