Manuals+ — User Manuals Simplified.

TRONIX 055-510 Rope Light Unrolling Tool Instructions

Contents

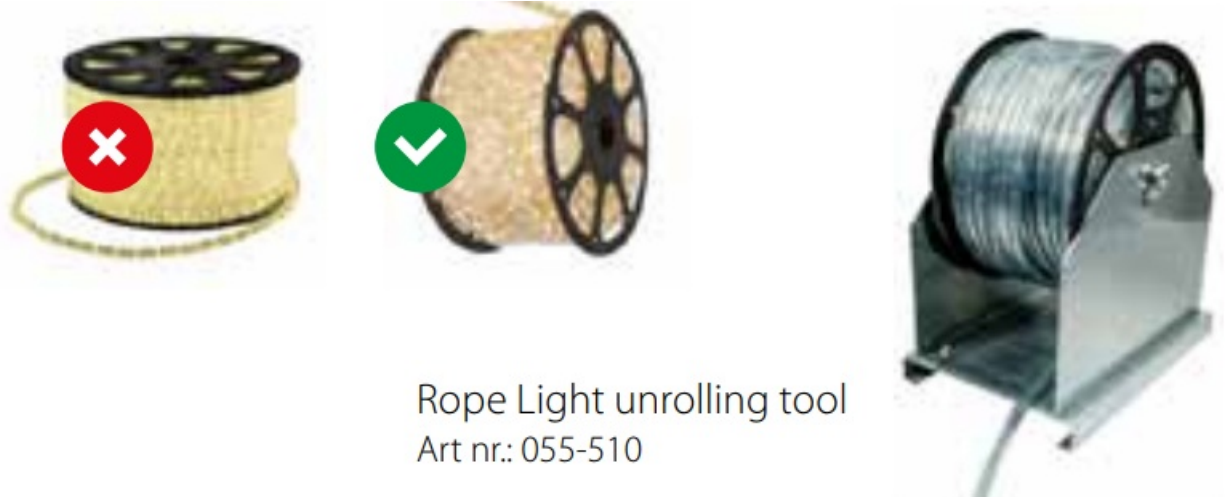**TRONIX 055-510 Rope Light Unrolling Too**

HOW TO USE ROPE LIGHT

Tronix Rope Light 230V is delivered with a Europlug and 24V/12V comes with stripped wire suitable for DC power supply. Tronix Rope Light comes with a fixed end cap.

Unrolling

To protect and avoid damage to the wire it is very important to unroll the rope light from the reel in the right way. Please make sure to position the reel in such a way that the rope light can be rolled off in a straight line instead of having to make circles. This prevents loops or swaying which could damage the internal wiring.

Rope Light unrolling tool
Art nr.: 055-510

Preheat before use

Sometimes it is necessary to preheat the rope light for easy installation and best results.In case of a low product or outside temperature we advise preheating the rope light to ease installation and safeguard product quality.In case you want to make several bends/curves for your lighting project it is very important to preheat the rope for best results.

- **Cutting Rope Light**
    - First make absolutely sure that the main voltage is not connected!
    - Measure the desired length and cut at the nearest cutting mark – picture 1.
    - Use a pair of sharp cutting pliers and make sure the edge is smooth and at the right angles – picture 2.
    - After cutting, remove any excess copper wire. There is no difference in how to cut LED rope light. The distance between the cut marks vary, depending on the rope light.
    - To achieve maximum chasing effects, 3, 4 and 5 wire rope light need to be connected to a controller.
        - Cut rope light only at marks
        - Cut rope light neatly

- **Connecting Rope Light**
  - Remember that the two pieces of rope light you want to connect, must be the same in voltage and wire count (2-wire, 3-wire etc.)
  - When connecting LED Rope Light 230V/24V/12V to a transformer, always use a power cable with a converter, otherwise the LED's will start to flicker. For low voltage it is best to use a stabilized DC power supply; in this case you don't need a converter.
  - Bring the holes at rope light end in the same position with the prongs ("teeth") of the connector – picture 3 – then firmly press the pieces together.
  - Tronix offers many different connectors – picture 4 – each one unique for connecting rope in any requested shape or design.
  - All rope light accessories must correspond with the shape and diameter of rope light you want to use.
  - TIP: if a section of the rope light malfunctions (in time), simply remove the unlit section and place the working sections back together with a connector
    - Connecting rope light
    - Insert connector and press

- **Bending Rope Light**
  - Make sure to preheat the Rope Light a little bit to make easier curves
  - It is very important to bend Rope Light perpendicular – straight up or down – at the wires. Make absolutely sure to bend rope light in the right direction –pictures 5 & 6 – to make sure that the two internal wires make the same curve.
    - Bending wrong way
    - Bending right way

- **Applying and fixing Rope Light**

  There are many ways to apply rope light: you can use it to wrap objects like pillars or trees, or for a glamorous outline of your bar, swimming pool or fence. Or just hang it using suitable fixing points to create any dimension you like. Fixing Rope Light requires minimal experience, you just need the right accessories (see page 67). Whichever accessory you use, make sure there is proper mounting in each foot of the rope light, with additional mounting at every corner and curve. Depending on the application and specific circumstances different fixing materials are available. Use tiewraps along a steel wire or preshaped frame ; for outdoor usage take the UV-durable quality Consider the following accessories when deciding how to mount rope light. These will help you learn how to secure rope light in no time at all.

- **Power**

  After the rope light has been designed, be sure to place a power connector at one end – picture 7 – so the rope light can be plugged into an outlet. Where the run of rope light completes, simply place an end cap picture 8. Always seal the end of the (cutted) tube with an end cap. The end cap must be glued on with pvc or silicon glue Before you start:
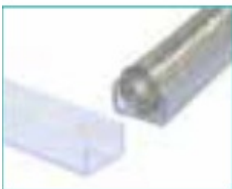
  - Rope Light Power Connector
  - Rope Light End Cap

Applying and fixing Rope Light

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- Rope Light Channel To guide the direction of the rope light. Mostly used for straight paths. Gives a professional look.
- Mounting Clip To direct the rope light even better in curvy areas or corners.
- Zip ties To secure rope lighting onto metal railings or any surface suitable for zip tie. Pull tightly and cut excess sticking out from the tie

Documents / Resources

TRONIX 055-510 Rope Light Unrolling Tool [pdf] Instructions
055-510, Rope Light Unrolling Tool, 055-510 Rope Light Unrolling Tool

References

- ⓧ **Tronix Lighting | 25 jaar ervaring | totaalaanbieder in LED verlichting**