



# Press Release Quick Tips

## Bend the Rules of Lighting Design with VentoFlex Tiles

**Distribution Date:** December, 2018

**Product Name:** VentoFlex

**Product Description:** Flexible Modular Lighting LED Tile

**Key Markets/Applications:**

- Backlit signs
- Retail spaces
- Ceilings and feature walls
- Illuminated signage products
- Bars and countertops
- Lobbies

Key Benefits	Product Specifications
<ul style="list-style-type: none"> <li>• VentoFlex delivers seamless backlighting, even in challenging interior spaces.</li> <li>• VCC VentoFlex modular lighting system opens up countless ways to make an impact. .</li> <li>• Provides seamless uniform illumination of luminous surfaces at setback distances as low as 2 inches.</li> <li>• Offered in 12"x12" square tiles, these innovative LED tiles can be cut and formed around any design element, including rounded corners and tight spaces</li> <li>• VentoFlex Flexible Copper Clad Laminate (FCCL) sheets can be mounted directly to most any non-conductive interior surface with no requirement for heat sink</li> <li>• 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.</li> <li>• Featuring 90 CRI Luxeon™ LEDs in a wide range color temperatures</li> </ul>	<ul style="list-style-type: none"> <li>• 12"x12" square LED tiles</li> <li>• Connect up to 10 or 15, 12"x12" VentoFlex LED tiles on a Class 2 LED Driver</li> <li>• Dimmable to 1% using any 0-10V/DALI signal</li> <li>• LEDs: 144 Lumileds (Luxeon™) CRI&gt;90</li> <li>• Color Temperatures: 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, 5700K</li> <li>• Viewing Angle: 140 degrees</li> <li>• Luminous Flux = 864lm per square foot</li> <li>• Luminous Efficacy = 100 lumens/watt (8.6W per tile)</li> <li>• Material: Flexible Copper Clad Laminate (FCCL) PC board</li> <li>• Mounting method: Staples/Nail/Screw /Double Sided tape</li> <li>• Tool-less snap connectors</li> <li>• Modular Connection: Snap buttons, jumper, or bridge cables</li> <li>• Operating temperature -13°F - 140°F</li> <li>• Suitable for dry and damp locations</li> <li>• TM-21 L70 &gt; 60,000 hr</li> <li>• Class 2 input only</li> <li>• 105°C maximum hot spot temperature (Tc)</li> <li>• Works with any 48VDC output LED Driver</li> <li>• 5 Year warranty</li> <li>• cURus listed and RoHS compliant</li> </ul>

For additional information about VCC, please visit [vcclite.com/ventoflex](http://vcclite.com/ventoflex)

