

**FOR IMMEDIATE RELEASE**  
**March 21st, 2017**

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***The new 3mm and 5mm through hole LED indicators simplify design and assembly in a wide range of applications...***

**VCC's High Brightness LED Indicator With Built-In 12V Resistor  
Offers Space and Cost Savings**

SAN DIEGO, CA (March 21st, 2017) — VCC has launched the LTHxMM12V Series, a through hole LED indicator with a built-in resistor for 12V DC applications. The built-in resistor not only simplifies and accelerates the design and manufacturing processes, but also offers significant space and cost savings by eliminating the need for an additional resistor. The built-in resistor improves the device's overall reliability for use in a multitude of applications such as automotive industry, boats, landscape lighting, storage servers and is ideal for outdoor applications.

Available in a 3mm T1 version (LTH3MM12V) and a 5mm T1¾ (LTH5MM12V) version, the through hole LED indicators offer superior light output for excellent readability in sunlight. Its flange lead frame style makes the LTHxMM12V ideal for status indication and display applications. The indicators have a domed top with a water-clear lens that is produced in a variety of colors including red, green, blue, yellow, and white.

"The new LTH Series combines high brightness indication and excellent daytime readability with reliable performance and design simplicity, as it can be connected to a 12V power supply without additional components," said Sannah Vinding, Director of Product Development and Marketing at VCC.

The LTHxMM12V is compliant with RoHS and REACH requirements.

For more information on the LTHxMM12V series [click here](#)

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### **About VCC**

Based in greater San Diego, California, Visual Communications Company, LLC, is the leader in illuminated components. VCC is the recognized leader in the development and manufacturing of innovative LED, incandescent, neon and specialty indicator light solutions and light pipes for global markets including aerospace, food service, people movers, transportation, medical, IoT and industrial. VCC provides custom and standard solutions with their design engineering expertise, superior customer service and broadest product line in the industry to exceed user experience. With 40+ years of experience, VCC and its distributors serve customers all over the world. VCC is changing the way of communication visually and indications needs. Learn more at <http://vcclite.com/>