

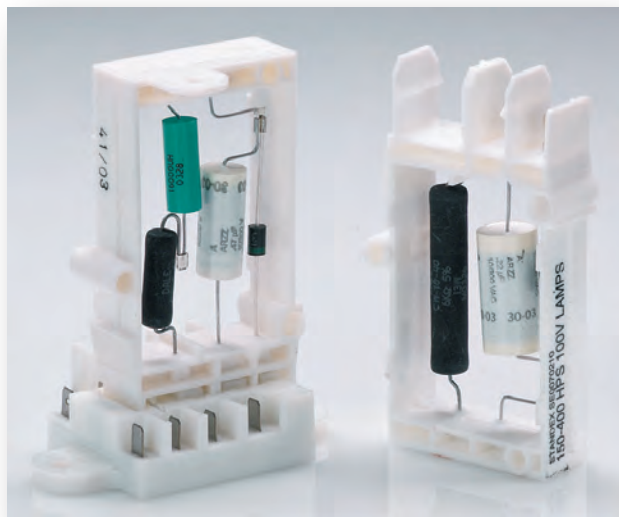
Lighting Market Applications

Custom Transformers and Electronic Assemblies



Custom transformers and electronic assemblies from Standex have been lighting the way for decades – literally. Our solid state ignitors initiate the “turn on” sequence to light bulbs to illuminate roadways, outdoor sporting events, and facilities with high bay lighting. Our design engineers collaborate on circuit and product designs to provide value-added features, like the first ever snap-in design which eliminates hard wiring and speeds future service calls.

In addition to well conceived designs and robust products, all of our components undergo rigorous lifecycle testing under severe conditions. Every Standex facility is ISO9000 certified, further proof of our commitment to your success.



Custom Standex assemblies for lighting applications:

- Light starter for street lighting
- Terminal blocks to mate with light starters for street lighting
- Street light starter adapter allows Standex light starters to be used with alternate lighting applications
- Bar chokes for dimmers
- High frequency transformers and bobbin wound transformers for lighting applications
- Torroidal transformers for theatrical lighting applications
- High frequency surface mount transformers for Automotive dashboard lighting
- Transformers for dental lighting
- Transformers for residential designer lighting

Design capabilities:

- Connector & Terminal Engineering
- Mechanical Engineering & Electronic Component Packing
- 3-D Solid Modeling Design
- Experienced in UL, CSA, IEC, TUV & VDE Standards
- Laser welding
- Rapid prototyping
- Wire Prep and Wire Harness Assembly
- Plastic Molding Capabilities
- Hi-volume, Progressive Die Stamping
- Glass to Metal Sealing
- Magnetic component engineering
- 52ga - 8ga & Foil Magnetic Component Winding
- Wind and Assemble all core shapes and types including Laminated
- Sensor & Reed Switch Engineering
- Power Supply & Other Systems Engineering

Lighting Market Product Guide

Laboratory test capabilities for lighting applications:

- Thermal Shock Testing (-70°C to 200°C, LN2 boost assures less than a 5 minute air-temperature recovery time).
- Thermal Cycle Testing (-68°C to 177°C)
- Humidity Testing (-18°C to 93°C, 98% RH, cycle temp or steady state).
- Vibration Testing (Sine or Random profile, 1" pk-pk displacement, 0 to 80 g pk, 5 to 2000 HZ)
- Mechanical Shock Drop Testing (½ sine 50g 11ms, ½ sine 1500g .5ms, or sawtooth 100g 6ms)
- Hi Temp Testing (Up to 260°C)
- Salt Fog Testing
- Solderability Testing

The Oakville lab facility is approved as a Witness Testing Location by the following agencies:

- Canadian Standards Association (CSA)
- Underwriters Laboratories
- Intertek Testing Services (ETL)
- TÜV Rheinland®



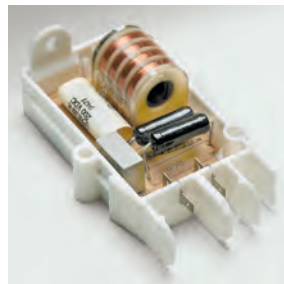
Street Light Starter With Terminal Block



Street Light Starter Adapter



60 Hz Toroidal Power Transformer for Theatrical Lighting and Other Applications



Street Light Ignitor



Terminal Block to Mate with Street Light Starter



Light Starter for Street Light Applications



High-Frequency Toroidal and Bobbin Wound Magnetic Components for Lighting and Other Applications

