

# NONMETALLIC LIGHT FIXTURES



*Sceptalight™*



ELECTRICAL SYSTEMS

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



[www.ipexna.com](http://www.ipexna.com)

# SCEPTALIGHT™:

## THE LIGHT THAT LASTS.

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 enable 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 vapor-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	
LED	✓
Incandescent	✓
Compact Fluorescent	✓



## MARINE LOCATIONS

UL Listed for Marine Locations

CSA C22.2 No. 250

UL 1598, UL 1598A

Minimum 100°C supply conductors

Sceptalight offers fixtures that meet marine location certification, UL 1598A, a supplemental approval to the wet location standard. Marine approved luminaires are rated to be used in salt water environments including conditions such as salt spray corrosion, ignition protection, UV exposure and water ingress making them the ideal choice for shipping vessels and outside marine applications. Sceptalight marine rated fixtures come with a standard clear glass globe and require a 100W incandescent bulb.

LIGHT OPTIONS	
LED	
Incandescent	✓
Compact Fluorescent	



## 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, vapours or dusts. In addition to their sturdy construction, all our fixtures rated for hazardous locations include a heat-treated globe designed to endure drastic temperature changes such as direct spray of cool water on a hot fixture. Sceptalight fixtures are equipped with brass screws and inserts to ensure performance in punishing industrial conditions.

LIGHT OPTIONS	
LED	✓
Incandescent	✓
Compact Fluorescent	✓

## SUGGESTED SPECIFICATION

Light fixtures shall be nonmetallic and constructed of 30% glass filled polyester material exhibiting a maximum linear expansion of 1.4x10<sup>-5</sup> 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 and magnetic for 7, 9 & 13 Watt fixtures).

Light fixtures shall be third-party certified to CSA C22.2 No. 9 and C22.2 No. 250 for indoor/outdoor wet location use and where the specified installation requires; Class I Div 2 and Class II Div 2 hazardous location use.

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/LVPF/LVPL/LBPE/LPMF/LPPL series light fixtures manufactured by IPEX Electrical Inc.







# SCEPTALIGHT™ LED

Sceptalight LEDs provide exceptional light quality compared to conventional light sources. Due to their wider spectral distribution, objects lit by Sceptalight LEDs are much more visible and vivid in color.

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, corrosive and hazardous\* environments. They are certified to the latest LED light fixture standards and NEMA 4X approved.

\* LVPF-LED-HAZ only



## RETROFIT OPTION

Sceptalight LEDs can easily retrofit onto existing installations for increased energy savings.

## 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.

## TECHNICAL SPECIFICATIONS

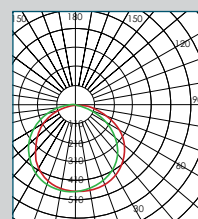
LUMEN OUTPUT .....	1575 LM	POWER FACTOR .....	0.98
INPUT VOLTAGE .....	120 VAC	TOTAL HARMONIC DISTORTION .....	10.5%
FREQUENCY .....	60 HZ	OPERATING TEMPERATURE .....	-40°C TO 40°C
NOMINAL POWER .....	15 W	DIMMABILITY RANGE .....	DOWN TO 5%
COLOUR TEMPERATURE .....	5000 K	RATED LIFE .....	> 50,000 HOURS
CRI .....	> 80	WARRANTY* .....	5 YEARS

## STANDARDS

PRODUCT	APPROVED USE	STANDARDS
LLED-15 (light engine only)	WET LOCATION	CSA C22.2 250, UL 1598C
LVPE-LED	WET LOCATION	CSA C22.2 250, UL 1598C, UL 844
LVPF-LED-HAZ	HAZARDOUS LOCATION	CSA C22.2 250, UL 1598C
	Class I, Div 2 Groups A, B, C & D and Class II, Div 2 Groups F & G	

\*LIMITED WARRANTY & LIMITATION OF LIABILITY: Consult IPEX Sceptalight™ LED Retrofit Light Engine Specific Terms and Conditions of Sale and Limited Warranty and Limitation of Liability for further details, available at [www.ipexna.com](http://www.ipexna.com)

## PHOTOMETRIC DATA

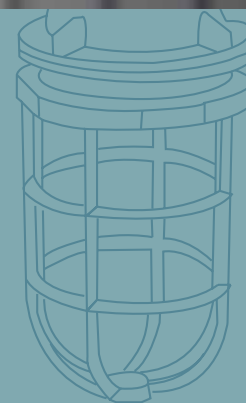


15W 120V  
Frosted LED



# SCEPTALIGHT™

## COMPACT FLUORESCENT



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.

### Twin Tubes

- Available in 7, 9 & 13 Watt
- Standard Magnetic 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.

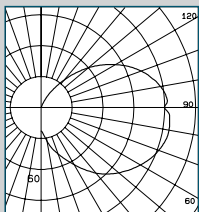
## CORROSION RESISTANT

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.

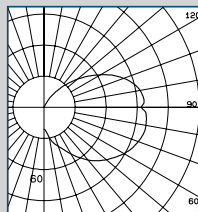
## DURABLE, IMPACT RESISTANCE

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

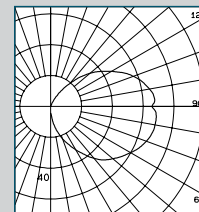
## PHOTOMETRIC DATA



26W Quad  
Compact  
Fluorescent



18W Quad  
Compact  
Fluorescent



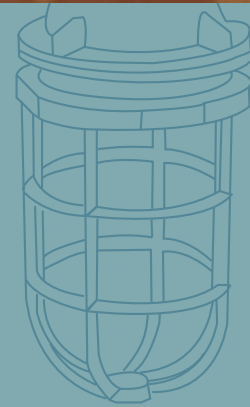
13W Twin-Tube  
Compact  
Fluorescent





# SCEPTALIGHT™

## INCANDESCENT



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 coloured heat-resistant globes.





## INSTALLATION FLEXIBILITY

Fixtures can be mounted in ceiling, wall or pendant methods 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.

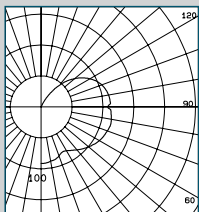
## COLOURED GLOBES

Available in a range of coloured heat-resistant globes to transform the light into an indicator or warning light.

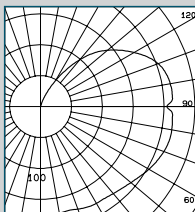
## CORROSION RESISTANT

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

## PHOTOMETRIC DATA



100W 120V  
Coated A19  
Incandescent



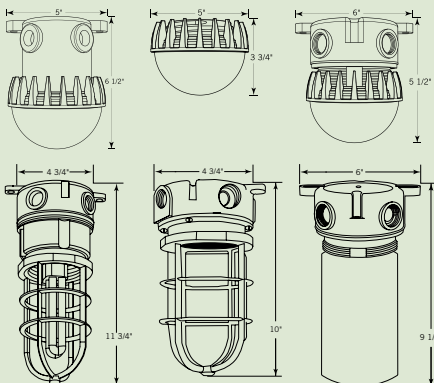
150W 120V  
Coated A21  
Incandescent

# MOUNTING OPTIONS

Sceptalight LED can be retrofit with Ceiling Mounts only.

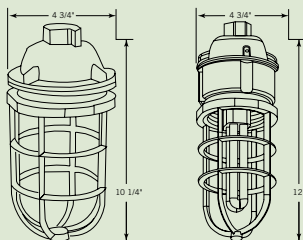
## CEILING MOUNT

Box with four 3/4" threaded hubs and integral mounting feet.



## PENDANT MOUNT

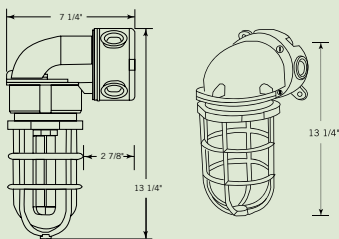
Pendant cap with 3/4" threaded hub and a locking set screw.



Pendant Mount LED available upon request.

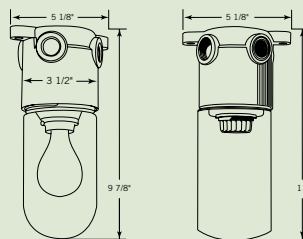
## WALL MOUNT

Box with four 3/4" threaded hubs, 90° wall bracket and integral mounting feet.



## CEILING MOUNT UTILITY FIXTURES

Box with four 3/4" threaded hubs and integral mounting feet.



# PRODUCT CATALOGUE

## WET LOCATIONS

### Ceiling Mount with Frosted Polycarbonate Globe

Description	Part Number	Product Code
15W LED Retrofit Light Engine	LLED-15	277120
15W LED LVPF Heavy Duty Light Fixture	LVPF-LED-HAZ	277121
15W LED LVPE Utility Light Fixture	LVPE-LED	277122

### Ceiling Mount with Standard Clear Glass Globe

Description	Part Number	Product Code
150W Incandescent	LVPF150C	077225
150W Incandescent Less Guard	LVPF150LG	077237
26W Compact Fluorescent	LVPL26C	077170
18W Compact Fluorescent	LVPL18C	077210
13W Compact Fluorescent	LVPL13C	077122
9W Compact Fluorescent	LVPL9C	077121
7W Compact Fluorescent	LVPL7C	077120

### Ceiling Mount with Clear Polycarbonate Globe (no guard)

26W Compact Fluorescent	LVPL26PCC	077176
18W Compact Fluorescent	LVPL18PCC	077211
13W Compact Fluorescent	LVPL13C	077165
9W Compact Fluorescent	LVPL9PCC	077155
7W Compact Fluorescent	LVPL7PCC	077145

### Pendant Mount with Standard Clear Glass Globe

Description	Part Number	Product Code
150W Incandescent	LPMF150C	077231
26W Compact Fluorescent	LPPL26C	077184
18W Compact Fluorescent	LPPL18C	077212
13W Compact Fluorescent	LPPL13C	077185
9W Compact Fluorescent	LPPL9C	077183
7W Compact Fluorescent	LPPL7C	077182

### Pendant Mount with Clear Polycarbonate Globe (no guard)

26W Compact Fluorescent	LPPL26PCC	077375
18W Compact Fluorescent	LPPL18PCC	077273
13W Compact Fluorescent	LPPL13C	077365
9W Compact Fluorescent	LPPL9PCC	077355
7W Compact Fluorescent	LPPL7PCC	077345

### Ceiling Utility Light Fixture 150 Watt Incandescent

Description	Part Number	Product Code
w/ Standard glass globe	LVPE150-10/15	077493
w/ Polycarbonate globe	LVPE150-PCC	077181
w/ Standard glass globe & guard		
Maximum 60W incandescent lamp with polycarbonate globe	LVPE150-10/15G	077402
w/ Heat resistant glass globe CLEAR	LVPE150HRC	077578
w/ Heat resistant glass globe RED	LVPE150HRR	077599
w/ Heat resistant glass globe BLUE	LVPE150HRB	077579
w/ Heat resistant glass globe GREEN	LVPE150HRG	077597
w/ Heat resistant glass globe AMBER	LVPE150HRA	077598
Clamp-on guard for LVPE	LVPUG150	077558

# HAZARDOUS LOCATIONS

## Ceiling Mount with Frosted Polycarbonate Globe

Description	Part Number	Product Code
15W LED LVPF Heavy Duty Light Fixture	LVPF-LED-HAZ	277121

## Ceiling Mount with Heat Resistant Glass Globe

Description	Part Number	Product Code
150W Incandescent Clear	LVPF150HRC-HAZ	077414
150W Incandescent Red	LVPF150HRR-HAZ	077415
150W Incandescent Blue	LVPF150HRB-HAZ	077416
150W Incandescent Green	LVPF150HRG-HAZ	077417
150W Incandescent Amber	LVPF150HRA-HAZ	077494
26W Compact Fluorescent Clear	LVPL26HRC-HAZ	077377
26W Compact Fluorescent Red	LVPL26HRR-HAZ	077378
26W Compact Fluorescent Blue	LVPL26HRB-HAZ	077379
26W Compact Fluorescent Green	LVPL26HRG-HAZ	077399
26W Compact Fluorescent Amber	LVPL26HRA-HAZ	077400
18W Compact Fluorescent Clear	LVPL18HRC-HAZ	077347
18W Compact Fluorescent Red	LVPL18HRR-HAZ	077348
18W Compact Fluorescent Blue	LVPL18HRB-HAZ	077349
18W Compact Fluorescent Green	LVPL18HRG-HAZ	077353
18W Compact Fluorescent Amber	LVPL18HRA-HAZ	077354

## Pendant Mount with Heat Resistant Glass Globe

Description	Part Number	Product Code
150W Incandescent Clear	LPMF150HRC-HAZ	077495
150W Incandescent Red	LPMF150HRR-HAZ	077496
26W Compact Fluorescent Clear	LPPL26HRC-HAZ	077407
26W Compact Fluorescent Red	LPPL26HRR-HAZ	077409
18W Compact Fluorescent Clear	LPPL18HRC-HAZ	077500
18W Compact Fluorescent Red	LPPL18HRR-HAZ	077498

## Wall Mount Bracket (for WET and Hazardous Locations)

Description	Part Number	Product Code
Wall Mount bracket	LWB150	077233

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.

All hazardous location fixtures are rated CLASS I, DIV 2 Groups A, B, C & D and CLASS II DIV 2 Groups F & G.

# MARINE LOCATIONS (NON-LED ONLY)

## Ceiling Mount with Standard Clear Glass Globe

Description	Description	Part Number
100W Incandescent	LVPF100C-MAR	077275

## Pendant Mount with Standard Clear Glass Globe

Description	Description	Part Number
100W Incandescent	LPMF100C-MAR	077276

# 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

## Coloured Heat-Resistant Glass Globes

Available in red, blue, green or amber – to transform the light to an indicator or warning light.



Clear  
Polycarbonate



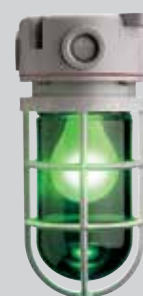
Standard  
or Heat-Treated  
Clear Glass



Heat-Treated  
Blue Glass



Heat-Treated  
Red Glass



Heat-Treated  
Green Glass



Heat-Treated  
Amber Glass

## SALES AND CUSTOMER SERVICE

U.S. Customers call IPEX USA LLC

**Toll free: (800) 463-9572**

**[www.ipexna.com](http://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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by **alixis**

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