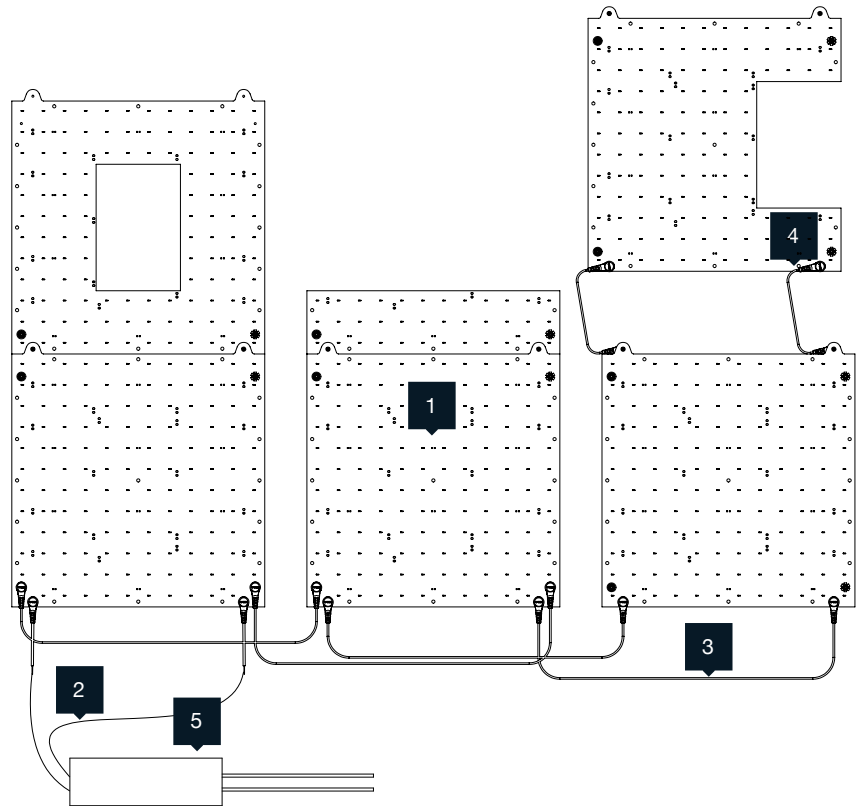


Bend the Rules of Lighting Design with VentoFlex Tiles

For architects and lighting designers with the highest standards, VCC VentoFlex modular lighting system opens up countless ways to make an impact. Featuring a flexible PC board, VentoFlex delivers seamless backlighting, even in challenging interior spaces

- 1 VentoFlex Tile
- 2 Ventoflex Power Cable
- 3 VentoFlex Jumper Cable
- 4 VentoFlex Bridge Cable
- 5 Driver

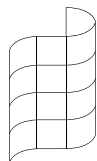


Features

- Connect up to ten 12"x12" VentoFlex LED tiles on a single driver
- Dimmable to 1% using any 0-10V/DALI signal
- LEDs: 144 Luxeon™ CRI>90
- Color Temperatures: 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K
- Viewing Angle: 140 degrees
- Luminous Flux = 864lm per square foot
- Luminous Efficacy = 100 lumens/watt (8.6W per tile)
- Material: Flexible Copper Clad Laminate (FCCL) PC board
- Mounting method: Staples/Nail/Screw/Double Sided tape
- Modular Connection: Snap buttons or jumper cables
- Operating temperature -13°F - 140°F
- Suitable for dry and damp locations
- TM-21 L70 > 60,000 hr
- 5 Year warranty

| No hot spots, just unstoppable versatility.

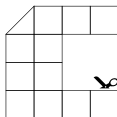
VentoFlex Flexible Copper Clad Laminate (FCCL) sheets can be mounted directly to most any non-conductive interior surface with no requirement for a heat sink. Featuring 90 CRI Luxeon™ LEDs in a wide range color temperatures, VentoFlex tiles provide seamless uniform illumination of luminous surfaces at setback distances as low as 2 inches.



| Versatile

Lighting design without compromise

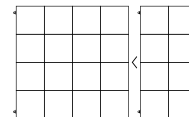
Ambient lighting is all about creating the right mood. VentoFlex helps designers set the exact tone and aesthetic they intended. With VentoFlex, lighting design is no longer limited by flat surfaces — the flexible tiles can contour to fit most any curved surface up to 90 degrees and beyond.



| Customizable

Cut. Shape. Wow.

Available in 12"x12" square sheets, these innovative LED tiles can be cut and formed around any design element, including rounded corners and tight spaces without taking up much room at all — 0.15. A pair of scissors is the only tool required to cut VentoFlex panels to the size and shape you desire.



| Modular

Impact that goes on and on

VentoFlex can link up to 10, 12" x 12" panels to one power source, all on the same 0-10V or DALI dimmer. That's 1,440 square inches of versatile lighting power! When connecting panels together, the cables don't have to physically touch each other, enabling even more design flexibility.

| Overview

Specifications

Location

Indoor, dry and damp location only

Operating Voltage

48 VDC

Electrical Connections

Tool-less snap connectors

Base Material

Flexible polyimide

Mounting

Mount to any surface

Photometric

Light output (lm) per sheet

691, 864

Color Temp

22K, 27K, 30K, 35K, 40K, 50K, 57K

Color Rendering Index (CRI)

>90, R9>50

Lumen Maintenance

TM-21 L70 > 60,000 hr

Viewing angle

140 degree viewing angle

Power

Voltage

48VDC constant voltage output

Dimming

Universal 0-10V or DALI

Wattage

5.8watt, 8.6watt

Efficacy

120lm/W, 100lm/W

Ordering Instructions

VentoFlex Tile

Product Category	Type of Cut	Cut Size	Wattage	LED Type	Color Temperature
VFT	S	12N	06	S	22K
VFT VentoFlex	S Square H Horizontal	12N 12" x 12"	06 6W 09 9W	S Static White	22K 2200 Kelvin 27K 2700 Kelvin 30K 3000 Kelvin 35K 3500 Kelvin 40K 4000 Kelvin 50K 5000 Kelvin 57K 5700 Kelvin
Part Number	Description				
VFTS12N06S35K	VentoFlex SQ 12" 6W SWhite 35K				

VentoFlex Power Cable

Product Category	Accessory	LED Type	Polarity	Length
VFT	PC	S	P01	02FT
VFT VentoFlex	PC Power Cable Can be + or - JC Jumper Cable No Polarity BC Bridge Cable Can be + or -	S Static White	P01 Positive (+) Red PC/BC N10 Negative (-) Black PC/BC H04 No Polarity White	02FT 2 ft** 03FT 3 ft** 10FT 10 ft* 20FT 20 ft*
Part Number	Description			
VFTPCSP0110FT	VentoFlex Power SWhite Positive Red10ft			

* VFTPCSP01 and VFTPCSP01 are only available 10 or 20 ft cable length

** VFTJCSH04, VFTBCSP01 and VFTBCSN10 are only available 2 or 3 ft cable length

Driver

Product Category	Power Supplier	Power Supplier	Voltage Input	Voltage Output	Wattage	Dimming
DRV	DM	CV	UNI	48	75	010D
DRV Drivers	DM Driver + Module	CV Constant Voltage	UNI Universal (120-277 VAC)	48 48 VDC	75 75 W	ND Non-Dimming 010D Dimming PWM (010V) DD Dali-Dimming
Part Number	Description					
DRVDMCVUNI4875010D	Driver with Module Constant Voltage Universal in / 48 VDC out 75 W Dimming PWM (0-10V)					

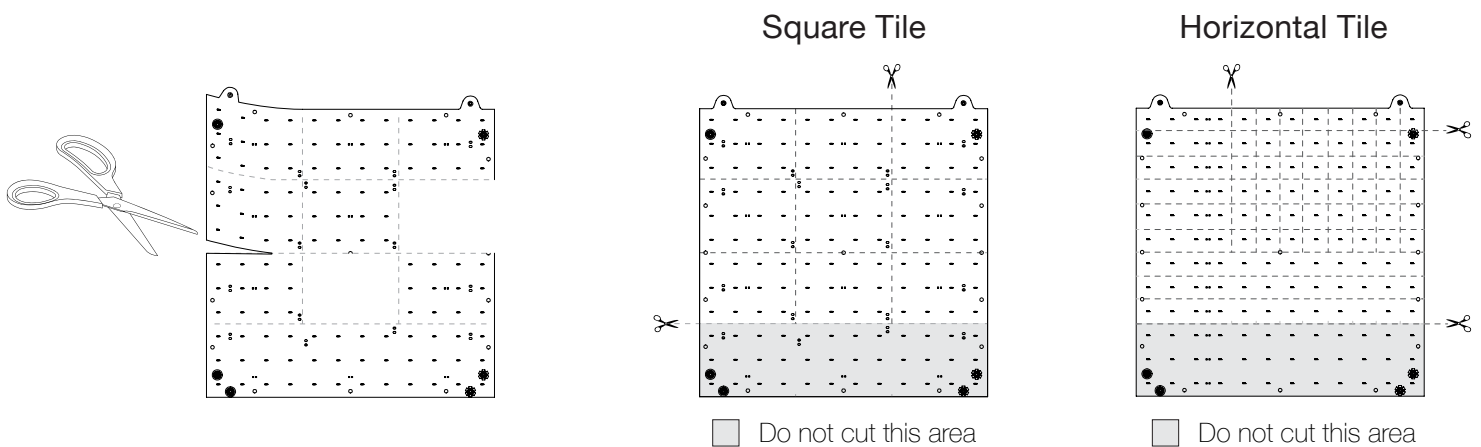
| Installation Instructions

Handling Instructions

- Avoid creasing or repeating bending of VentoFlex tiles.
- VentoFlex Sheets are flexible. Do not bend sheets to a diameter of less than 2 inches (50.8 mm)
- Do not scrape, rub, or excessively wipe the conductive area between the borders of the sheet.
- Handle sheets only by the borders
- Only mount sheets at mounting locations indicated on the tile - DO NOT puncture the active area of the tile

Trimming Tiles

- VentoFlex tiles may be cut with scissors, shears or knife at specific lengths unique to each tile design
- ONLY cut VentoFlex sheets along the dotted lines indicated on the sheet



Handling Instructions

- Fasteners should be appropriate for the mounting surface
- Mount only to non-conductive interior surfaces
- If using foam tape, apply only along the borders of each sheet

| Warranty

This product has a warranty period of 5 Years. Warranties may be available on certain products as indicated in the product description. Warranties are valid from the date of purchase. The warranty is invalid in the case of improper use, installation, tampering, removal of the Q.C. date label or installation in an improper working environment or installation. Should this product fail during the warranty period it will be replaced free of charge, subject to the correct installation of the original product and subsequent return of the faulty unit. VCC does not accept responsibility for any installation costs associated with the replacement of this product and VCC reserves the right to alter specifications without prior notice.

