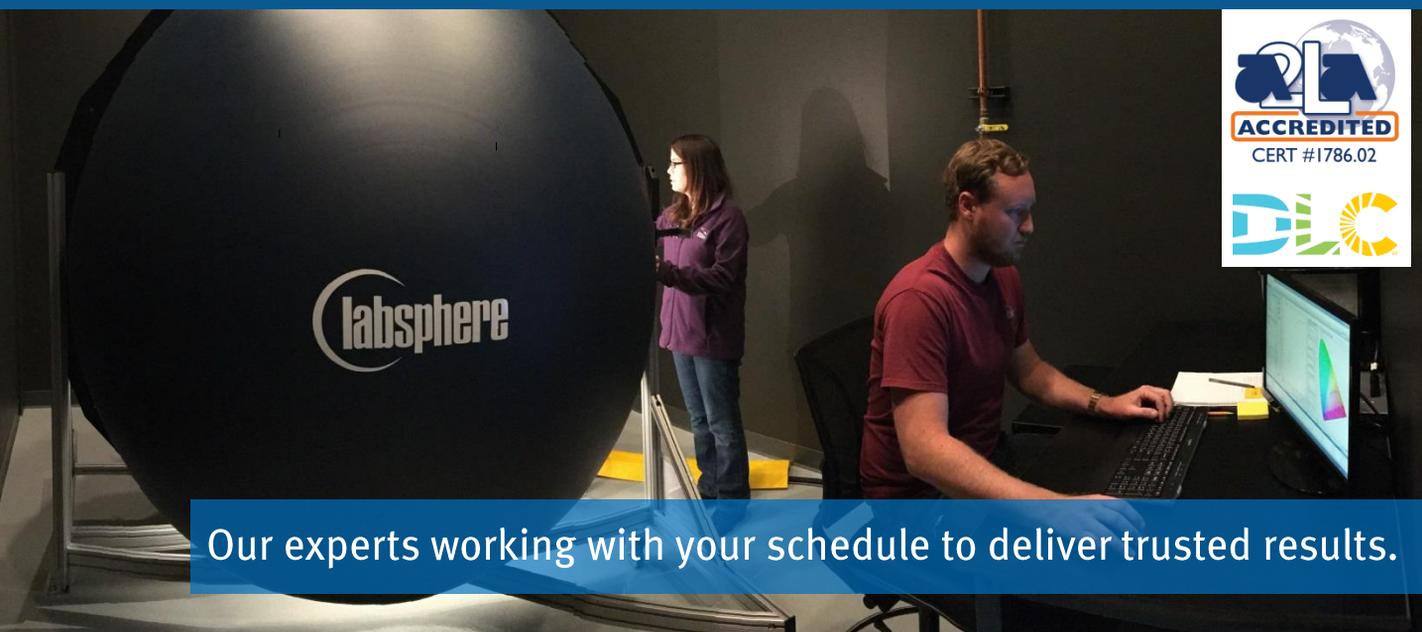




Photometric Testing



Our experts working with your schedule to deliver trusted results.

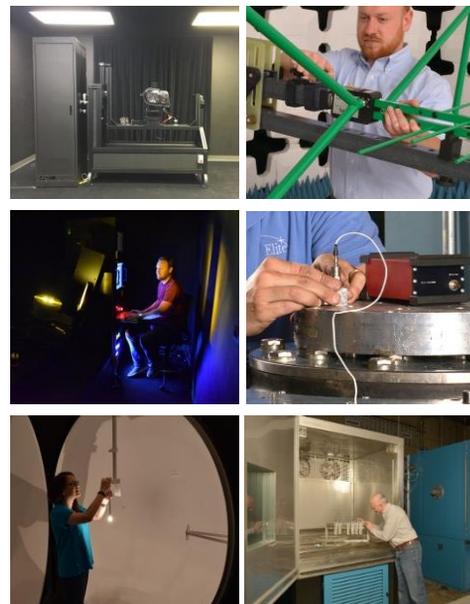
For over 60 years, Elite has been the recognized leader in EMC/EMI, Environmental Stress, and Photometric testing. Our services cover a wide range of applications and industries including automotive, aerospace, military, heavy machinery, commercial/industrial electronics, lighting, and wireless devices. Contact Elite today and see why manufacturers large and small from all industries rely on our engineers to get the job done right—the first time, and every time.

The Elite Testing Advantage

Scheduling	Technical Expertise	Best Value
		

Why is Elite the Right Choice?

- Expertise** | Knowledgeable and experienced staff
- Industry Leader** | EMC testing since 1954
- Trust** | Rely on Elite to get the job done right, and on time
- Scheduling** | Large lab configured for responsive scheduling
- Complete Services** | EMC, Environmental, Photometric, Cert
- Convenience** | One-stop for all product testing & certification
- Accredited** | ISO 17025 Testing & ISO 17065 Certification
- Credentials** | iNARTE Certified Engineers & iNARTE Test Lab



Comprehensive Capabilities In One Location



Photometric & Color Testing

- Total Luminous Flux (lumens)
- Steady, Effective and Peak Luminous Intensity (candela)
- Flash Energy (candela-seconds)
- Optical Power (candela-seconds/minute)
- Luminance (candela/square meter)
- LED Stabilization (LM-79, SAE J1889)

Colorimetry

- CIE Chromaticity Coordinates
- Correlated Color Temperature (CCT)
- Color Rendering Index (CRI)
- IES TM-30 Color Calculations

Electrical

- Luminous Efficacy (lumens/watt)
- Voltage, Current
- Power, Power Factor

Spectral

- Spectral Distribution (watts/nm)
- Spectral Intensity (watts/sr-nm)
- Peak & Dominant Wavelengths (nm)

Advanced Measurement Systems

Type A Goniophotometer

- 64 ft (19.5 m) Test Distance
- Simulate Type C for Accurate IES Files
- Steady & Flashing Sources
- Spectrometer for Color Data

2-meter Integrating Sphere

- 4pi and 2pi Geometry
- High-Precision Spectroradiometer
- DesignLights Consortium (DLC) Approved

ISO 17025 Accredited Test Results

Automotive Exterior Lighting

- FMVSS 108, SAE J575, J2139, J1889, J578, J583, J1383, GMW 14906

Flashing & Warning Devices

- SAE J595, J845, NFPA 1901, GSA/KKK-A-1822F

Aerospace & Airport Lighting

- FAA AC 150/5345 Series, EB-67D, ICAO Annex 14, Canada TP312, SAE AS8037, AS25050

LED Lamps & Luminaires

- IES LM-79, TM-30, CIE 15, IES Files

How can we help you succeed?

Contact us today to start your next project.

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