



Freedom To Create

VCC is your premier source for modular lighting systems, and backlighting solutions.

We do more than assemble your lighting products — we own the process from design to manufacturing to ensure the highest standards are met (ours and yours).



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VentoFlex

Flexibility That Inspires Creativity



vcclite.com





VentoFlex

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.

Versatile

Lighting design without compromise

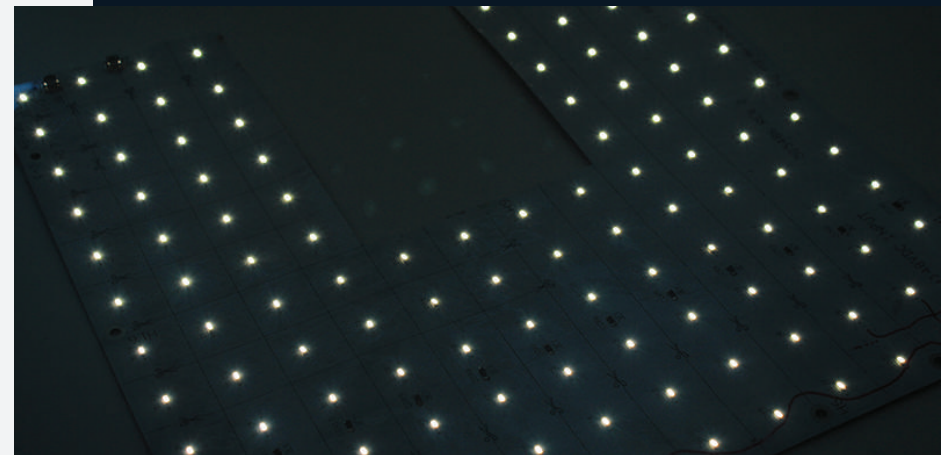
Ambient lighting is all about creating the right mood. VentoFlex helps designers set the exact tone and aesthetic they intended, whether it's a backlit lobby, decorative wall or something that hasn't even been imagined yet. With VentoFlex, lighting design is no longer limited by flat surfaces — the tiles mount to any surface and can bend to 90 degrees and beyond.



Customizable

Cut. Shape. Wow.

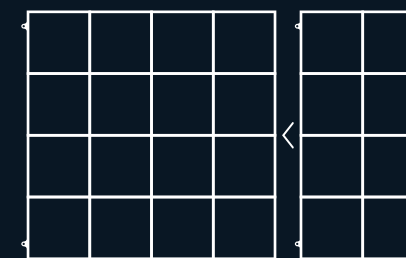
Available in 12" square tiles, these innovative LED tiles can be cut and formed around any design element, including corners and tight spaces without taking up much room at all — 0.15" (3.81mm). A pair of scissors is the only tool required to cut VentoFlex panels to the size and shape you desire.



Modular

Impact that goes on and on

VentoFlex can link up to 10 or 15, 12" x 12" tiles to one Class 2 LED Driver, all on the same 0-10V or DALI dimmer. That's 1440 or 2160 square inches of versatile lighting power! When connecting tiles together, the cables don't have to physically touch each other, enabling even more design flexibility.



Application

Create awe-inspiring illumination for:

- Ceilings
- Backlit signs
- Restaurants
- 3D installations
- Decorative Walls
- Entryways
- Retail spaces
- Bars and countertops

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

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

LED Specifications

Color Rendering Index (CRI)

>90, R9>50

Lumen Maintenance

TM-21 L70 > 60,000 hrs

Viewing angle

140 degree viewing angle

Power

Input Voltage

48VDC

Dimming

Dimming is possible depending on the driver

Wattage

5.8watt, 8.6watt

Efficacy

120lm/W, 100lm/W

(Download datasheet for efficacy table)