

LED Rectangular Fixture

Moderna 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/ Aluminum Reflectors

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

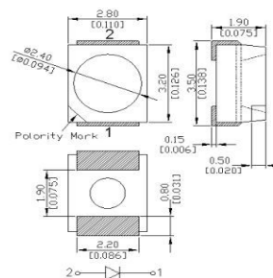
Product Code: JM72-FZZZA-YYX
 Description: 72W LED Recessed Fixture
 Standard Package: Case
 Standard Package Quantity: 1*
 No Of Items Per Sales Unit: 1
 No Of Items Per Standard : 1*
 Package
 *Product Sold in box of 1

JM72-FZZZA-YYX

JM- Jireh Moderna 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 Guantee

The 3 year warranty covers light output over the period and is subject correct storage, installation, operation and maintenance of this product.



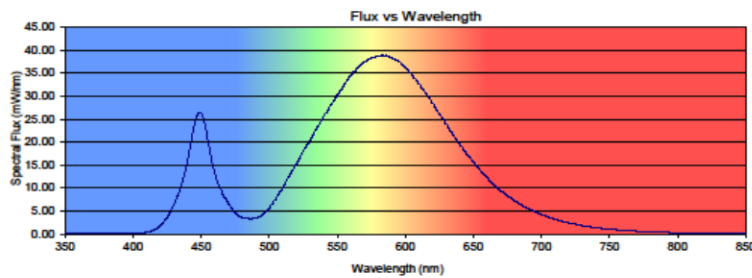
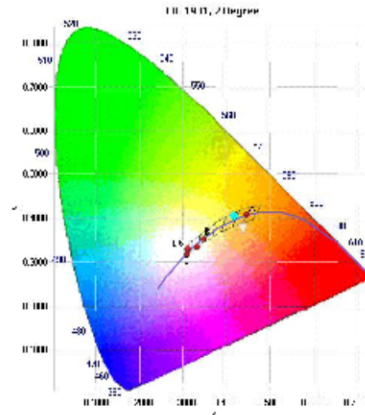
www.jirehled.com
 info@jirehled.com

MADE IN USA

Photometric Characteristics

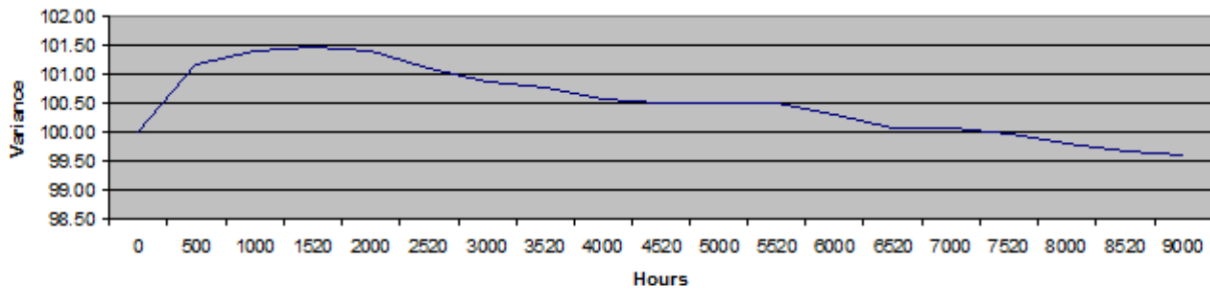
Lumens Data

Radiant Flux: 14,837 mW
 Luminous Flux: 5,402 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

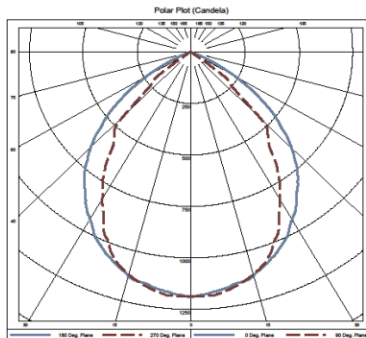


LED Depreciation

Jireh Opto LED 5050 SMD Lumen Maintenance
 $T_{sp} = 45C$ $T_{air} = 45C$ $I_f = 60mA$



Polar Intensity graph



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