



## Do I need Commercial LED Outdoor Christmas Lights?

Not necessarily, the most common reasons to use Commercial LED Outdoor Christmas Lights are:

- The lengths fit into the projects
- Have had problems with bad Wind or Ice with other light strings
- They want to keep the lights up year round
- They want a completely sealed system

Various other reasons are thicker wire, Commercial Building application, and City and Government agencies

- Note that the Commercial LED and the Residential Sets are the same both in size, brightness, sealed and so forth; the difference is in the end to end connection and the thickness of the wire.

Here is a picture of the Commercial Ends and how it works

Commercial Connection



## Wire Spacing and Specifications for Commercial LED Outdoor Christmas Lights:

4" Spacing has 4" ends when you connect to the next set you will have aprox. 8" between the sets - distance from the first light to the very end is 7"

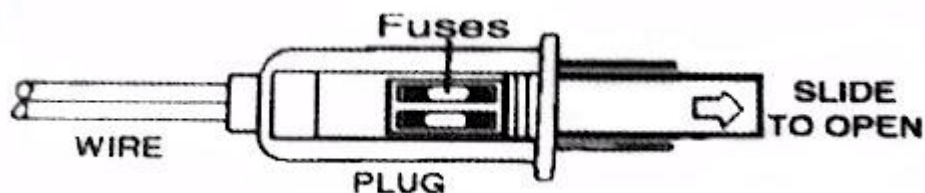
6" Spacing has 4" ends when you connect to the next set you will have aprox. 8" between the sets - distance from the first light to the very end is 7"

8" Spacing has 4" ends when you connect to the next set you will have aprox. 10" between the sets - distance from the first light to the very end is 7"

12" Spacing has 7" ends when you connect to the next set you will have aprox. 12" between the sets - distance from the first light to the very end is 8"

- 5 Amps
- 125 Volt (110V)
- 20 gauge Wire
- Coaxial Type End-to-End
- CSA, 2.4 Watts per Set (CSA rated is for Canada, testing standards are higher so we use only the CSA Rating)
- 210 Watts end to end 88 sets using one outlet (plug In)
- Water and Weather Resistant
- 3 Year Warranty, We cover the 1<sup>st</sup> Year, then Factory Warranty \* See Below for Information
- Energy Saving
- UV protected - Virtually unbreakable

## LED Christmas Lights Fuses are 5 AMP and are included with your light strings



- Unplug product from the receptacle
- Open the fuse cover by sliding away from the copper plug ends
- Remove the fuses carefully by turning plug over
- Replace fuse with fuses included (if used or discarded replace with a 5 Amp max fuse)
- Slide closed the fuse access cover on top of the plug

## Other LED Questions:

This product used to be sold for permanent installation however, when UL (Underwriter Laboratories) made a separate listing for LED they changed all LED's to seasonal use which is 90 days use

Can I install these by hard wire: Please talk to your electrician about the possibilities of this working for you Also, note that if the wire is cut then the warranty will no longer apply

How long is the warranty - 3 Year Warranty, We cover the 1<sup>st</sup> Year then Factory Warranty after

Can I use a regular extension cord with this product: Yes you can however if your keeping the sets completely sealed then the spacer cords should be used to the end of the plug then plug into a dry protected area

## LED Safety Instructions:

- 1) Read and Follow all safety instructions
- 2) Do not use seasonal products outdoor without a GFCI Ground Fault Circuit Interrupter
- 3) This seasonal product is not intended for permanent use or installation
- 4) Do not mount or place near gas or electric heaters, fireplaces, candles or other similar sources of heat. (LED's are cool to the touch)
- 5) Do not secure the wiring of this product with staples or nails, or place on sharp hooks or nails
- 6) This product is not intended for Children to use
- 7) Do not close doors or windows on the product
- 8) This product contains overload protection (fuse). A blown fuse indicates an overload or short circuit situation. See your electrician
- 9) Read and Follow all the instructions that are on the product provided

## Other Commercial Parts

Spacer/Extensions are great for running between projects, trees or to end plug. They come in 12', 20' and 50'



Think of it as the same you would using an extension cord, these are made for the Commercial product line to keep the whole system sealed from the weather.

Adaptors are great for running Strings in different directions



There are two types of end cords here is pictures of the two types – We carry both and make sure that your order has the right end cord.



**\*\*All defective sets must be returned for inspection [1<sup>st</sup> Year Ship to:](#)**

Forever LED

1635 W 4<sup>th</sup> St

Marion IN 46952

**After [1<sup>st</sup> Year Ship to:](#) [909-248-2780](tel:909-248-2780)**

Holiday Creations

4570 Eucalyptus Ave Unit C

Chino CA 91710

Once the light is determined to be defective a replacement set or a refund will be issued. All Shipping is the responsibility of the purchaser.