

Illumination Without Limits

VentoFlex Modular Lighting System

12V~24V, 48V

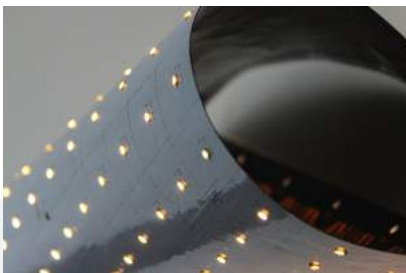


VCC has upped the ante with its highly versatile VentoFlex modular lighting system. Now available in **12V~24V, 48V** options, there's no limit to where you can take lighting design.

VentoFlex tiles can be cut, shaped and bent to form awe-inspiring lighting solutions in applications where space is tight and expectations are high.

But that's only half of the story... They can also be mounted to non-conductive interior surfaces with no heat sink.

The 12V~24V options open up even more possibilities since recreational vehicles and boats use 12V battery power for just about everything.



Versatile

With VentoFlex, lighting design is no longer limited by flat surfaces. Flexible copper clad laminate (FCCL) tiles can be mounted to just about any surface. They can also bend well past 90 degrees, even around sharp corners.



Customizable

Bring your vision to life with 12" tiles that can be customized in countless ways. All you need is a creative vision and a pair of scissors and some tape to create impactful lighting solutions.



Modular

Depending on the tile styles used, you can link up to 15 tiles with a single Class 2 LED driver. Best of all, the connecting tables aren't required to touch, meaning more flexibility in where and how you illuminate.

Bend the Rules of Lighting Design

Created for big impact in small spaces

With a footprint of only 0.15" (3.81mm), each VentoFlex tile is practically invisible, except when it comes to impact. VentoFlex tiles provide seamless illumination with setback distances as low as 2 inches, making them ideal for RVs, boats, and environments where limited space would be a design constraint.



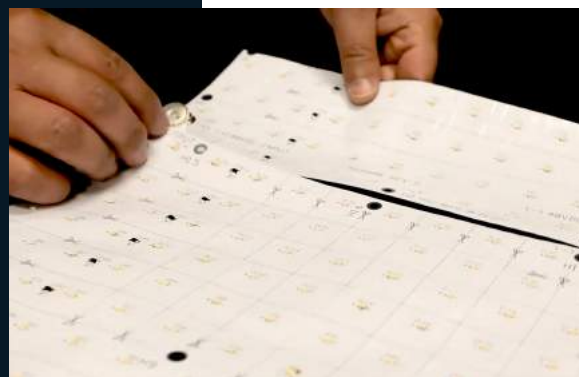
Designed to move and impress

Hard edges are no sweat for VentoFlex, thanks to its flexible copper-clad tiles. Each tile can be bent, curved, and shaped around sharp corners. With a 140-degree viewing angle, VentoFlex is designed to impress no matter which shape it takes.



Easy to use (and love)

Cut. Connect. Wow. That's the VentoFlex effect. Using only a knife or scissors, you can quickly create something amazing that sets the tone for your (limited) space. Tool-less installation and convenient, touch-free electrical connections only add to VentoFlex's appeal.



Three voltage options. Three tile styles. Countless configurations

Each VentoFlex tile type has infinite design possibilities of its own.

(H) Horizontal Cutouts:

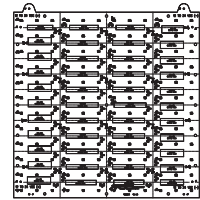
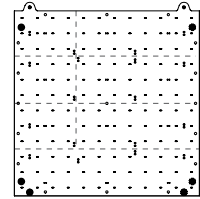
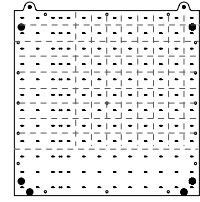
- Available for 48V (6W or 9W)
- 10mA with 48V input: 6W, up to 15 tiles
- 15mA with 48V input: 9W, up to 10 tiles

(S) Square Cutouts:

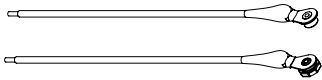
- Available for 48V (6W or 9W)
- 10mA with 48V input: 6W, up to 15 tiles
- 15mA with 48V input: 9W, up to 10 tiles

(M) Multiple Cutouts:

- Available for 12V~24V (6W, 9W, 12W, 18W)
- 10mA with 12V input: 6W, up to 15 tiles
- 15mA with 12V input: 9W, up to 10 tiles
- 10mA with 24V input: 12W, up to 8 tiles
- 15mA with 24V input: 18W, up to 5 tiles

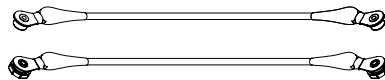


Accessories



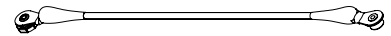
Power Cable

Available in 10 or 20 ft length



Bridge Cable

Connects up to 15 tiles horizontally



Jumper Cable

Connects up to 15 tiles vertically

Specs That Lead to the Spectacular

Location

Indoor, dry and damp location only

Operating Voltage

12~24VDC, 48VDC

Electrical Connections

Tool-less snap connectors

Base Material

Flexible polyimide

Mounting

Can be mounted directly to most any non-conductive interior surface with no requirement for a heat sink.

Light output (lm) per sheet

828lm for 12~24V tile and 48V

Color Temp

2200K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K

Color Rendering Index (CRI)

>90, R9>50

Lumen Maintenance

TM-21 L70 > 60,000 hrs

Input Voltage

12V~24VDC, 48VDC

Dimming

Dimming is possible depending on the Power Supply

Power Consumption

6W~18W

Max Efficacy

115 lm/w

No hot spots. Just head-turning illumination wherever you need it

Ideal for backslashes, signage, decorative walls, and environmental elements, VentoFlex opens up applications that are only limited by the imagination. And thanks to low-voltage power options, you can take your creativity on the road or sea.

Where will you put VentoFlex and your creativity to work?

- 3D sculptures
- Art installations
- Recreational vehicles
- Museums
- Photography and commercial sets
- Furniture and home decor
- Model homes
- POP displays in bars and restaurants
- Boats



Bend the rules of what's possible on your next design project with VentoFlex

Contact our team or your local distributor to place your order.

