

LED Downlight Fixture Flood



GENERAL CHARACTERISTICS

Lamp type: LED Downlight Fixture
Bulb: LED Downlight
Base: None
Wattage: 15W (LED)
Voltage: 24VDC
Rated Life: 50,000 hrs
Bulb Material: Aluminum Heat Sink/ PC lens

PHOTOMETRIC CHARACTERISTICS

Initial Lumens: 1,140 Lm
Mean Lumens: 1,140 Lm
Initial Lumens per Watt: 76 Lm/Watt
Color Temperature: 2,900K, 3,500K, 4,500K (+- 50 K)
Color Rendering Index (CRI): 80 Average

DIMENSIONS

Diameter: 6.5 in (165 mm)
Overall Height: 4.8 in (123 mm)

PRODUCT INFORMATION

Product Code: 15D-24V120-YYD
Description: 15W LED Downlight Fixture
Standard Package: Case
Standard Package Quantity: 20*
No Of Items Per Sales Unit: 1
No Of Items Per Standard : 20*
Package

*Product Sold in box of 40

LED Diode Information

Product Code: PL-PT35281
Description: 5050 LED Diode
Input Voltage: 3.1 V
Die: 3 Epistar
Drive Current: 60 mA
Lumens: 20 Lm

90W Halogen Bulbs

0.09kW x 3,000 hours = 270kWh per year
270 kWh x \$0.13 = \$.35.10 per year
\$.35.10 x 100 bulbs = \$ 3,510.00 per year

15W LED Downlight

0.015kW x 3,000 hours = 45kWh per year
45 kWh x \$0.13 = \$5.85 per year
\$5.85 x 100 bulbs = \$ 585.00 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.



WINNER
Best Retro-fit Product

15D-F24V120-YYD

15- 15 Watt
F- Fixture Replacement
24V- 24 VDC Constant Voltage
120- 120 Degree Beam
YY- Kelvin 2700, 3,500K, 4,500K
D- D represent dimmable



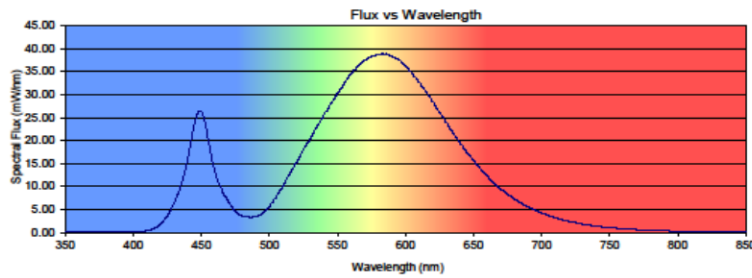
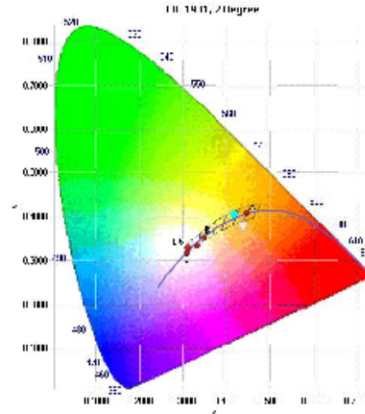
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MADE IN USA

Photometric Characteristics

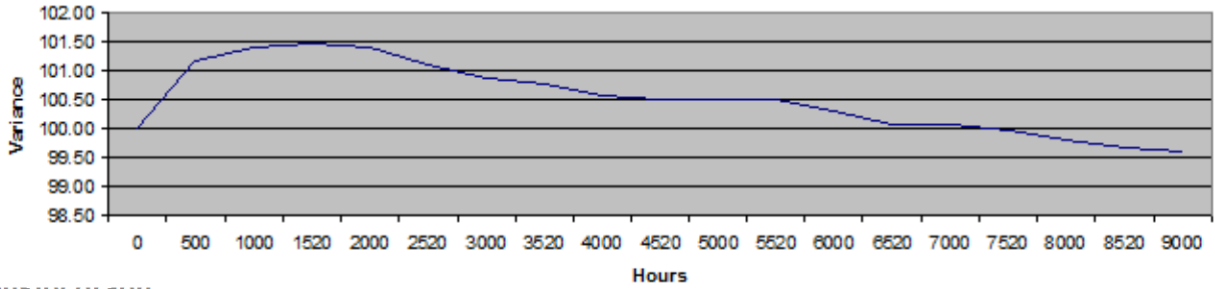
Lumens Data

Radiant Flux: 3,129 mW
 Luminous Flux: 1,140 Lumens
 Luminaire Efficiency: 76 Lumens/Watt
 CCT: 3,347 K
 CRI (Ra): 82.4
 Chromaticity (x): 0.4184
 Chromaticity (y): 0.4055
 Chromaticity (u): 0.2381
 Chromaticity (v): 0.3461
 DUV: 0.0030

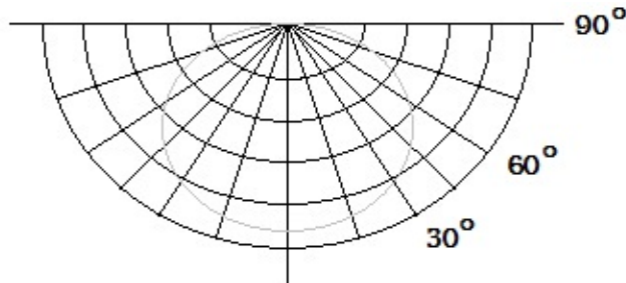


LED Depreciation

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



Polar Intensity Graph



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