



LIGHTING INDUSTRY SERVICES

Bright Ideas in Lighting Safety and Performance Testing

intertek
Total Quality. Assured.

Lighting Industry Services

Initially part of Thomas Edison's Edison Illuminating Company, Intertek began testing light bulbs in 1896. Rooted in this culture of innovation, Intertek's unparalleled service and expertise deliver the results you need from a lighting testing laboratory you trust.

Our Lighting Centers of Excellence around the world offer clients access to the most advanced lighting testing services to validate products to the requirements of virtually any local or international standard. Wherever you manufacture or sell products, Intertek can help you minimize design failures and overcome barriers to enter markets faster. Intertek's strong portfolio of capabilities and ongoing lab investments supports your global business. By using a single source for business assurance, product testing, consulting, and certification needs, you can save time and money while reaching more markets.

Global Certifications & Safety Testing

- International Standards
- Horticultural Lighting
- Sign Program
- Class P LED Driver Program
- Hazardous Locations & Explosive Areas
- General Coverage Program
- Photobiological

Performance

- Accelerated Stress Testing
- Vibration
- Failure Mode Verification Testing
- Ingress Protection (IP)
- Transient Protection (Surge Testing)
- Retailer Requirements
- Photometric Testing to CIE and IES Standards
- Thermal Shock

Energy Efficiency

- Department of Energy (DOE)
- Energy-related Products Directive (ErP Directive)
- DesignLights Consortium™ (DLC)
- California Energy Commission (CEC)
- ENERGY STAR®
- National Resources Canada (NRCAN)
- LED Lighting Facts®

Emissions & Immunity

- Electromagnetic Compatibility (EMC)
- Radio Immunity
- EMI and MilSpecs
- FCC Part 15 and Part 18
- Radio Immunity including Radio Equipment Directive (RED), EN 300 328 for 24GHz, and more

On-Site Inspection & Labelling

Advisory Services

- Consulting for Quality Assurance including Training, Product Design Review, Facility Design, and Competitive Benchmarking
- Global Market Access Program
- Intertek Academy

Widest Variety of Product & Technology Testing

- Sanitation, Food Contact & Microbiological Testing
- Smart Home, Smart Building, Smart Grid, and IoT Services
- Software Testing (Cybersecurity, Usability, Security, Battery, Network Impact, and more)

Chemical & Environmental Services

- Compliance to RoHS, REACH, WEEE, LEED, Prop 65, CLP, Conflict Minerals, Restricted Substances, and more
- Bill of Materials (BOM) Assessments
- Corporate Social Responsibility (CSR)

SATELLITE™ Data Acceptance Program



Our Global Certification and Testing Services

North America Market

Certify your product with the ETL Listed Mark one of the most trusted and recognized electrical safety certifications in North America. ETL certification indicates that your product has been independently tested by Intertek, an OSHA-approved Nationally Recognized Testing Laboratory (NRTL), and compliant to North American safety standards.

Accreditations & Specifications:

- American Association for Laboratory Accreditation (A2LA)
- American Society of Agricultural and Biological Engineers (ASABE)
- ANSI/UL and NOM
- ATEX Directive
- California Energy Commission (CEC)
- Department of Energy (DOE)
- Department of Transportation (DOT)
- DesignLights Consortium™ (DLC)
- Environmental Protection Agency (EP) ENERGY STAR® Recognized Testing Laboratory (RTL) and Certification Body (CB)
- CALiPER Lab
- Federal Aviation Administration (FAA) Third-Party Certifier
- Federal Communications Commission (FCC)
- Illuminating Engineering Society (IES)
- International Accreditation Services (IAS)
- LED Lighting Facts®
- National Resources Canada (NRCan)
- National Voluntary Laboratory Accreditation Program (NVLAP)
- North American Manufacturing Association (NEMA)
- Industry Canada (IC)
- Society of Automotive Engineers (SAE)
- Standards Council of Canada (SCC)
- Zhaga Consortium

European Market

Headquartered in London, Intertek is a leader in the European lighting market. Leverage our accreditations, expertise, and our portfolio of certification marks recognized throughout Europe. Intertek opens doors to new markets by verifying products to regional or local requirements.

Accreditations & Specifications:

- ATEX Directive
- CE Marking Notified Body
- Energy-related Products Directive (ErP)
- ENEC
- EMC Directive
- IECEE CB Scheme
- IECEx
- International Commission on Illumination (CIE)
- Photobiological
- Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU
- REACH Regulations (173 SVHCs)
- RED (Radio Equipment Directive)
- R&TTE Directive
- WEEE Directive
- Zhaga Consortium

Asia Pacific, Middle East & Worldwide Markets

Intertek's global scope enables you to build a testing plan that works for you across Intertek laboratories in Asia Pacific or worldwide. With more than 300 accreditations, recognitions, and strategic partnerships around the world, we can test and certify lighting products to the requirements of any international market.

Accreditations & Specifications:

- BIS (India)
- BSMI (Taiwan)
- CB Testing Laboratory (CBTL)
- CCC Certification (China)
- C-TICK Certification (Australia)
- GOST Certification (Russia)
- IECEx
- IECEx Assessment and Test Report (ATR)
- National Certification Body (NCB)
- PSE Certification (Japan)
- Saudi Arabian Certificate of Conformity
- Saudi Standards, Metrology and Quality Organization (SASO)
- Taiwan Accreditation Foundation (TAF)





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