

# Lumisave™

Industrial LED Technologies Ltd.

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



**Installation and Product Manual**

**For**

**Lumisave Industrial LED Technologies Ltd.**

**Model SL760 Series**

## Specifications

Temperature Rating: **-40°C Tamb ≤ 40°C**

AC Power: **120V to 277V**

Frequency: **60Hz.**

Current: **1.0/1.2/1.5A (Max)**

Multi-Chip Output: **11,200Lm**

Power: **100/120/150W**

Power Factor: **.95%**

Chip Efficiency: **~100Lm/**

Rated Life: **+80,000Hrs**

## Warranty

**All Lumisave Multi-Chip Products carry a 5 year Limited Warranty.**

*Note: Misuse of fixture will void Warranty, for Warranty details or Service and Support please see [www.Lumisave.com](http://www.Lumisave.com).*

## **Mailing and contact information:**

Lumisave Industrial LED Technologies Ltd.

1001 Great Street

Prince George, BC

V2N 2K8, Canada

Tel: 1.855.563.7284



## Installation

The LS-SL760 Series is easy to mount as it uses a standard mounting system with 2 internal brackets for greater strength and wind loading.

1. Open the fixture and locate the rubber gasket seal.
2. Slide the rubber gasket seal onto the standard pipe so that it looks as pictured in Fig. 1.
3. Loosen the internal bracket bolts and slide the fixture onto the standard pipe so that the seal mates with the fixture as pictured in Fig. 2.
4. Secure by tightening the stainless steel bracket bolts.
5. Wire the light as in fig. 3.

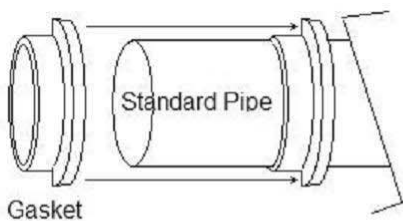


Fig. 1

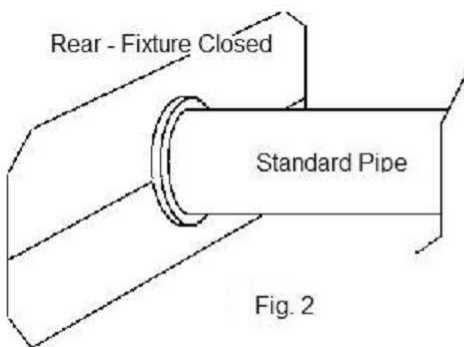
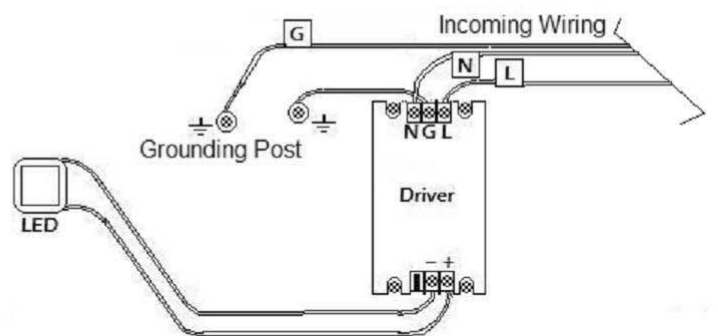


Fig. 2



**Notes:**

N = White  
G = Green  
L = Black  
+ = Red  
- = Black

**For 110 Wiring**

N (neutral) = White  
G (ground) = Green  
L (live) = Black

**For 220 Wiring\***

N = White (Leg 1)  
G = Green (ground)  
L = Black (Leg 2)

\* N-White is connected the same as Red in standard 220 Connections.

Fig. 3

## Usage & Maintenance

The LS-SL760 Series is suitable for wet locations. It is designed to accept working AC voltages of 120V to 277V at 60 Hz frequency with built in power factor correction for excellent resistance to power fluctuations.

**IMPORTANT:** The only maintenance required is to keep the cooling surface (Aluminum Fins) free of dust or dirt buildup. Failure to blow down or vacuum excessive buildup will reduce the rated life of the fixture. Please do not use high pressure water spray on the fixture as it may damage the seals.

## **Safety & Installation Instructions**

### **PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS BEFORE INSTALLING THIS FIXTURE**

1. This fixture should be installed in strict accordance with the National Electrical Code and any local requirements.
2. This fixture should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
3. Do not let power supply cords touch hot surfaces.
4. Do not use this equipment for other than intended use.
5. Installation and servicing of this fixture should be performed by qualified personnel.
6. Please note that Hi-Power LED's are very bright; please do not look directly at LED.
7. Only install the Fixture using the included bracket as this was specifically designed for this purpose.
8. Hi powered LED's do not get very hot but too much heat can reduce their rated life, so with this in mind, please ensure that adequate spacing is provided from heaters, etc and that air can freely flow around the light.
9. Ensure that the light is securely fastened to its mounting surface. Please see the Installation page for mounting instructions.

**SAVE THESE INSTRUCTIONS**