

## INSTRUCTIONS FOR INSTALLING LED WEDGE LIGHT

### A: MOUNTING TO SOLID SURFACES:

1. For clean, smooth surfaces, use double sided tape (Part # MGTP) to mount each lamp base to surface. Be sure to clean surface thoroughly prior to using double sided tape.
2. LED wedge light can be mounted to surfaces that accept nails or screws with our convenient mounting clips. If mounting to such surfaces we recommend using a plumb line to mark the desired line where wedge light will be mounted to ensure a clean straight line which will dramatically improve the appearance of your installation.
3. Measure the area between where power supply is to be mounted and where the first wedge light lamp is to be mounted making sure you have enough empty lead wire between the first lamp and class 2 power supply.
4. Attach wedge light assembly to surface by using mounting clips on either side of each lamp. Mounting clips should be used as close as possible to each side of fixture to ensure a clean looking installation.
5. Additional clips may be required to secure wire between fixtures to surface to prevent sagging if distance between lamps is greater than 2'. Be sure

not to exceed maximum number of wedge light lamps in any given run. Additional power supplies will need to be provided for lengths that exceed the maximum number of lamps.

## INSTRUCTIONS FOR CONNECTING LED WEDGE LIGHT TO POWER SUPPLY

1. Use only class 2 power supplies listed in these instructions and provided by NSL.
2. Make sure power is turned off to branch circuit.
3. Using appropriate size of driver (see driver section) connect incoming 120V power to primary side of LED Driver. Make sure your installation does not exceed maximum number of lamps allowed for the driver you are using.
4. Using wire connectors provided, connect secondary side of power supply to LED Wedge Light wire by connecting positive (+) wire from LED power supply to printed side of SPT2 Wedge Light wire and negative (-) wire from LED power supply to plain side of SPT2 Wedge Light wire. **MAKE SURE YOU ARE USING OUTDOOR RATED POWER SUPPLY FOR OUTDOOR APPLICATIONS AND FOLLOW INSTRUCTIONS INCLUDED WITH POWER SUPPLY.**

5. Turn on power to branch circuit. LED Wedge Light should light up within 2 or 3 seconds of power being turned on. If one or more lamps does not light up, check that the errant lamp is securely mounted to the SPT2 wire. If entire string does not light up, check both primary and secondary connections at power supply.
6. Enjoy your new LED Wedge Light System.



## POWER SUPPLY SELECTION

<b>Dimmable Outdoor Drivers</b>		Max # of Globes
TRE12L20DC	20 Watts	80
TRE12L60DC	60 Watts	200
<b>Non Dimmable Outdoor Drivers</b>		
LEDDR-12-60W	60 Watts	200

## SPECIFICATIONS

Electrical Rating:

Input Voltage: 12VDC

Power Consumption: .25W per lamp

Lumen Output: 15 Lumens

Viewing Angle: 360 degrees

Lamp: Wedge Base 3 Chip LED

LED Life: 50,000 hours 70% Initial lumen output

Efficacy: 60 Lumens Per Watt

Spacing: 6 inches. Custom available.

Maximum length: 150'

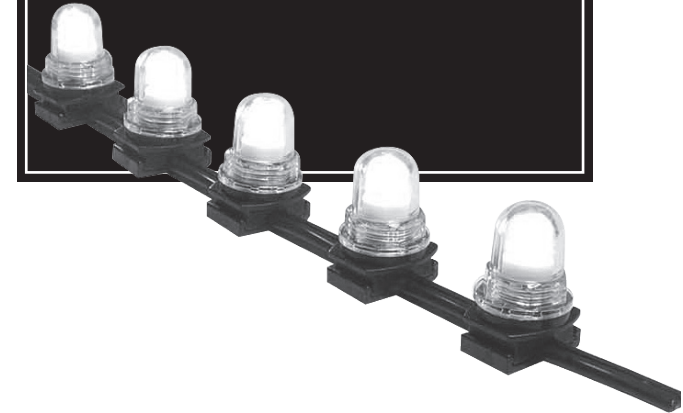
Approvals Listing: 

## CAUTIONS

1. Use only with NSL recommended class 2 power supplies. Do not exceed maximum number of globes recommended for each driver.
2. Read all instructions thoroughly before beginning assembly or installation.
3. Do not install closer than 6 inches to curtains or any other combustible material.
4. Turn off all electrical power before modifying the lighting in any way.
5. To reduce the risk of overheating and potential fire, make sure all connections are tight.
6. **NO CIRCUIT SHALL EXCEED 60 WATTS AND MUST BE POWERED BY CLASS 2 POWER SUPPLY.**
7. Use only with accessories provided in NSL Catalog and specification sheets.
8. Do not install closer than 12 feet to swimming pools
9. Do not immerse in liquids.
10. Ground Fault Circuit Interrupter (GFCI) protection should be provided on the circuit or outlet
11. Do not route the cord through walls, doors, windows or any part of a building structure.
12. Do not use if there is any damage to the cord insulation. Inspect periodically.
13. Secure the cord using only the hangers or clips provided. Do not secure the product with staples, nails or any means that may damage the insulation.

## INSTALLATION AND SAFETY INSTRUCTIONS

# LED WEDGE LIGHT



LED Wedge Light provides excellent ambient and decorative lighting for a multitude of applications including restaurants, public areas, commercial and residential buildings. Operating on class 2 LED power supplies, LED Wedge Light is a safe and energy efficient way to beautify surroundings and provide safety in terms of aesthetically pleasing ambient light.

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NATIONAL SPECIALTY LIGHTING  
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