

Raleigh Orthopaedic Selects Revolutionary Cree LED Lighting to Dramatically Improve Light Quality for Patients and Staff

DURHAM, NC -- Raleigh Orthopaedic Clinic, one of the city's largest orthopaedic practices, chose LED lighting from Cree, Inc. for the facility's new, state-of-the-art headquarters and surgery center. Compelled by Cree TrueWhite® Technology, which provides superior color quality and energy efficiency, the North Carolina facility installed more than 1,000 Cree® CR Series LED architectural troffers throughout the 98,000-square-foot clinic. According to Raleigh Orthopaedic, the newly installed LED troffers will decrease the clinic's lighting energy usage by 54 percent compared to outdated fluorescent technologies.

"The biggest difference my colleagues and I have noticed is the dimming capability of the Cree LED troffers, which we use on a daily basis in diagnostic exam rooms," said Dr. G. Hadley Callaway, president, Raleigh Orthopaedic. "My patients and I are better able to view X-rays as we discuss a course of treatment, providing an improved atmosphere for patients and staff."

The Cree CR22™ and CR24™ LED troffers deliver an industry-leading 90 CRI with consistent color temperatures. Designed to last for more than 50,000 hours, or twice the lifetime of comparable fluorescents, Cree LED troffers reduce lighting maintenance and operational costs for the practice. Coupled with Cree's industry-leading 10-year warranty, the installation is expected to pay for itself in less than three years*.

"Cree understands the rigorous lighting needs of healthcare facilities. With Cree CR Series LED troffers, clinics like Raleigh Orthopaedic now have a no-compromise LED lighting solution, providing superior color quality and significant energy and maintenance savings compared to traditional technologies—the results speak for themselves," said Mike Bauer, vice president of lighting sales, Cree.

Dr. Callaway continued, "We've continued to be pleased with the light quality and color rendering of the Cree LED troffers, and we're especially impressed with how the installation has helped provide a more comfortable environment for patients and helped minimize eye strain for staff."

To read the full case study and view photos of this installation, please visit our [case study page](#).

**Based on commercial usage of 14 hours per-day and the national average of \$0.11 per kWh electric costs, lighting-related HVAC impact and relamp maintenance reductions.*

About Cree

Cree is leading the LED lighting revolution and making energy-wasting traditional lighting technologies obsolete through the use of energy-efficient, mercury-free LED lighting. Cree is a market-leading innovator of lighting-class LEDs, LED lighting, and semiconductor products for power and radio-frequency (RF) applications.

Cree's product families include LED fixtures and bulbs, blue and green LED chips, high-brightness LEDs, lighting-class power LEDs, power-switching devices and RF devices. Cree products are driving improvements in applications such as general illumination, electronic signs and signals, power supplies and solar inverters.

For additional product and company information, please refer to www.Cree.com/Lighting.

This press release contains forward-looking statements involving risks and uncertainties, both known and unknown, that may cause actual results to differ materially from those indicated. Actual results may differ materially due to a number of factors, including the risk that actual savings will vary from expectations; customer acceptance of LED products; the rapid development of new technology and competing products that may impair demand or render Cree's products obsolete; and other factors discussed in Cree's filings with the Securities and Exchange Commission, including its report on Form 10-K for the year ended June 30, 2013, and subsequent filings.

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