



envisionlight

THE FUTURE LOOKS BRIGHT

INDUSTRIES & CLIENTS

Our clients are leaders in their respective industries and range from Fortune 500 corporations to small businesses. Regardless of employee size or brand recognition, our clients are working with cutting edge technology and aggressive schedules and turn to Envisionlight based on the company's industry knowledge, ingenuity and proven track-record of delivering measurable results. Our expertise encompasses all light sources and virtually every manufacturing industry related to lighting. The ability to draw upon our diverse industry experience results in a transfer of knowledge and technologies that consistently benefits Envisionlight's clients.

Lighting Industries & Expertise

- > Commercial/Consumer
- > Industrial
- > Architectural
- > Studio/Entertainment
- > Appliance
- > Transportation
- > Military
- > Medical/Dental
- > Sports
- > Emergency

Selected Clients

- > John Deere
- > United Technologies
- > Pelton & Crane
- > Genlyte Thomas
- > NUVO Surgical Lighting
- > Moffatt Products
- > Sunray Studio Lighting
- > Sportlite
- > SRB Technologies
- > Sub-Zero
- > HELLA
- > Hubbell Lighting

BUSINESS PROFILE

Pioneering the next generation of illumination – In today's high-speed, short life cycle product environment, companies require a strategic partner that can help to lower production costs, reduce time to market and increase product quality. *Envisionlight* is a full-service lighting technology and design firm that sets the standard for innovative lighting engineering and manufacturing solutions.

Headquartered in Wrightsville Beach, North Carolina, the Envisionlight team is the most experienced and knowledgeable lighting consulting firm in North America. With an average experience level of 20-plus years, each member brings unparalleled expertise in their respective fields and offers invaluable insight and vision on each project.

Founder and President, Mark Wedell, directs Envisionlight's pioneering energy. His 22-plus years of manufacturing experience include 17 years of new product development and over 12 years specifically in the lighting manufacturing sector. Mark holds an engineering degree as well as a Masters of Business Administration. With 20 patents currently on file, Mark blends his technical know-how with his hands-on knowledge of business and market trends to deliver measurable results.



*Founder and President,
Mark Wedell*

SERVICES & CAPABILITIES

More than just engineers – Envisionlight understands the business of manufacturing and lighting design. We offer a broad spectrum of consulting services providing a one-stop-shop for turn-key product development, manufacturing and market strategy. Our client's expect visionary thinking, therefore we never take a project at face value. We always take an active role in the design process and apply our expertise to ensure your design exceeds expectations.

Engineering & Design

- > Optical Engineering
- > Industrial Design
- > Mechanical Engineering
- > Electrical Engineering
- > Prototype
- > Thermal Finite Element Analysis

Solid State Lighting – LED Specialists

The Light Emitting Diode (LED) has been in wide use for over 30 years, but only as an indicator accent light. In the last few years, the LED has made phenomenal performance improvements resulting in a new general illumination source for a wide variety of applications. Envisionlight is a recognized leader in LED technologies and can help you realize the benefits of adopting solid state lighting.

Lighting Source Expertise

- > LED
- > HID
- > Fluorescent
- > Incandescent/Halogen

THE ENVISIONLIGHT ADVANTAGE

- > *Industry knowledge & technology transfer*
- > *Turnkey product development, design and manufacturing solutions*
- > *Reduced time to market*
- > *Lower product costs*
- > *Reduced component counts*
- > *Increased product quality*
- > *Elimination of overhead costs*
- > *Reduced energy consumption*
- > *Reduced maintenance and repair*
- > *Better lighting control*
- > *Improved product appearance & market acceptance*

A HIGHER STANDARD OF SUCCESS

Our success isn't measured only in dollars & cents. Our design solutions have contributed to breakthroughs that are realized in everyday life. Our solutions make patients healthier, entertainment more dazzling, automobiles and drivers safer, buildings brighter and consumer products more appealing.

- > Redesign of an industrial task light for machining centers reducing energy consumption 91% by utilizing new source technology and optics.
- > New emergency lighting system design converted the source technology, improved lighting distribution and reduced product size by 80%.
- > Design of a new open heart surgical operatory light optics system eliminated all forward heat, preventing patient tissue damage.
- > A new design for an off-road headlight improved lighting distribution and prevented vibration damage to the source, resulting in a maintenance-free product.
- > Thermal FEA analysis and redesign of an existing product doubled the wattage without retooling costs, saving the client \$450,000.
- > New lighting system design for the appliance industry resulted in a 25% energy savings.



CONTACT INFORMATION

Whether you need to completely outsource your project or just require additional horsepower as part of your in-house team, with **Envisionlight** – *The Future Looks Bright.*

Envisionlight
7040 Wrightsville Ave., Suite 204
Wilmington, NC 28403

Tel: 1-866-80-VISION
Fax: 910-401-1707

Email: info@envisionlight.com
Web: www.envisionlight.com

INNOVATIVE
LIGHTING ENGINEERING
AND MANUFACTURING
SOLUTIONS

