

# OPTICAL ENGINEERING

Prototype through Production!

MEDICAL & DENTAL

BIOMEDICAL

AUTOMOTIVE

INDUSTRIAL

## Dental Loupes & Headlights

Our optical and mechanical designs prove to be winning combinations that have generated over \$300 Million in revenues and numerous product awards over the past 18 years. Our designs are the benchmark for comfort and clarity over a wide field of view.



## LED Based Sensor Mirror

People around the world use our patented LED light engine inside this award-winning vanity mirror, with adjustable color temperature and superb color rendering ability. Due to the superior quality of this light, this mirror has been an award winner in the beauty products industry.

## Handheld Spectrometers

We surpassed customer expectations with the optical and opto-mechanical core of handheld Raman and LIBS spectrometers. Applications include incoming inspection of raw materials for pharmaceutical companies, through sealed bags, so contents remain sterile during inspection.



# OPTICAL ENGINEERING & SYSTEMS

Leading organizations in the medical device, illumination, laser and automotive industries have successfully integrated our designs into their optical products and systems.

## Optical Product Development

LED Optical Design

Lens, Reflectors, Light-Pipes

Laser Optics & Systems

Instrument Optical Design

## Optical Project Management

Opto-Mechanical Design

Lens Design

Optical Assembly

Optical Testing Services

## LEDs & Illumination

When sensors at a packaging plant couldn't identify color codes speeding by at 1,000 meters per minute, we rapidly integrated freeform LED illumination optics and sensor optics into the system.

## 14 Design Awards Including:

7 Medical Design Excellence Awards

Dental Townie Choice Awards

Dentistry Today Top 100 Products

Dental Product Shopper Awards

Reality Five Star Awards

## Recovery Strategies

Should your optical product or system fail to meet specifications or achieve high levels of customer satisfaction, count on us to collaborate professionally with your team, identify the root cause and recommend a corrective course of action.

## Let's Talk!

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Free 30 Minute Consulting Session