Energy-Efficient
Solid State Lighting Solutions
We Understand Your Unique Lighting Challenges.

At PerkinElmer, we are focused on helping our customers accelerate LED-based lighting designs which are innovative, energy-efficient and contribute to reduction in carbon dioxide emissions. While all LED designs have energy-efficiency in common, we recognize that every solid state lighting application is different and each customer has unique requirements.

Whether your goal is reducing power consumption, reducing heat output, meeting tight candela requirements, long life, high CRI, adhering to tough regulatory requirements—or all of these objectives—we understand your unique lighting challenges and deliver the world-class, custom LED solution for your application.

We specialize in LED-based designs for:

- Medical and Dental Lighting
- Safety and Security Lighting
- Analytical Instrumentation Lighting
- Industrial Lighting
- Architectural Lighting

Global LED Capabilities.
Global Commitment to Quality.

You benefit from the power of PerkinElmer’s nine global illumination design and manufacturing sites in the USA, Europe and Asia, each ISO-certified. We have two design and manufacturing facilities exclusively dedicated to LEDs.

PerkinElmer is committed to stringent manufacturing and quality systems and we have a Continuous Improvement culture, including Six Sigma and Lean Manufacturing. Operational excellence is a prerequisite for our focus on creating better outcomes for our OEM customers and their customers. Creating a brighter, safer, healthier future starts and ends with a global commitment to quality.
Dental Lighting
PerkinElmer designed a complete high performance LED light engine assembly for this world class dental lighting application which had lower power consumption, reduced heat output, variable color temperature, shadow reduction and long life.

Surgical Lighting
PerkinElmer partnered with this market leader to accelerate introduction of this premier LED-based surgical lighting which had low power consumption, long life, high CRI, reduced heat output, excellent shadow control and a crisp, adjustable spot.

Aircraft Warning Lights
PerkinElmer designed a patented optic for this safety and security application which reduced power consumption while using the fewest LEDs possible and met stringent FAA and ICAO regulations.

We have the expertise to handle your difficult optical requirements and provide the level of Solutions Integration that you require.

Trust PerkinElmer to help you illuminate your markets with high-performance, LED-based designs.

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Solutions Integration From Concept Through Post-Production
At PerkinElmer, we provide the level of solutions integration that you require. We specialize in customer-specific designs where we become a part of customers’ engineering development team, all to help you get your product to market quickly. Our LED-based design and manufacturing capabilities include:

- LED Light Engines
- Fiber Optic Illuminators and Modules
- Custom LED Packaging using advanced Chip-on-board (COB) technology
- Optical Design
- Optical Testing
- Thermal Management
- Mechanical Design
- Electrical System Design

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About PerkinElmer

PerkinElmer is a $2 billion global technology leader focused on creating a brighter, healthier and safer environment.

PerkinElmer is committed to providing environmentally-conscious lighting solutions that improve the quality of the human experience. We take pride in providing products and solutions that help people live longer and healthier lives.

We seek to partner with each customer to understand their unique challenge and provide innovative lighting solutions that help them win in the market.

Contact us to learn more about how our energy-efficient LED-based illumination solutions can accelerate your competitive edge.

www.perkinelmer.com/Lighting