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Editor Contact Information

Andrew Zanelli, VCC
(858) 386-5675
azanelli@vcclite.com

Garth Miller, ABM
(919) 424-0090
garth.miller@allbusmarketing.com

VCC's design services & custom indicator solutions solve challenging applications involving the delivery of light...

VCC's LED Light Modeling and Simulation Shortens Time-To-Market, Enhances Light Delivery

POWAY, CA (September 30, 2014) — VCC, the global leader in indication and specialty illumination solutions, offers advanced design services that include LED light modeling and human vision simulation that predicts light behavior and provides a complete analysis of all photometric and colorimetric characteristics of any product design.

By combining cross section, contrast, iso-curves, spectral and chromaticity coordinates for analysis, VCC can consider the optical properties of surfaces, materials, and light sources using actual data on light intensity, uniformity, contract, propagation and distribution. Light behavior can be predicted and potential hot spots identified, resulting in a more cost-effective design that keeps program development on schedule and delivers the best optical performance for a customer's application.

Utilizing its light modeling and human vision simulation technology, VCC can modify existing product, integrate existing modular components as building blocks into customer existing product, or design and manufacture a complete custom solution that enhances the delivery of light. Custom product development programs include LED light pipes, special function panel indication, indicator assemblies and LED lenses.

VCC's light modeling and simulation services help OEMs solve challenging light pipe applications involving the delivery of light. From simple to more complex human machine interface systems, VCC excels at designing, testing and manufacturing custom light indication solutions in less time, to help companies communicate better with light.

For more information about VCC light modeling and simulation, please visit http://www.vcclite.com/design_services.php or contact VCC Design Services by phone at 800.522.5546; e-mail designservices@vcclite.com.

About VCC

Based in Poway, California, Visual Communications Company, LLC, is the recognized leader in the development and manufacturing of innovative LED, incandescent, neon and specialty indicator light solutions for global markets including aerospace, medical, automotive, transportation, safety and industrial. VCC's design services group helps OEMs solve challenging applications involving the delivery of light with high-performance, innovative LED panel indication and illumination solutions. With nearly 40 years of experience, VCC and its distributors serve customers all over the world. Learn more at www.vcclite.com.