

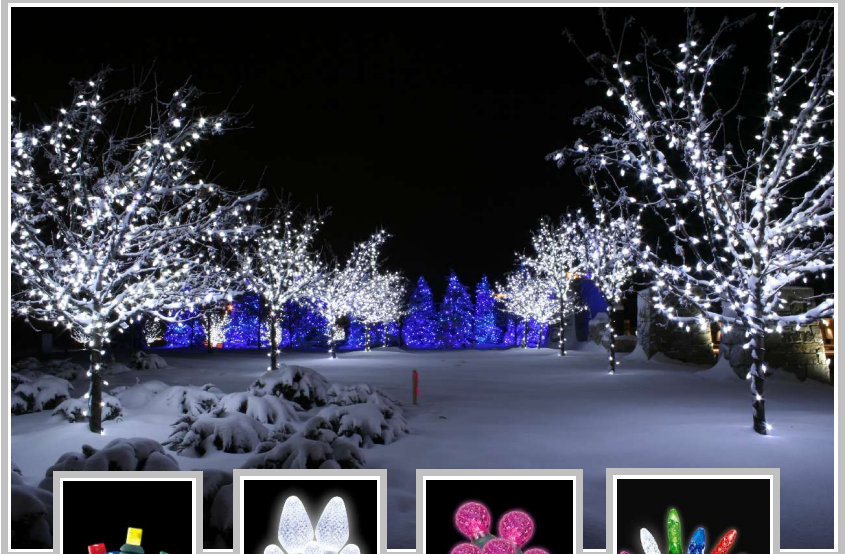
# LED Holiday Light Strings

## Commercial Grade System

### LED Light Strings for Commercial and Residential Use

LED Holiday Lighting has eliminated the problems that have plagued decorative light strings since their invention. A few of the main problems have been large power requirements, short bulb life, and if one bulb goes out the entire string goes out. Well Not anymore!

Diogen Lighting's line of commercial LED light strings are designed for the professional installer. The LED and the husk are molded together to form a water-tight seal so no moisture can penetrate the lens. Diogen light strings are brilliant, cool to the touch and durable up to 200,000 hours. Constructed on a 20-gauge wire with a coaxial connection and a threaded coupling cap that reinforces the end-to-end bond and provides a water-tight seal between strings. The commercial light strings are fully rectified so there is no flicker effect and to insure a continuous brightness from the first string to the last.



The best feature of the commercial grade line is that you can connect up to 125 strings end to end, providing the maximum distance of lights without a mess of cables in every direction. Additionally, a large selection of accessories are available for the system to help you with even the most complicated lighting designs. Each part is built with the same coaxial connections and water-tight seals for a complete system.

- Connect up to 125 End to End (5Amp / 120VAC)
- 20 Gauge Commercial Wire
- Threaded Coupling to Reinforce End to End Connection
- Operating Voltage 120VAC / 60Hz
- 2.4 Watts per String (25 Light String)
- Operating Temp -20C to +85C
- Patented One-Piece Construction
- Molded Husk and Lens
- Nearly Unbreakable
- Large Selection of Colors and Lens Styles
- CSA Approved
- Approved for Indoor and Outdoor Use



Standard Colors	Pure White, Warm White, Red, Green, Sapphire Blue, Gold, Orange
Standard Lens Styles	5mm Conical, C6, C7, C9, M5 Mini, G12, G25
Standard Wire Color	Dark Green
Twinkle	Available upon request
Custom Orders	Custom Orders are Welcome

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**Blazen Illuminations**  
LED Lighting Specialists

## Specifications:

### Commercial Grade LED light Strings

- 25 Lights per string
- 2.4 Watts per String
- Indoor and Outdoor Use
- Standard Spacings
  - 5mmConical – 4” or 6”
  - M5 mini - 4” or 6”
  - C6 – 4” or 6”
  - C7 – 8” or 12”
  - C9 – 8” or 12”
  - G12 – 4” or 6”
  - G25 – 8” or 12”
- Coaxial Threaded Connectors
- Water-Tight Sealed Connectors
- High Grade, Super-bright LED Chips



### Commercial Power Adapters (Required to connect to standard Edison 2 prong outlet)

- Input Voltage: 100 - 120 VAC / 50 - 60 Hz
- Max. Load: 420 Watts
- Output Voltage: 170VP
- Max. Strings: 125 Light Strings



### Commercial Grade Accessories

- 8 Way Star Hub
- 90° Drop Elbow
- “Y”
- “X”
- “T”
- Icicle / Waterfall Curtain Stringer



### Ecology - Reuse the strings for years of use

We encourage reusing the strings, they use a high brightness 5mm LED rated for 50,000+ hours of life. An average display is up for 60 days and burns for an average of 14 hour per day with a total of 840 hour per year. Reusing the strings will keep our landfills free of wire and plastics; Incandescent light strings account for a large amount of holiday waste each year.

### Efficiency - 25 light strings

All of our commercial light strings come in 25 light count. We believe in making the installation and removal of holiday lighting simple and quick, less lights per string means it is simple to handle. Less fatigue on your installers hands. Simple to replace a string in the event of failure or damage. Replace smaller sections of you display with out taking it completely apart.

### Economy - Reduce your holiday power consumption by up to 98%

While LED light strings do cost more they significantly reduce your power consumption. With over 98% less energy used; when compared to 5 watt C7 bulbs. The average cost of our strings is between \$8 and \$16 and an expected lifespan of 8 to 10 years, with the reduction of power costs they will quickly pay for themselves.

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