

Sun 72 XL110 - LED Flood Light

Sun - LED Flood Light Range

Sun 12 XL110 AC
Sun 12 XL110 DC

Sun 24 XL110 AC
Sun 24 XL110 DC

Sun 48 XL110 AC
Sun 48 XL110 DC

Sun 72 XL110 AC
Sun 72 XL110 DC

The **Sun 72 XL110** LED lighting solution is a environmentally friendly, energy saving, replacement for a traditional sodium, mercury and halogen style flood light.

This LED flood light is ready for connection to either AC mains power supply or our Mercury solar power management unit, which provides a flexible lighting solution where mains power is not available or desired



These LED flood lights can be used singularly or in groups to provide lighting for applications ranging from recreation area lighting to warehouse lighting, sign lighting, building lighting, car park lighting and perimeter fence lighting.

Note: All LEDs are encased in a compound that will give them protection from any ingress of liquids or solids and all other electronic components are enclosed in an IP66 rated assembly.

Key Benefits of LED Lighting:

- Long life span > 50,000hrs.
- Low Power Consumption.
- Low maintenance costs.
- No Bulb replacements.
- More power to light than power to heat.
- Low carbon emissions.
- Excellent colour rendition.
- Fixtures contain no mercury or lead.
- Reduced Light pollution.
- Higher Efficacy = More lumens per watt.

Added Benefits For Cold Stores:

- LED Lighting does not diminish in cold temperatures.
- LED's strike instantly in the cold allowing lighting to be turned off in periods of inactivity.
- LED's use up to 75% less energy reducing refrigeration load.
- LED's create a white light similar to daylight allowing employees to locate goods efficiently.
- Much Safer – No glass to break, no white-hot filament, no noxious fumes.
- LED performance inherently increases as operating temperatures drop.

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Sun 72 XL110 AC
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Specifications: Sun 72 XL110 - LED Flood Light

	AC	DC
Product Code	S72-A001-E2	S72-D001-C3
Power Consumption LED's	82.08 Watts	
Power Consumption Driver	13.5 Watts	N/A
Total Power Consumption	95.58 Watts	82.08 Watts
Input Voltage	90 – 264Vac	12 VDC
Input Frequency	47 – 63Hz	N/A
Light Source	1.14 W High Power LED	
LED QTY	72	
Total LED Output	7920 lm	
Operating Lumens at 25°c	6336 lm	
LED Colour	Cool White	
Colour Temp (K)	5400 - 6300 degrees K (Standard)	
CRI	Ra>70	
LED Lifespan	50,000 > 80,000 Hours	
Operating Temperature	-30 degrees C to + 50 degrees C	
Working Humidity	0 ~ 95%	
Turn on time	100ns	
Product Size (mm)	435mm x 435mm x 178mm	
Unit colour	Silver	
Net Weight	8.75Kg	
Mounting	Chain Mounted Bracket (Standard) Pole and Wall Mounted versions available.	
Protection Rate	IP66 (Light Engine & Power Supply)	
Certification	RoHS, CE	
Warranty	3 Years	

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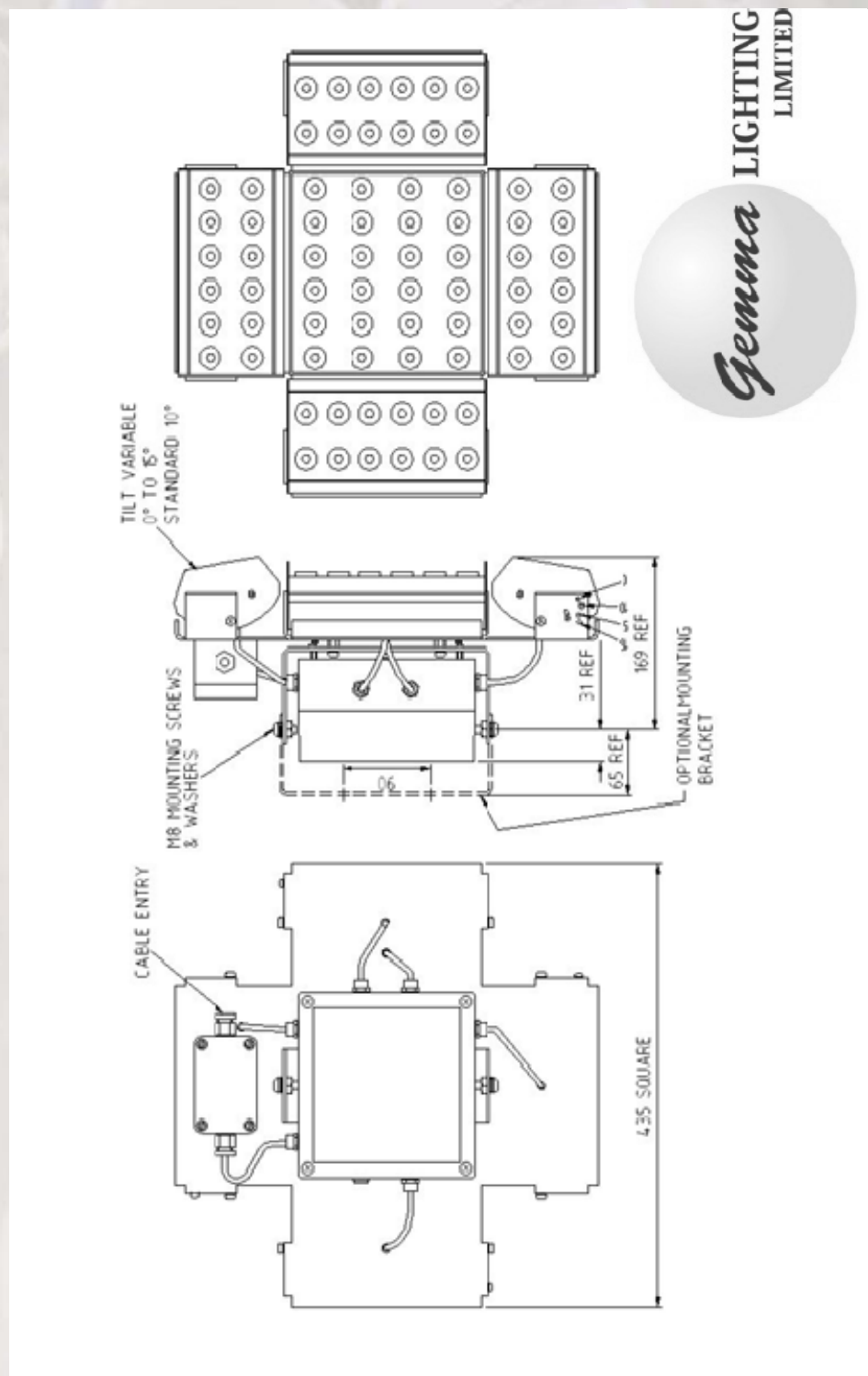
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Above: CAD diagram for Sun 72 XL110 – LED Flood Light



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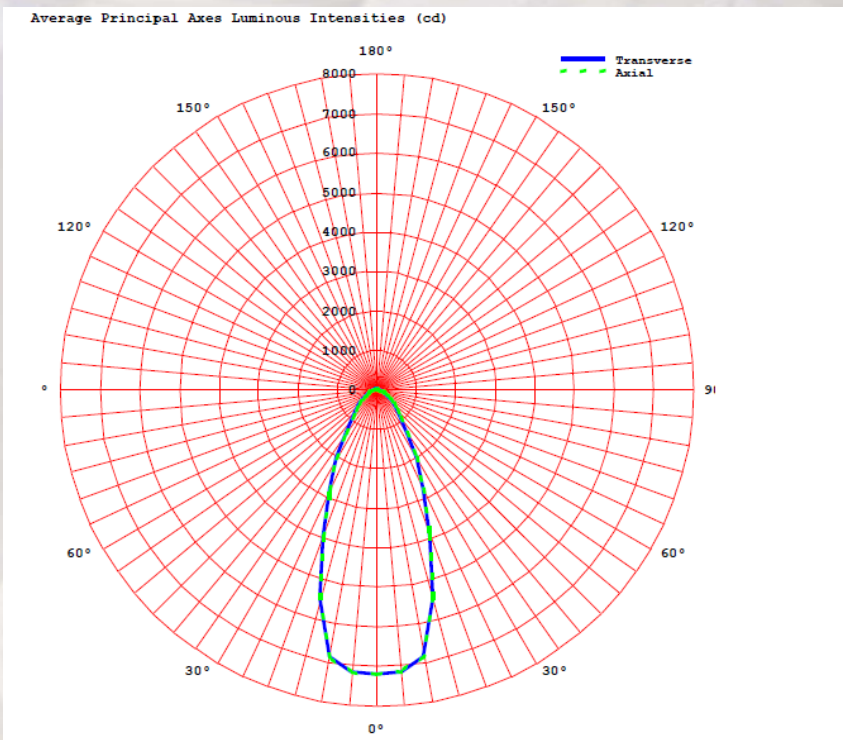
Sun - LED Flood Light Range

Sun 12 XL100 AC
Sun 12 XL100 DC

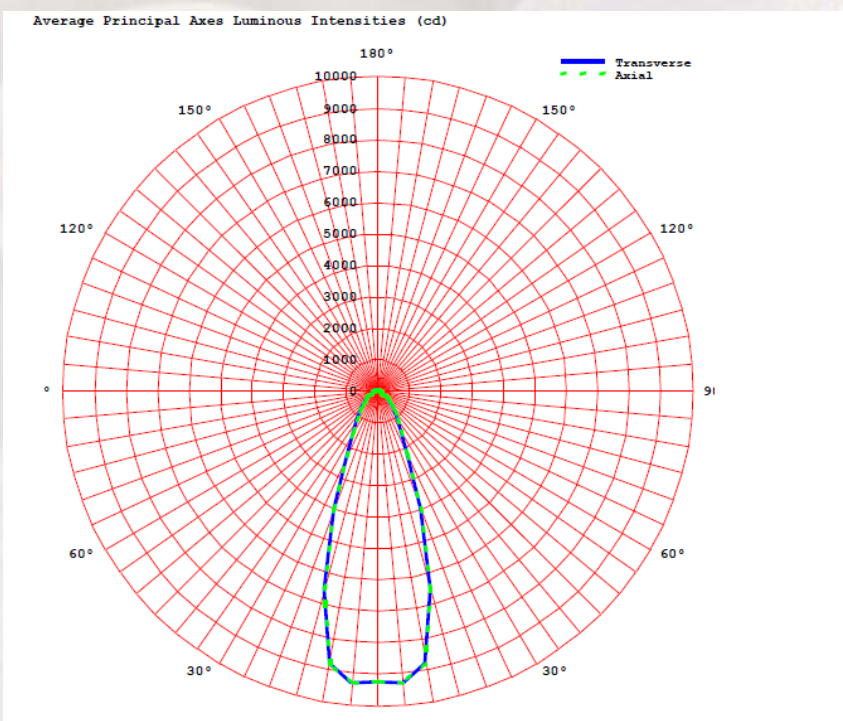
Sun 24 XL100 AC
Sun 24 XL100 DC

Sun 48 XL100 AC
Sun 48 XL100 DC

Sun 72 XL100 AC
Sun 72 XL 100 DC



Above: Average Principal Axes Luminous Intensities (cd) - Sun 72XL110 - 15 DEGREE MODULE TILT



Above: Average Principal Axes Luminous Intensities (cd) - Sun 72XL110 - 5 DEGREE MODULE TILT

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