



**FAIRBURNS
GROUP**

Total Electrical Solutions

**Venus - LED
Ceiling Tile Range**

Venus 24 XL110 AC
(600mm x 600mm)

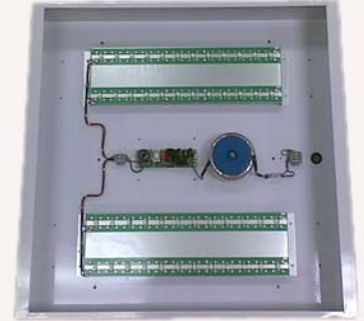
Venus 24 XL110 AC
Dimmerable
(600mm x 600mm)

Venus 48 XL110 AC
(1200mm x 600mm)

Venus 48 XL110 AC
Dimmerable
(1200mm x 600mm)

Venus XL110 – LED Ceiling Tile

The *Venus range of LED ceiling tiles* are replacement units for traditional fluorescent lighting systems, with connection to a 230 volt 50Hz supply or a 110 volt 60Hz supply. These applications are ideal for replacing product in facilities such as office blocks, schools, factory units, retail outlets, restaurants, public houses and all areas where fluorescent tube lighting is commonly used.



Specifications: Venus - LED Ceiling Tile

	Venus 24 XL110 AC	Venus 48 XL110 AC
Product Size	600mm by 600mm	1200 by 600mm
Product Code (R)	V6R24-A001-C1 / FE	V12R48-A001-C1 / FE
Product Code (SM)	V6S24-A001-C1 / FE	V12S48-A001-C1 / FE
Product Code (R) - DIM	V6R24-A020-C1 / FE	V12R48-A020-C1 / FE
Product Code (SM) - DIM	V6R24-A020-C1 / FE	V12S48-A020-C1 / FE
Power Consumption LED's	27.36 Watts	54.72 Watts
Power Consumption Driver	4.5 Watts	9 Watts
Total Power Consumption	31.86 Watts	63.72 Watts
Input Voltage	230V AC 50Hz / 110V AC 60Hz	
Light Source	1.14 W High Power LED	
LED QTY	24	48
Total LED Output	2640 lm	5280 lm
Efficiency (Typ.)	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	
Unit colour	White	
Net Weight	4 Kg	8 Kg
Mounting	Recessed (R) / Surface Mount (SM)	
Certification	RoHS, CE	
Warranty	3 Years	

**FAIRBURNS GROUP
LIMITED**

73 – 79 Clarence Street
Hull
HU9 1DH

Tel: +44 (0) 1482 323 352

Fax: +44 (0) 1482 229 873



Key: (DIM) = Triac dimmable LED Driver. (R) = Recessed. (SM) = Surface Mount.



**FAIRBURNS
GROUP**

Total Electrical Solutions

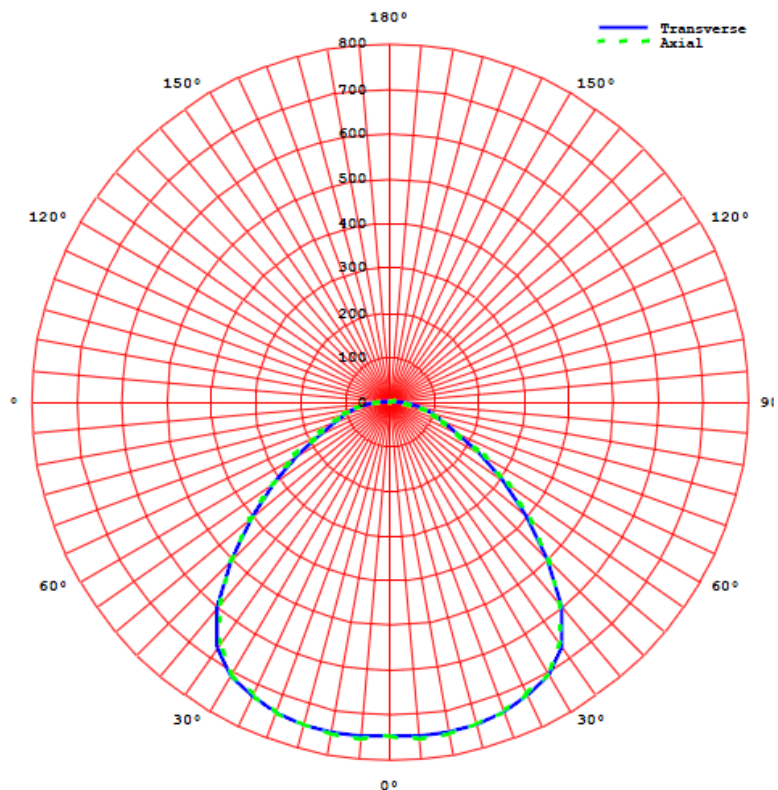
Venus XL110 – LED Ceiling Tile

Our new indoor range of dimmerable LED drivers makes LED lighting more than ever the natural choice for domestic, commercial and industrial installations.

Key to this new range is the AC Dimming LED Driver product, which features compatibility with ordinary TRIAC dimmers. This makes 1 – 100% dimmable LED lighting as easy to install as traditional conventional dimming lights. Unlike earlier designs, these drivers require just a simple leading edge dimmer for dimming control, eliminating the need for external DC control circuits and additional installation rewiring. The dimming LED Driver's output voltage and current variants give contractors a wide choice of easy to install LED driving options.



Average Principal Axes Luminous Intensities (cd)



Above: Polar plot of the Venus 24 XL110 (600 X 600) LED Ceiling Tile. Measured in candela per kilolumens.

**FAIRBURNS GROUP
LIMITED**

73 – 79 Clarence Street
Hull
HU9 1DH

Tel: +44 (0) 1482 323 352

Fax: +44 (0) 1482 229 873

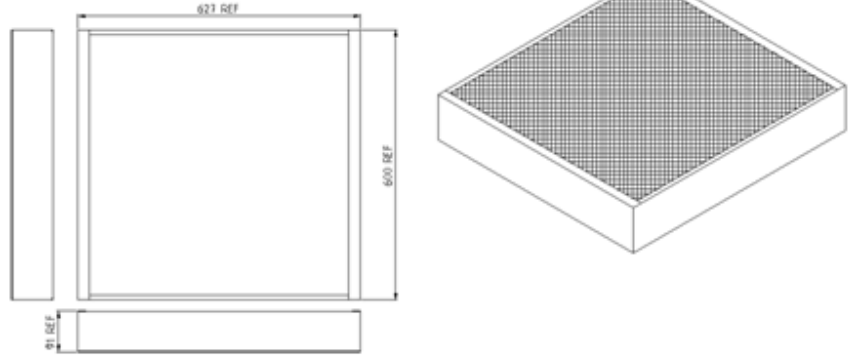




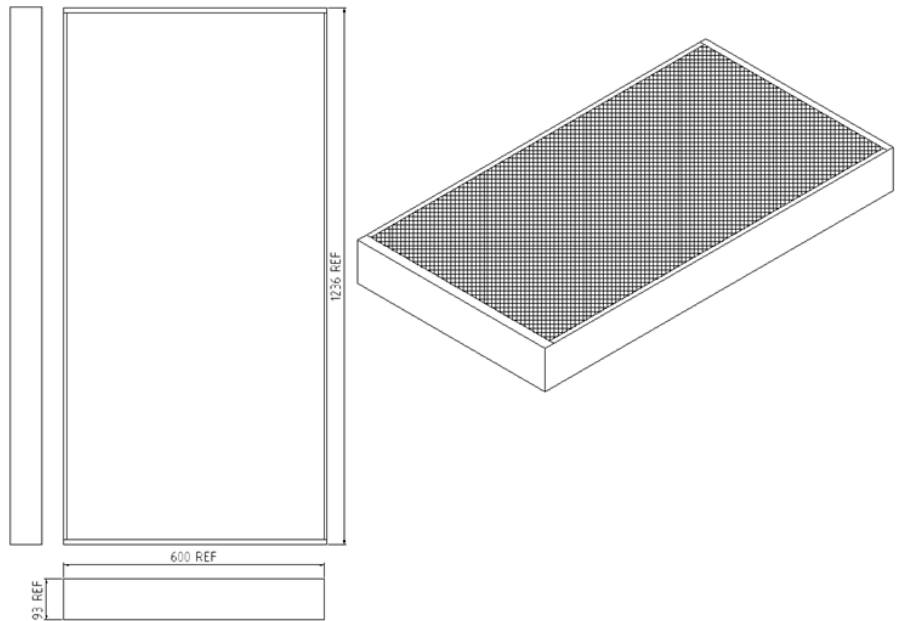
**FAIRBURNS
GROUP**

Total Electrical Solutions

Venus XL110 – LED Ceiling Tile



Above: CAD diagram for Venus 24 XL110 (600 X 600) LED Ceiling Tile – Surface Mount



Above: CAD diagram for Venus 48 XL110 (1200 X 600) LED Ceiling Tile – Surface Mount

**FAIRBURNS GROUP
LIMITED**

73 – 79 Clarence Street
Hull
HU9 1DH

Tel: +44 (0) 1482 323 352

Fax: +44 (0) 1482 229 873

