

# LED Square Fixture

## Surface Mount Series



### GENERAL CHARACTERISTICS

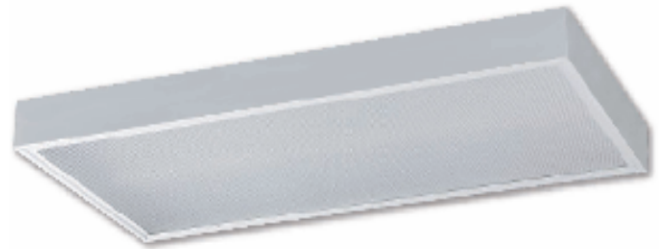
Lamp type: LED Fixture  
 Bulb: Fixture  
 Base: None  
 Wattage: 68W (LED) 72W (Total)  
 Voltage: 90-300VAC  
 Rated Life: 80,000 hrs  
 Bulb Material: Steel Heat Sink

### PHOTOMETRIC CHARACTERISTICS

Initial Lumens: 5,400 Lm  
 Mean Lumens: 5,400 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: 48 in (1,200 mm)



### PRODUCT INFORMATION

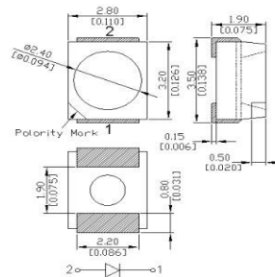
Product Code: JS72-FZZZA-YYX  
 Description: 72W LED Surface Fixture  
 Standard Package: Case  
 Standard Package Quantity: 1\*  
 No Of Items Per Sales Unit: 1  
 No Of Items Per Standard : 1\*  
 Package  
 \*Product Sold in box of 1

## JS72-FZZZA-YYX

JS- Jireh Surface Mount Series Fixture  
 72- 72 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 32W T-8 Fixture

0.117kW x 3,000 hours = 351kWh per year  
 351 kWh x \$0.13 = \$45.63 per year  
 \$45.63 x 100 bulbs = \$ 4,563.00 per year

### 72W LED Fixture

0.072kW x 3,000 hours = 216kWh per year  
 216 kWh x \$0.13 = \$28.08 per year  
 \$28.08 x 100 bulbs = \$ 2,808.00 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.



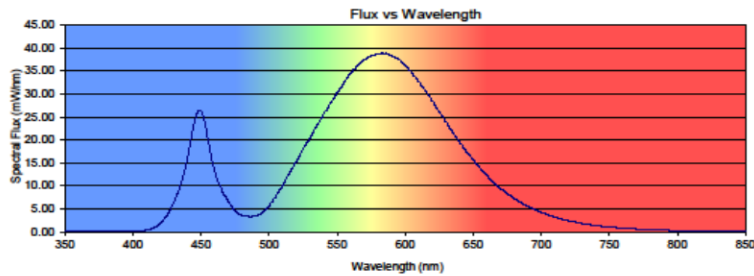
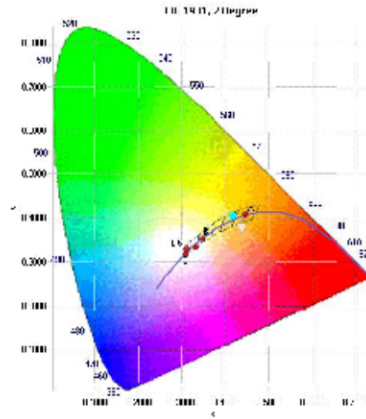
www.jirehled.com  
 info@jirehled.com

MADE IN USA

# Photometric Characteristics

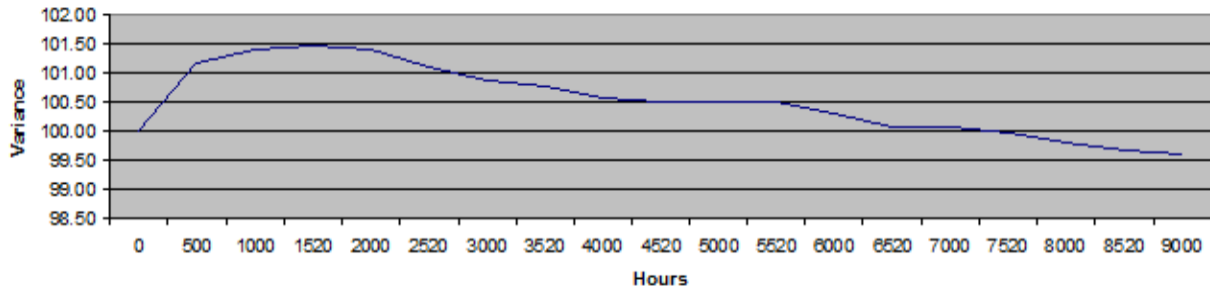
## Lumens Data

Radiant Flux: 14,836 mW  
 Luminous Flux: 5,400 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

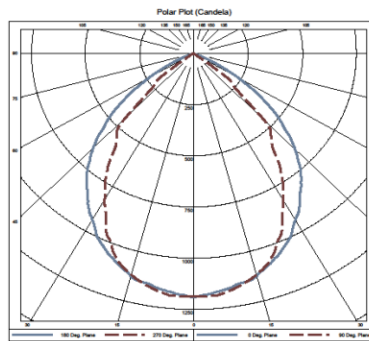


## LED Depreciation

**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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[www.jirehled.com](http://www.jirehled.com)  
[info@jirehled.com](mailto:info@jirehled.com)

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