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PRESS & MEDIA INQUIRIES
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VCC Launches Vertical Board Mount Light Pipe Series to Complement SMD Technology

New VBL Series Brings Efficiency to HMI Solutions

Visual Communications Company (VCC), a recognized global leader in the illuminated electronics, announced its new family of SMD LED light pipes, the VBL Series.

This 3mm vertical board mount light pipe family is the perfect fit for applications including:

- IoT
- Medical
- Audio/Video
- Robotics
- Transportation Systems
- Entertainment

When accuracy counts, the VBL Series is the clear choice for reliable indication. Designed to transport a narrow beam of light, the Series ensures minimal light loss, which could impact operation on HMIs with multiple indicators.

In addition to preventing light bleed, benefits to operators and OEMs include:

- **Cost-effective status indicator solution** - for more complex control panels with a lot going on, the VBL Series provides significant cost savings and design flexibility compared to utilizing panel mount indicators.
- **Uniform illumination without question** - a frosted top diffuses the light and maintains a soft, consistent glow with no hot spots.
- **Sleek design for modern devices** - the flat top option sits flush with the user interface, providing a smooth aesthetic.
- **Just the right viewing angle for the job** - options include a flat top with an 80-degree viewing angle or a domed top with a 20-degree viewing angle.
- **Built-in production efficiency** - with press-fit installation, the VBL Series mounts directly to the PCB for faster, more cost-effective assembly.



- **Complements SMT LED technology** - to further reduce costs, the VBL Series opens up possibilities for OEMs to streamline production and assembly. The light pipes easily fit over the surface-mount LEDs, allowing faster completion of the sub-assembly.
- **Wide range of standard lengths** - light pipe lengths from 0.20” to 1.000” to suit any need, with custom lengths and colors also available.
- **Designed to stay in place** - with VCC’s Stay-Put Placement, the light pipes are attached at the PCB board and the PMI so they remain stable in high-vibration environments and eliminate the opportunity for vertical or horizontal misalignment of the LED, PCB, and panel.
- **Ideal for small, mission-critical LEDs** - these optical-grade light pipes work well with LEDs that are 3.0mm x 3.0mm x 2.0mm.

“We’re pleased to roll out the perfect complement to our advanced SMD technology in the VBL Series,” stated Sannah Vinding, Director of Product Development and Marketing. “These vertical board-mount light pipes with press-fit design and Stay-Put Placement empower our customers to achieve production efficiencies while delivering superior status light indicators.”

VCC’s VBL Series will be available through its distribution channels in June 2021. To learn more about the new LED light pipes and the many ways they optimize any device, visit: <https://vcclite.com/vbl-series/>

About VCC

Visual Communications Company, LLC (VCC) is a recognized leader in the illuminated electronic global market with unparalleled distribution of high quality, reliable LED-based components, solutions and customer service. Over the past 40 years, VCC has been an innovative developer and manufacturer of a broad product line for commercial and industrial markets including aerospace, medical device, telecom, transportation, people movers, IoT indication, hospitality and architectural lighting solutions.

VCC has earned the reputation for being one of the easiest and best companies to do business with by continually exceeding customer expectations. VCC has changed the way customers communicate with illuminated components. Headquartered in San Diego, California with international manufacturing operations, you can learn more at www.vcclite.com.

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