



**FAIRBURNS  
GROUP**

Total Electrical Solutions

**Venus - LED  
Ceiling Tile Range**

Venus 24 XL110 AC  
(600mm x 600mm)

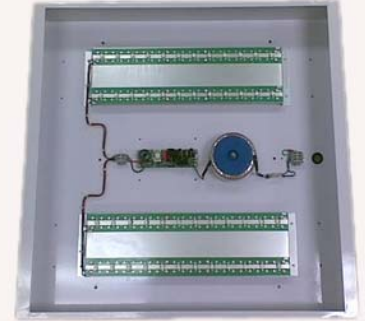
Venus 24 XL110 AC  
Dimmerable  
(600mm x 600mm)

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
<b>Product Size</b>	600mm by 600mm	1200 by 600mm
<b>Product Code (R)</b>	V6R24-A001-C1 / FE	V12R48-A001-C1 / FE
<b>Product Code (SM)</b>	V6S24-A001-C1 / FE	V12S48-A001-C1 / FE
<b>Product Code (R) - DIM</b>	V6R24-A020-C1 / FE	V12R48-A020-C1 / FE
<b>Product Code (SM) - DIM</b>	V6R24-A020-C1 / FE	V12S48-A020-C1 / FE
<b>Power Consumption LED's</b>	27.36 Watts	54.72 Watts
<b>Power Consumption Driver</b>	4.5 Watts	9 Watts
<b>Total Power Consumption</b>	31.86 Watts	63.72 Watts
<b>Input Voltage</b>	230V AC 50Hz / 110V AC 60Hz	
<b>Light Source</b>	1.14 W High Power LED	
<b>LED QTY</b>	24	48
<b>Total LED Output</b>	2640 lm	5280 lm
<b>Efficiency (Typ.)</b>	85%	
<b>LED Colour</b>	Cool White	
<b>Colour Temp (K)</b>	5400 - 6300 degrees K (Standard)	
<b>CRI</b>	Ra>70	
<b>LED Lifespan</b>	50,000 > 80,000 Hours	
<b>Operating Temperature</b>	-30 degrees C to + 50 degrees C	
<b>Working Humidity</b>	0 ~ 95%	
<b>Turn on time</b>	100ns	
<b>Unit colour</b>	White	
<b>Net Weight</b>	4 Kg	8 Kg
<b>Mounting</b>	Recessed (R) / Surface Mount (SM)	
<b>Certification</b>	RoHS, CE	
<b>Warranty</b>	3 Years	

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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.



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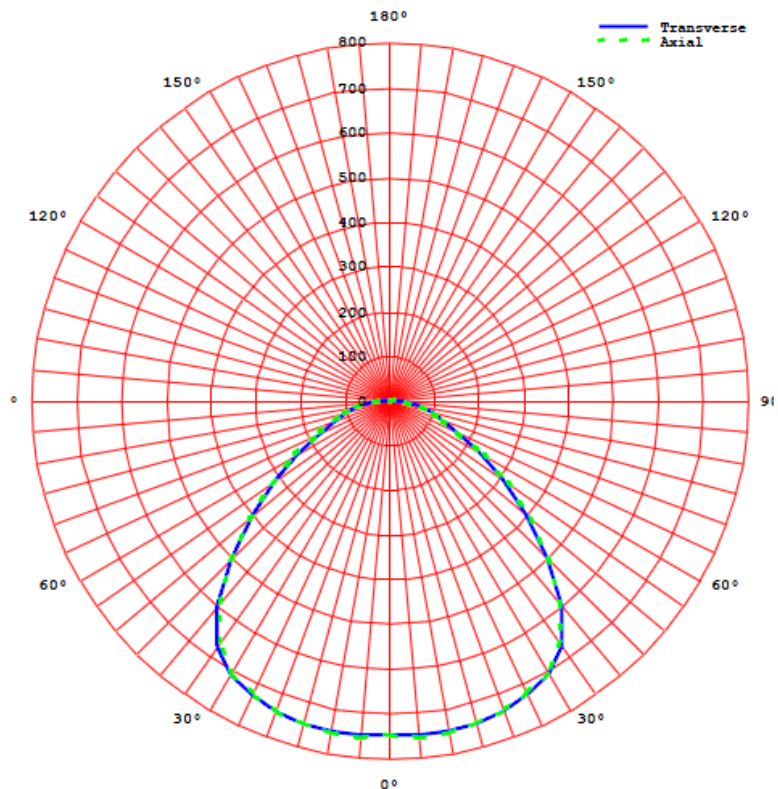
## Venus XL110 – LED Ceiling Tile

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.

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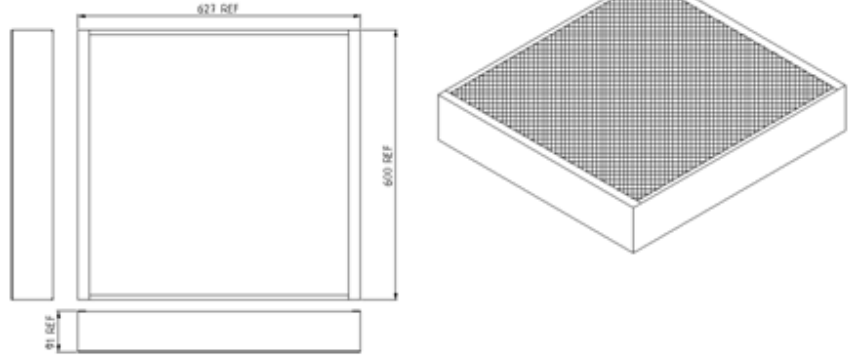




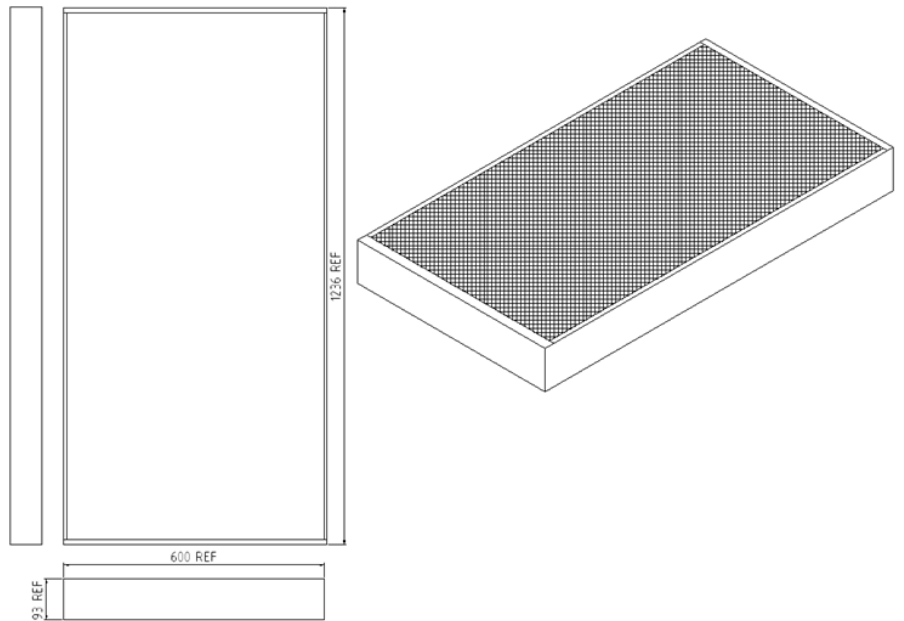
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## Venus XL110 – LED Ceiling Tile



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

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