

## User's Manual for A17/A19 Compact Household LED Light Bulbs

### ▶ Product Description

These products are in accordance with CE, UL and FCC testing standards. A17/A19 Compact Household 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.

A17/A19 Compact Household 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 5.5 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
- ▶ 270 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

### A17

SPECIFICATIONS				
Power Consumption	W	5.5		
Operating voltage	V	85~265VAC		
Color Temperature	K	<b>2800~3200K</b>	<b>3800~4200K</b>	<b>5500~6500K</b>
Luminous Flux	lm	>260	>270	>270
Luminous Efficacy	lm/W	>47	>49	>51
Color Rendering Index	Ra	80	80	80
PF.		>0.9		
Dimension	mm	Ø50 × H93		
Base	–	E26/27/B22		
Dimmable: TRIAC Dimmable				

### A19

SPECIFICATIONS				
Power Consumption	W	5.5		
Operating voltage	V	85~265VAC		
Color Temperature	K	<b>2800~3200K</b>	<b>3800~4200K</b>	<b>5500~6500K</b>
Luminous Flux	lm	>260	>275	>285
Luminous Efficacy	lm/W	>47	>50	>51
Color Rendering Index	Ra	75	75	75
PF.		>0.9		
Dimension	mm	Ø60 × H102		
Base	–	E26/27/B22		
Dimmable: TRIAC Dimmable				

## ▶ Physical Specification

- ▶ Mercury-free, no other hazardous material
- ▶ Aluminum alloy housing
- ▶ Base type: E26/E27/B22 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: 0.9
- ▶ CE (LVD and EMC), ETL pending

## ▶ Optical Specifications

- ▶ CCT: Warm white (2800-3200K); white (3800~4200K); cool white (5500~6500K) Typical
- ▶ CRI: 80 Typical
- ▶ Negligible UV, IR and RF
- ▶ Lower reflector achieves a comfortable appearance
- ▶ Beam angle: 180°
- ▶ Lumens: 270 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

Phone: 86-755-3366-2660 (English Service)  
Fax: 86-755-3366-2986

Website: [www.fobsun.com](http://www.fobsun.com)  
Email: [sales@fobsun.com](mailto:sales@fobsun.com)