NONMETALLIC LIGHT FIXTURES

- LED Light Fixture
- Incandescent Light Fixture
- Compact Fluorescent Light Fixture

www.ipexna.com
Whether you’re looking for economical outdoor lighting solutions, corrosion-resistant fixtures for punishing industrial environments or energy-saving LED, Sceptalight fixtures from IPEX prove themselves to be all-round performers in a variety of indoor and outdoor applications. Sceptalight fixtures are made from a glass-reinforced thermoplastic polyester resin, which enables them to stand up better to corrosive elements than metal. This thermoplastic design marries an unrivaled balance of strength, stiffness and toughness with all the benefits users appreciate of Scepter Rigid PVC Conduit and Fittings – long life, easy servicing and high impact-resistance.

Sceptalight’s thermoplastic construction offers outstanding corrosion and chemical resistance. Silicone gaskets in Sceptalight fixtures – mounted at the base of the globe and within the ceiling box – provide a water- and vapour-tight seal which protects the electrical connections inside.

Wherever you need a lighting fixture that can withstand exposure to chemicals, fluids or harsh physical conditions, you’ll find a home for Sceptalight.

**TYPICAL APPLICATIONS**

- Agriculture
- Industrial/Commercial
- Mine Tunnel
- Greenhouse
- Waste Water
- Marine
## WET LOCATIONS

C22.2 No. 250
CSA Listed to UL 1598
Minimum 60°C supply conductors

CSA certified for wet locations, Sceptalight fixtures are built to withstand any environment where liquids drip, splash or flow against electrical equipment. And our polycarbonate globes are an excellent alternative to glass in punishing environments where high impact resistance is important. Sceptalight fixtures can operate in extreme temperatures and are resistant to damaging ultraviolet rays. For years, our fixtures have been proven performers on docks, wharfs, decks, walkways, shipyards and a variety of other applications where exposed to the elements.

### LIGHT OPTIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>LED</td>
<td>✔</td>
</tr>
<tr>
<td>Incandescent</td>
<td>✔</td>
</tr>
<tr>
<td>Compact Fluorescent</td>
<td>✔</td>
</tr>
</tbody>
</table>

## HAZARDOUS LOCATIONS

CSA Listed to UL 844
CLASS I, DIV 2 Groups A, B, C & D
CLASS II, DIV 2 Groups F & G
Minimum 90°C supply conductors

Sceptalight offers fixtures that are CSA certified for hazardous locations, making them the ideal choice for specific harsh industrial environments involving flammable or explosive gases, vapors or dust. Sceptalight fixtures are equipped with brass screws and inserts to ensure performance in punishing industrial conditions.

### LIGHT OPTIONS

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<thead>
<tr>
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<tbody>
<tr>
<td>LED</td>
<td>✔</td>
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## SUGGESTED SPECIFICATION

Light fixtures shall be nonmetallic and constructed of 30% glass filled polyester material exhibiting a maximum linear expansion of 1.4x105 in./in./°F. Fixtures shall be assembled with high temperature silicone gaskets, brass inserts and screws.

Incandescent light fixtures shall be rated for use with a Maximum 150 Watt incandescent lamp. Compact fluorescent light fixtures shall be of the wattage specified and be supplied complete with lamp and ballast (high power factor, low harmonic electronic for 18 & 26 Watt fixtures.

LED light fixtures shall be third-party certified to CSA 22.2 250.0 and UL 1598C. LED light fixtures will also be NEMA 4X and IP66 rated for wash-down and corrosive environments. LED light fixtures for hazardous use locations shall be third-party certified to UL 844 for Class I Div 2 and Class II Div 2 hazardous location use.

LED Retrofit Light Engines shall be certified to CSA 22.2 no 250.1 and UL 1598C.

Approved products: Sceptalight LVPE and LVPL series light fixtures manufactured by IPEX Electrical Inc.
Introducing three new Sceptalight LED products: the LED Retrofit Light Engine, the Heavy-Duty LED Light Fixture and the Utility LED Light Fixture. Sceptalight LEDs offer significant energy savings, up to 85% compared to incandescent, and up to 34% compared to fluorescents. Moreover, Sceptalight LEDs can last beyond 50,000 hours without a single need for maintenance.

Constructed of very strong and durable materials, the polycarbonate globe is impact resistant and is resistant to UV light degradation. The specially designed aluminum heat sink dissipates the heat generated by the LEDs to the exterior environment ensuring long-life and optimal performance in both hot and cold environments. Sceptalight LEDs have been tested and certified for use in indoor, outdoor, wet location, wash down and corrosive and hazardous* environments. They are certified to the latest LED light fixture standards and NEMA 4X approved.

*SVPF-LED-HAZ only
TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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<tbody>
<tr>
<td>LUMEN OUTPUT</td>
<td>1575 LM</td>
</tr>
<tr>
<td>INPUT VOLTAGE</td>
<td>120 VAC</td>
</tr>
<tr>
<td>FREQUENCY</td>
<td>60 HZ</td>
</tr>
<tr>
<td>NOMINAL POWER</td>
<td>15 W</td>
</tr>
<tr>
<td>COLOR TEMPERATURE</td>
<td>5000 K</td>
</tr>
<tr>
<td>CRI</td>
<td>&gt; 80</td>
</tr>
<tr>
<td>POWER FACTOR</td>
<td>0.98</td>
</tr>
<tr>
<td>TOTAL HARMONIC DISTORTION</td>
<td>10.5%</td>
</tr>
<tr>
<td>OPERATING TEMPERATURE</td>
<td>-40°C TO 40°C</td>
</tr>
<tr>
<td>DIMMABILITY RANGE</td>
<td>DOWN TO 5%</td>
</tr>
<tr>
<td>RATED LIFE</td>
<td>&gt; 50,000 HOURS</td>
</tr>
<tr>
<td>WARRANTY</td>
<td>5 YEARS</td>
</tr>
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</table>

STANDARDS

PRODUCT
- LLED-15 (light engine only)
- LVPE-LED
- LVPF-LED-HAZ

APPROVED USE
- WET LOCATION
- HAZARDOUS LOCATION
  - Class I, Div 2 Groups A, B, C & D and Class II, Div 2 Groups F & G

STANDARDS
- CSA C22.2 250, UL 1598C
- CSA C22.2 250, UL 1598C
- CSA C22.2 250, UL 1598C, UL 844

PHOTOMETRIC DATA

15W 120V Frosted LED

CORROSION RESISTANT
Heat sink is coated with a durable e-coat layer that prevents corrosion.

NEMA 4X AND IP66 RATED
Approved for wet locations, wash down and corrosive environments.

HEAT DISSIPATION
Specially designed heat sink ensures long life and optimum performance for over 50,000 hours.

ENERGY EFFICIENT
1,575 lumens of light output is produced with only 15 Watts of electricity.

DIMMABLE
Lights are dimmable down to 5% for maximum control of the lighting environment.

POLYCARBONATE GLOBE
Impact and weather resistant for tough environments.

Sceptalight Compact Fluorescent fixtures provide lower energy and maintenance costs without sacrificing light levels. The UV resistant material makes them suitable for both indoor and outdoor use.

Sceptalight Compact Fluorescent fixtures combine the outstanding corrosion and chemical resistance of their thermoplastic design with the energy-saving advantages of compact fluorescents. Working four to five times more efficiently per watt than incandescents, Sceptalight compact fluorescents provide 10-20 times the lamp life. Without sacrificing light levels, they use 75% less energy than incandescents for a lower total energy and maintenance cost. They are available in twin tube and quad tube configurations and include ballast.

Quad Tubes
- Available in 18 & 26 Watt
- Electronic Ballast provides “Instant Start” at temps as low as -25°C
- Offers 10,000 hours of lamp life
STABLE CONSTRUCTION
Reinforced support feet offer secure mounting.

ADAPTABLE
Threaded conduit hubs permit connection to nonmetallic and metallic raceways.

WATERTIGHT SEAL
Temperature and weather-resistant gaskets protect fixture from moisture penetration.

LONG LIFE
Sceptalight nonmetallic fixtures provide long life and easy servicing—unlike metal fixtures and guards that can corrode and seize together.

INDOOR/OUTDOOR USE
UV-resistant material makes Sceptalight fixtures suitable for both indoor and outdoor use.

CORROSION RESISTANT
Thermoplastic construction resists attack from acids, alcohols, alkalis, organic solvents, detergents/cleaners, greases and oils as well as many other types of chemicals. Withstands exposure to direct sunlight, heat, and extreme weather.

DURABLE, IMPACT RESISTANCE
High-impact nonmetallic guard resists physical impact, chemical attack and heat-induced deformation.

PHOTOMETRIC DATA

| 26W Quad Compact Fluorescent | 18W Quad Compact Fluorescent |
Sceptalight Incandescent fixtures are your cost effective solution for a variety of indoor and outdoor applications while still providing superior corrosion and chemical resistance.

Sceptalight incandescent fixtures make the most practical choice to meet the daily needs of commercial, industrial, marine and agricultural applications. Our incandescents will take up to a 150 watt incandescent bulb and are ideal for short burn times as well as flashing and dimming applications.

For light to medium duty applications that do not require the same level of ruggedness, Sceptalight has a low-cost ceiling-mounted Utility Light Fixture available in standard, clear polycarbonate and colored heat-resistant globes.
**INSTALLATION FLEXIBILITY**
Fixtures can be mounted in ceilings, or walls to accommodate installation requirements.

**INDOOR/OUTDOOR USE**
Temperature and weather-resistant gaskets protect fixture from moisture penetration.

**COST EFFECTIVE SOLUTION**
Inexpensive to install, the fixture takes up to a 150 watt incandescent bulb.

**ADAPTABLE LIGHTING ENVIRONMENTS**
Ideal for short burn times, flashing & dimming applications.

**COLORED GLOBES**
Available in a range of colored heat-resistant globes to transform the light into an indicator or warning light.

**CORROSION RESISTANT**
Thermoplastic construction withstands exposure to direct sunlight, heat & extreme weather.

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**PHOTOMETRIC DATA**

<table>
<thead>
<tr>
<th>Power</th>
<th>Voltage</th>
<th>Type</th>
<th>Description</th>
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<tbody>
<tr>
<td>100W</td>
<td>120V</td>
<td>Coated A19 Incandescent</td>
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<tr>
<td>150W</td>
<td>120V</td>
<td>Coated A21 Incandescent</td>
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</table>
### HAZARDOUS LOCATIONS

Ceiling Mount with Frosted Polycarbonate Globe

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Product Code</th>
<th>Hub Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>15W LED Retrofit Light Engine</td>
<td>LLED-15</td>
<td>277120</td>
<td></td>
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<tr>
<td>15W LED LVPF Heavy Duty Light Fixture</td>
<td>LVPF-LED-HAZ</td>
<td>277121</td>
<td>4 x 3/4&quot;</td>
</tr>
<tr>
<td>15W LED LVPE Utility Light Fixture</td>
<td>LVPE-LED</td>
<td>277122</td>
<td>2 x 1/2&quot; - 2 x 3/4&quot;</td>
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</tbody>
</table>

Ceiling Mount with Standard Clear Glass Globe

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Product Code</th>
<th>Hub Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>26W Compact Fluorescent</td>
<td>LVPL26C</td>
<td>077170</td>
<td>4 x 3/4&quot;</td>
</tr>
<tr>
<td>18W Compact Fluorescent</td>
<td>LVPL18C</td>
<td>077210</td>
<td>4 x 3/4&quot;</td>
</tr>
</tbody>
</table>

Ceiling Mount with Clear Polycarbonate Globe (no guard)

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Product Code</th>
<th>Hub Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>26W Compact Fluorescent</td>
<td>LVPL26PCC</td>
<td>077176</td>
<td>4 x 3/4&quot;</td>
</tr>
<tr>
<td>18W Compact Fluorescent</td>
<td>LVPL18PCC</td>
<td>077211</td>
<td>4 x 3/4&quot;</td>
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</table>

Wall Mount Bracket

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
<th>Product Code</th>
<th>Hub Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall Mount bracket</td>
<td>LWB150</td>
<td>077233</td>
<td></td>
</tr>
</tbody>
</table>

For wall mount fixtures select and order the appropriate style (wattage and globe) ceiling mount fixture from above and add LWB150. Sceptalight compact fluorescent light fixtures are supplied complete with lamp and ballast.

Ceiling Utility Light Fixture 150 Watt Incandescent

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<thead>
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<tbody>
<tr>
<td>w/ Standard glass globe</td>
<td>LVPE150-10/15</td>
<td>077493</td>
<td>2 x 1/2&quot; - 2 x 3/4&quot;</td>
</tr>
<tr>
<td>w/ Polycarbonate globe</td>
<td>LVPE150-PCC</td>
<td>077181</td>
<td>2 x 1/2&quot; - 2 x 3/4&quot;</td>
</tr>
<tr>
<td>w/ Standard glass globe &amp; guard Maximum 60W incandescent lamp with polycarbonate globe</td>
<td>LVPE150-10/15G</td>
<td>077402</td>
<td>2 x 1/2&quot; - 2 x 3/4&quot;</td>
</tr>
<tr>
<td>w/ Heat-resistant glass globe RED</td>
<td>LVPE150HRR</td>
<td>077599</td>
<td>2 x 1/2&quot; - 2 x 3/4&quot;</td>
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<tr>
<td>w/ Heat-resistant glass globe BLUE</td>
<td>LVPE150HRB</td>
<td>077579</td>
<td>2 x 1/2&quot; - 2 x 3/4&quot;</td>
</tr>
<tr>
<td>Clamp-on guard for LVPE</td>
<td>LVPU150</td>
<td>077558</td>
<td></td>
</tr>
</tbody>
</table>

### WET LOCATIONS

Ceiling Mount with Frosted Polycarbonate Globe

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All hazardous location fixtures are rated CLASS I, DIV 2 Groups A, B, C & D and CLASS II DIV 2 Groups F & G.
GLOBE OPTIONS
(For incandescent and fluorescent options only)

STANDARD CLEAR GLASS GLOBES
Ideal for general purpose area lighting for either indoor or outdoor use.

CLEAR POLYCARBONATE GLOBES
Impact resistant globes for added protection in case of accidental contact

COLORED HEAT-RESISTANT GLASS GLOBES
Available in red or blue – to transform the light to an indicator or warning light.
SALES AND CUSTOMER SERVICE

Customers call IPEX USA LLC.
Toll free: (800) 463-9572
www.ipexna.com

About the IPEX Group of Companies

As leading suppliers of thermoplastic piping systems, the IPEX Group of Companies provides our customers with some of the largest and most comprehensive product lines. All IPEX products are backed by more than 50 years of experience. With state-of-the-art manufacturing facilities and distribution centers across North America, we have earned a reputation for product innovation, quality, end-user focus and performance.

Markets served by IPEX group products are:

- Electrical systems
- Telecommunications and utility piping systems
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Plumbing and mechanical piping systems
- Electrofusion systems for gas and water
- Industrial, plumbing and electrical cements
- Irrigation systems
- PVC, CPVC, PP, PVDF, PE, ABS, and PEX pipe and fittings

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A policy of ongoing product improvement is maintained. This may result in modifications of features and/or specifications without notice.