

## FZtech announces PAR20 series LED Bulbs

**August 5 2010- Taipei, Taiwan, FZTECH Inc.** today announces the availability of PAR 20 Light Emitting Diode (LED) Bulbs – the LED PAR 20 bulbs come in twelve models. The LED PAR 20 Bulbs are designed to replace the equivalent traditional bulbs available in markets today and use standard E26/27, B22, and GU10 type sockets.. Using lower wattage compared with the original product (Input 7W). The lumens start at 450 lm at a flux of 64 lm/W on Cool White (6000K) and 350 lm at a flux of 46.4 lm/W on Warm White (3000K).



### Features

- Energy Saving
- No heat, No UV, or IR light radiation
- Light source: SMD High Power LED (Patent)
- Ra>75 for white light
- Long life time>35000 hours (L<sub>70</sub>)
- E26/27, B22, GU10 socket compatible
- Power consumption up to 7W of FZled PAR20
- High power driver efficiency > 87%
- Non-Dimmable
- CE, FCC Approved, ETL Approving
- 2 years warranty

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## Specifications

Accepting an Input voltage of 90-260V (AC), with 7 Watts power consumption. The diameter is 63 mm at a length of 115 mm on twelve models varying in sockets, cover, and color temperature. The PAR 20 is slightly variable between the different E26/E27/GU10/B22 socket types, and each socket have four models. The average Net weight is 115g



## Applications

- Indoor Lighting
- Architectural Lighting
- Flood Lighting
- Mood Lighting
- Biological Lighting
- Traditional Halogen lamps replacement
- Spot light

## About FZtech

FZTech Inc. was found by a team of 3 world-class researchers (PHDs) and 5 factory owners. Its technological areas of expertise include specialized thermal theory, skived fin, extrusion, metal parts and LED Lighting technologies, mechanism design, test and verification environment build-up and advanced conduct material development.

FZ Group

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## Advantages of LED

### Energy saving

LED is 10 to 50 times more energy efficient than incandescent light bulb and reduces operating costs up to 90%.

### Long lifespan

While most incandescent light products are only rated up to 3,000 hours, LED luminaries are up to 100,000 hours, or more than 10 years of continuous use.

### Safety

Low-voltage power consumption and low heat output enhance operational safety and make LED luminaries cool and safe to touch during use.

### Durability

LED luminaries are more durable than conventional bulbs and more resistant to breakage, failure, vibration, shock and temperature extremes.

### Small size

High intensity, low weight and small volume that make luminaries design more flexible.

### Instant response

No flicker, just pure dramatic light.

### Quality light output

Minimal ultraviolet or infrared radiation.

## About FZled

FZled was a sub-brand of FZtech will leverage the FZled products to be better and higher in quality than competing products using high quality heat sink, high power factor units, and Light Emitting Diode (LED) luminaries, giving them longer life.

FZled also offer two kind of standard and customized lighting solution. The standard led solution deal with MR16, PAR20, PAR30, PAR38, T8, and LED torch. The customized led solution are furnished with applications for special street lighting, building lighting, indoor lighting, and flood lighting. For more information visit [www.fzled.com.tw](http://www.fzled.com.tw)

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