

# LED Square Fixture

## Surface Mount Series



### GENERAL CHARACTERISTICS

Lamp type: LED Fixture  
 Bulb: Fixture  
 Base: None  
 Wattage: 34W (LED) 36W (Total)  
 Voltage: 90-300VAC  
 Rated Life: 80,000 hrs  
 Bulb Material: Steel Heat Sink

### PHOTOMETRIC CHARACTERISTICS

Initial Lumens: 2,700 Lm  
 Mean Lumens: 2,700 Lm  
 Initial Lumens per Watt: 75 Lm/Watt  
 Color Temperature: 3,500K, 4,300K, 5,500K (+/- 50 K)  
 Color Rendering Index (CRI): 75 Average

### DIMENSIONS

Width: 24 in (600 mm)  
 Length: 24 in (600 mm)



### PRODUCT INFORMATION

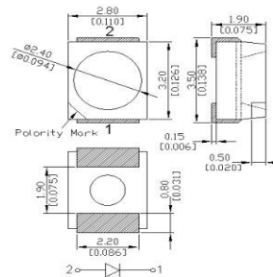
Product Code: JS36-FZZA-YYX  
 Description: 36W LED Surface Fixture  
 Standard Package: Case  
 Standard Package Quantity: 1\*  
 No Of Items Per Sales Unit: 1  
 No Of Items Per Standard : 1\*  
 Package  
 \*Product Sold in box of 1

## JS36-FZZA-YYX

JS- Jireh Surface Mount Series Fixture  
 36- 36 Watt  
 F- Fixture replacement  
 ZZZ- Input Voltage  
 A- Lens (C) Clear, (F) Frosted, (N) None  
 YY- Kelvin 3,500K, 4,500K, 5,500K  
 X- (D) Dimmable

### LED Diode Information

Product Code: PL-PT35281  
 Description: 3528 LED Diode  
 Input Voltage: 3.1 V  
 Die: 1 Epistar  
 Drive Current: 20 mA  
 Lumens: 8 Lm



### 3 Tube 18W T-8 Fixture

0.066kW x 3,000 hours = 198kWh per year  
 198 kWh x \$0.13 = \$25.74 per year  
 \$25.74 x 100 bulbs = \$ 2,574.00 per year

### 36W LED Fixture

0.036kW x 3,000 hours = 108kWh per year  
 108 kWh x \$0.13 = \$14.04 per year  
 \$14.04 x 100 bulbs = \$ 1,404.00 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.



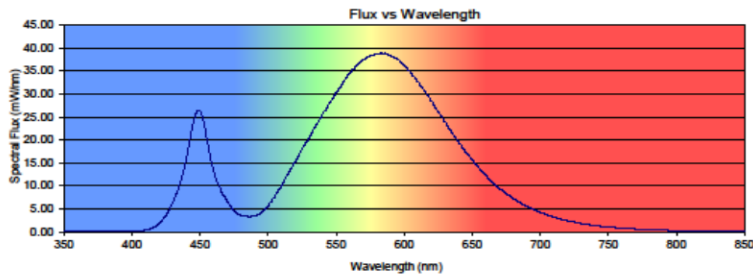
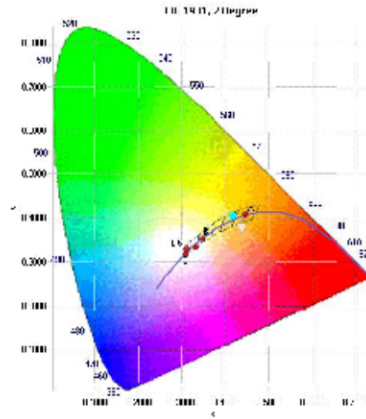
www.jirehled.com  
 info@jirehled.com

MADE IN USA

# Photometric Characteristics

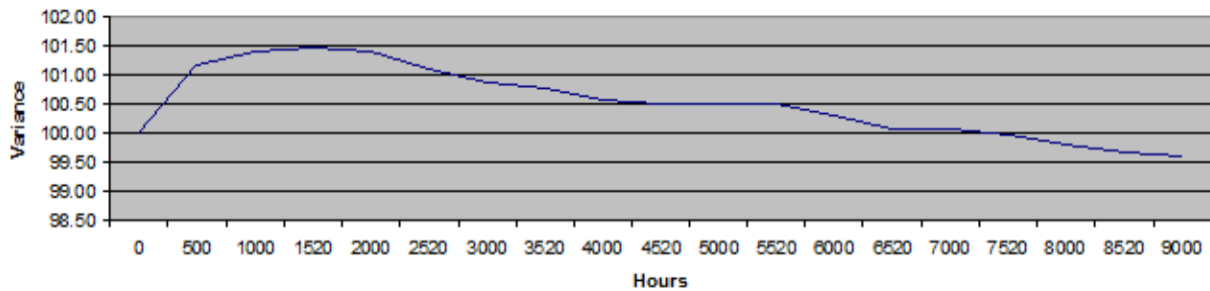
## Lumens Data

Radiant Flux: 7,418 mW  
 Luminous Flux: 2,700 Lumens  
 Luminaire Efficiency: 75 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

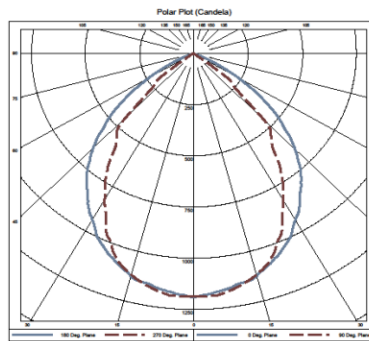


## LED Depreciation

**Jireh Opto LED 5050 SMD Lumen Maintenance**  
 T<sub>sp</sub>= 45C T<sub>air</sub>= 45C I<sub>f</sub>= 60mA



## Polar Intensity graph



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