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.

Application

Create awe-inspiring illumination for:

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

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, wither 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.
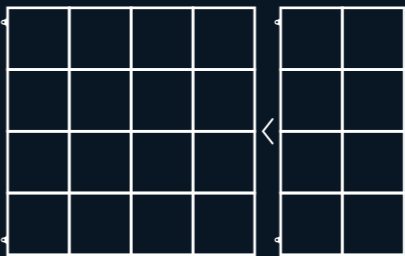
Customizable

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.

Specifications

Location
Indoor, dry and damp location only
Operating Voltage
48 VDC
Electrical Connections
Tool-less snap connectors
Base Material
Flexible polymide
Mounting
Mount to any non-conductive surface

Photometric

Light output (lm) per sheet
662, 828
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
119lm/W, 96lm/W
(Download datasheet for efficacy table)