



**FAIRBURNS
GROUP**

Total Electrical Solutions

Sovereign Range:

Sovereign 48 XL110 AC
Sovereign 48 XL110 DC

Sovereign 72 XL110 AC
Sovereign 72 XL110 DC

Sovereign 48 XL110 - LED Low Bay

The **Sovereign 48 XL110** LED lighting solution is a environmentally friendly, energy saving, replacement for traditional Low Bay Lighting Solutions.

This LED Low Bay light is ready for connection to either to a 230Volt 50Hz supply or a 110Volt 60Hz supply.

The **Sovereign 48 XL110** can significantly reduce energy consumption and cut carbon emissions. Ideal for reducing expenditure and helping with environmental issues.

This LED light is suitable for illuminating warehouses, cold stores, stockrooms, workshops, tunnels, railway stations, and other industrial applications that require widely distributed, glare free light, and reliable low maintenance 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.

Specifications: Sovereign 48 XL110 - LED Low Bay

	AC	DC
Product Code	S48-A001-F1 / FE	S48-D001-C1 / FE
Power Consumption LED's	54.72 Watts	
Power Consumption Driver	5.92 Watts	N/A
Total Power Consumption	60.64 Watts	54.72 Watts
Input Voltage	90 – 264Vac	12 VDC
Input Frequency	47 – 63Hz	N/A
Light Source	1.14W High Power LED	
LED QTY	48	
Total LED Output	5280 lm	
Efficiency (Typ.)	89%	85%
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	8.5 Kg	
Mounting	Chain Mounted Bracket (Standard) Wall Mounted versions available.	
Protection Rate	IP66 (Light Engine & Power Supply)	
Certification	RoHS, CE	
Warranty	3 Years	

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LIMITED**

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