

# Venus XL110 – LED Ceiling Tile

## Venus - LED Ceiling Tile Range

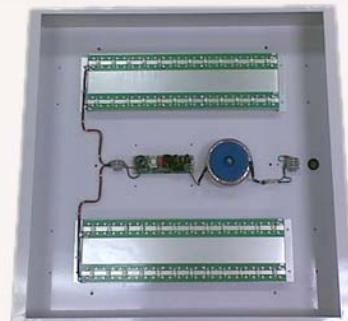
Venus 24 XL110 AC  
(600mm x 600mm)

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

Venus 48 XL110 AC  
(1200mm x 600mm)

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

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	V12R48-A001-A1
<b>Product Code (SM)</b>	V6S24-A001-C1	V12S48-A001-A1
<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>	100,000 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	

**Gemma** LIGHTING LIMITED

Unit 3 , Marshlands Spur  
Farlington  
Portsmouth  
Hampshire  
PO6 1RX

Tel: +44 (0) 844 856 5201  
Fax: +44 (0) 844 856 5209

Email: [info@gemmalighting.com](mailto:info@gemmalighting.com)



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

## Venus XL110 – LED Ceiling Tile

Our new indoor range of dimmerable LED drivers make 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.



### 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)

#### Specifications: Venus Ceiling Tile - Dimmerable

<b>Product Code:</b>	600mm by 600mm	1200 by 600mm
<b>Venus Ceiling Tile (R) – DIM</b>	V6R24-A020-C1	V12R48-A020-A1
<b>Venus Ceiling Tile (SM) - DIM</b>	V6S24-A020-C1	V12S48-A020-A1



The **Venus** LED Battery Back Up will power 24 LED's for 3 Hours.

Above: Battery Back Up Box

#### Specifications: Venus Ceiling Tile – Battery Back Up

<b>Product Code:</b>	600mm by 600mm	1200 by 600mm
<b>Venus Ceiling Tile (R)</b>	V6R24-A016-C1	V12R48-A016-A1
<b>Venus Ceiling Tile (SM)</b>	V6S24-A016-C1	V12S48-A016-A1
<b>Venus Ceiling Tile (R) – DIM</b>	V6R24-A066-C1	V12R48-A066-A1
<b>Venus Ceiling Tile (SM) - DIM</b>	V6S24-A066-C1	V12S48-A066-A1

**Gemma** LIGHTING LIMITED

Unit 3 , Marshlands Spur  
Farlington  
Portsmouth  
Hampshire  
PO6 1RX

Tel: +44 (0) 844 856 5201

Fax: +44 (0) 844 856 5209

Email: [info@gemmalighting.com](mailto:info@gemmalighting.com)



# Venus XL110 – LED Ceiling Tile

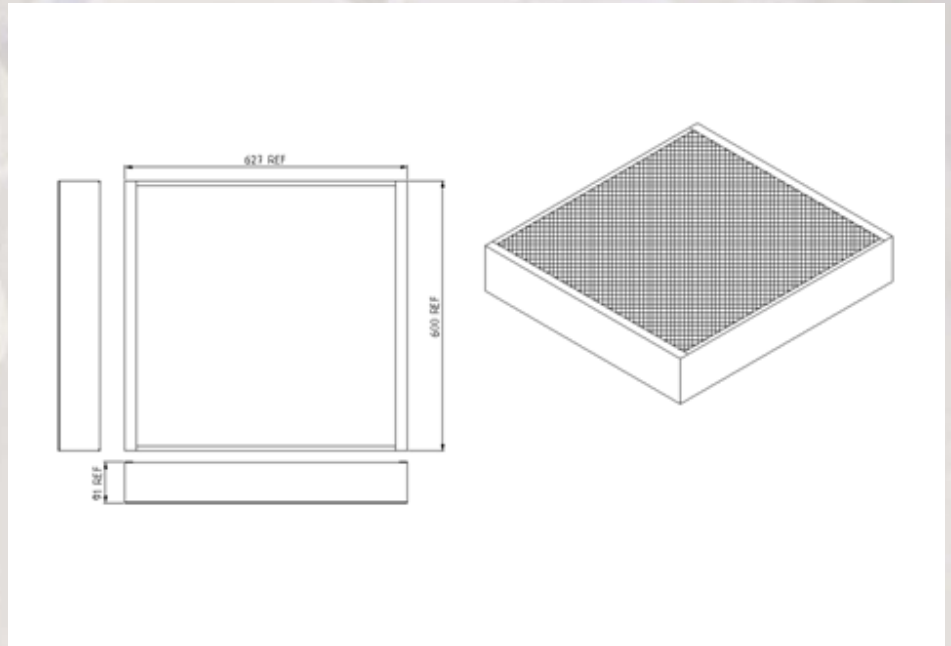
## Venus - LED Ceiling Tile Range

Venus 24 XL110 AC  
(600mm x 600mm)

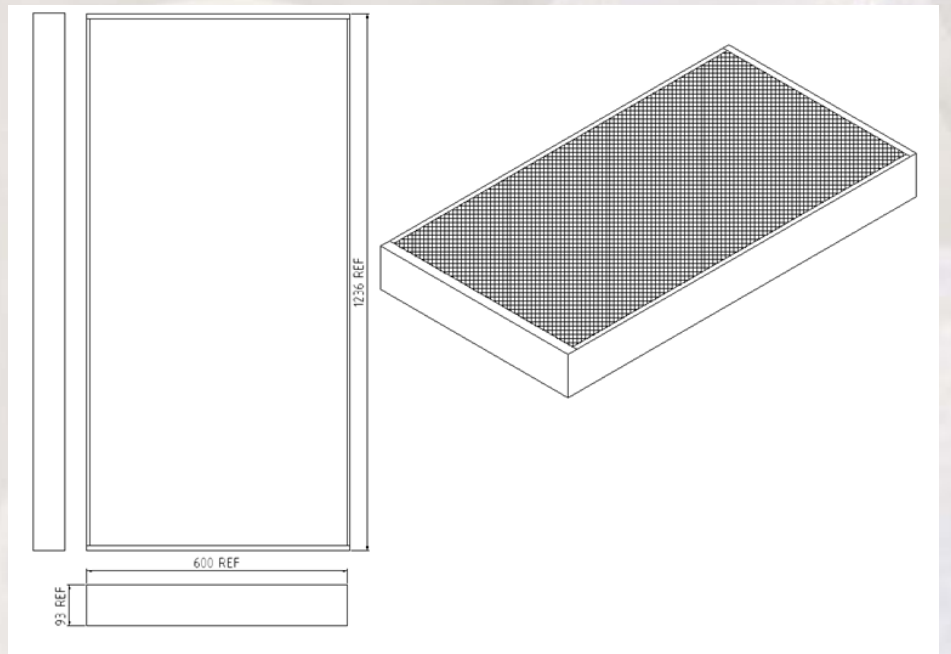
Venus 24 XL110 AC  
Dimmerable  
(600mm x 600mm)

Venus 48 XL110 AC  
(1200mm x 600mm)

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



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

**Gemma** LIGHTING LIMITED

Unit 3 , Marshlands Spur  
Farlington  
Portsmouth  
Hampshire  
PO6 1RX

Tel: +44 (0) 844 856 5201  
Fax: +44 (0) 844 856 5209

Email: [info@gemmalighting.com](mailto:info@gemmalighting.com)



# Venus XL110 – LED Ceiling Tile

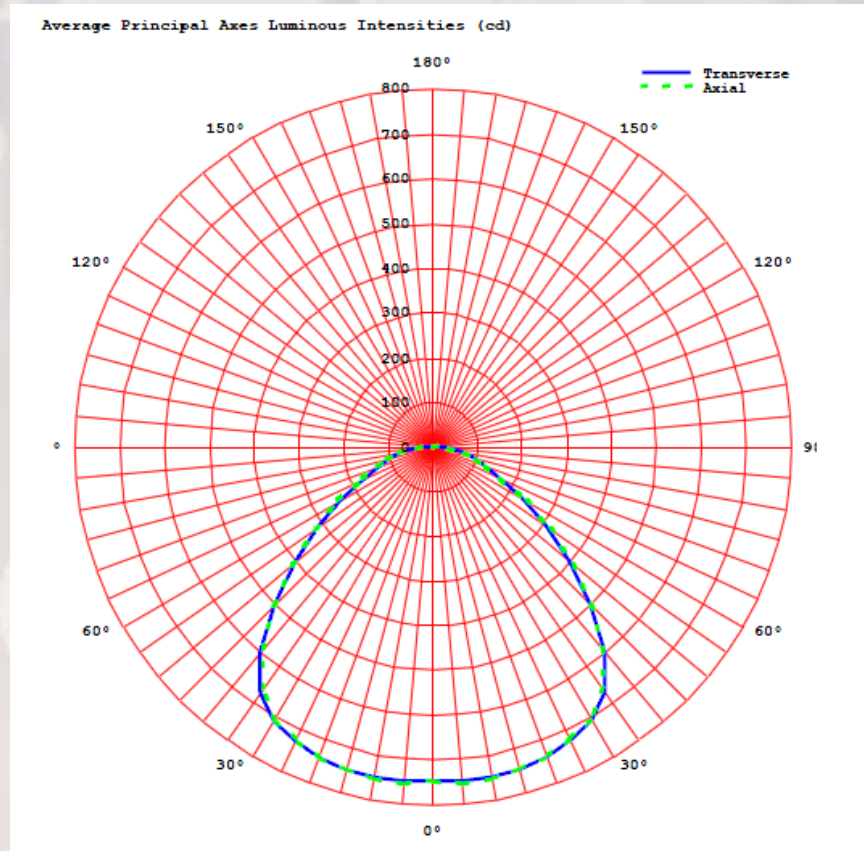
## Venus - LED Ceiling Tile Range

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)



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

**Gemma** LIGHTING LIMITED

Unit 3 , Marshlands Spur  
Farlington  
Portsmouth  
Hampshire  
PO6 1RX

Tel: +44 (0) 844 856 5201  
Fax: +44 (0) 844 856 5209

Email: [info@gemmalighting.com](mailto:info@gemmalighting.com)

