

# Lighting Testing

Bright Ideas in Safety & Performance Testing



Valued Quality. Delivered.



Intertek's rich history in the lighting industry all began with Thomas Edison, an industry pioneer who established the Lamp Testing Bureau within his manufacturing facility in 1896, which later became ETL. Since then, manufacturers have relied on Intertek's expertise and responsiveness, allowing them to get their lighting products to market quickly, safely and efficiently.

Through the years, Intertek has continued to lead the way in safety and performance testing of LED and other lighting innovations. With over 1,000 labs and presence in more than 100 countries, Intertek can quickly and seamlessly get your product into almost any market around the world.

We are continually investing in our world-wide testing labs with state-of-the-art testing equipment and building capacity to ensure we can help bring your product to market faster than our competition.

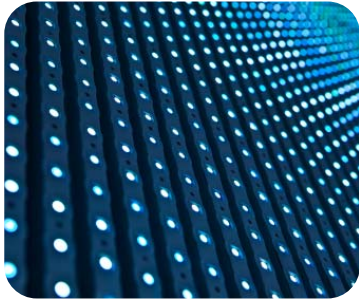
**Legacy. Speed. Global Results.**

## Complete Testing Solutions from a Single Source

- Intertek operates in more than 100 countries with over 30,000 employees. Across our network of laboratories, we maintain superior industry knowledge and expertise in testing and certifying lighting products to virtually any standard.



Valued Quality. Delivered.



### Automotive Lighting Components

#### Capabilities

- Photometry
- Electrical Performance
- Mechanical Shock
- Accelerated Corrosion
- Temperature Cycle
- Abrasion
- Chemical Resistance
- Moisture
- Accelerated Weathering

#### Specifications

- FMVSS 108
- SAE
- JIS
- Ford SDS
- Toyota
- USCAR
- CMVSS 108
- ECE
- General Motors
- Chrysler
- Mitsubishi
- Freightliner

### Residential/Commercial Lighting

#### Capabilities

- Global Certifications (CE, CB Scheme, ENEC)
- EPA Recognized Lab
- EPA Certification Body
- EPA CALiPER Lab
- General Coverage
- Data Acceptance
- Photobiological
- EMC
- Sign Program
- RoHS
- Hazardous Location

#### Specifications

- ENERGY STAR®
- NRCan
- CEC
- DLC
- NSF
- IES
- ANSI/UL
- CSA
- ATEX
- NYC Local Law 26

### Performance Testing of Lighting Products

As leaders in the lighting industry, Intertek offers a wide scope of performance testing services for general lighting products, transportation, airport, aircraft, automotive, traffic control, and railway lighting.

Performance testing is essential to ensure that products will withstand their environments and resist factors such as dust, moisture, vibrations and temperature extremes. Intertek is the industry leader in mechanical, environmental and IP testing, ensuring that lighting products can operate effectively in a variety of conditions.

### Airport Lighting Components

#### Capabilities

- Photometry
- Accelerated Life Testing
- Mechanical Shock
- Salt Fog
- Dust
- Wind Load
- Altitude
- Rain
- Insulation Resistance
- Accelerated Weathering
- Leakage Current
- Temperature Cycle

#### Specifications

- FAA AC 150/5345 Series Advisory Circulars
- ICAO
- FAA-E Series
- Military
- Coast Guard

### Traffic Control Lighting Components

#### Capabilities

- Photometry
- Vibration
- Moisture
- Electrical Performance
- Compatibility
- Electronic Noise
- Temperature Cycle
- Chromaticity

#### Specifications

- Institute of Transportation Engineers (ITE)
- CALTRANS
- AASHTO
- State DOT
- Municipal

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