IP20 RIBBONRAYZ®

INSTALLATION GUIDE
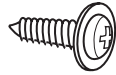
A.

Rubbing Alcohol
(for metallic surfaces)

B.

Silicone Pad
(2 screws per pad included)
Part Number: RBMNTSIL

C.

Screws

D.

RibbonRayz®
Part Number:
LT-R130-xxK-xx.x-20-A

Wattage

Color Temp

(Please reference RibbonRayz
spec sheet for more details)

This product is ETL listed to the following standards:

UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems
CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998

All models are suitable for under cabinet, closet and recessed mount.

"For under-cabinet mount" or "For under-cabinet or shelf mount" & 'Pour le sous-coffret
de montage'' ou ''Pour sous-meuble ou une étagère de montage"

"Use only with Class 2 power unit." & "Utiliser seulement avec Classe 2 unité
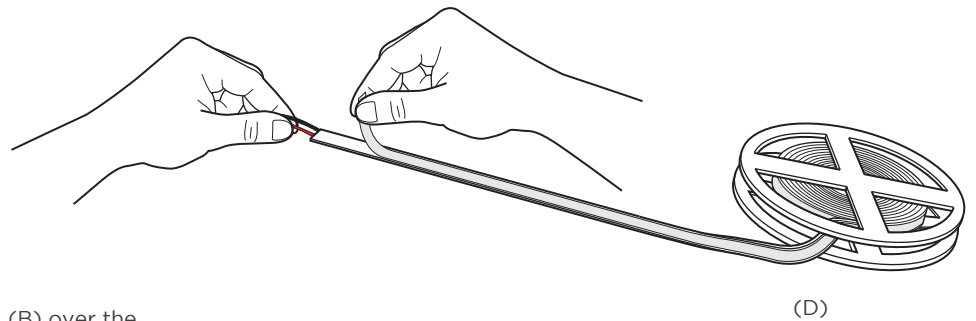d'alimentation électrique"

1. Clean the mountain surface free of dust and debris using a wet cloth. For metal mounting surfaces use rubbing alcohol (A) to wipe clean.
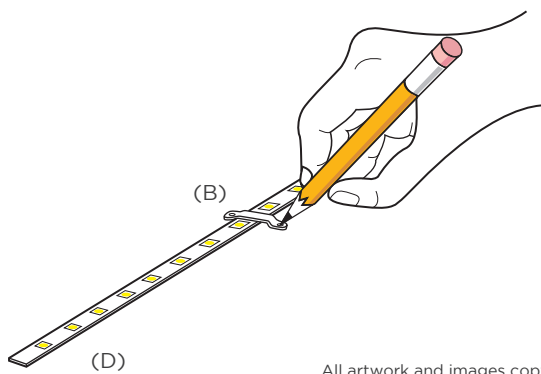
*Minimum bend radius for RibbonRayz :
IP20: 0.5" (12.8 mm)

(A)
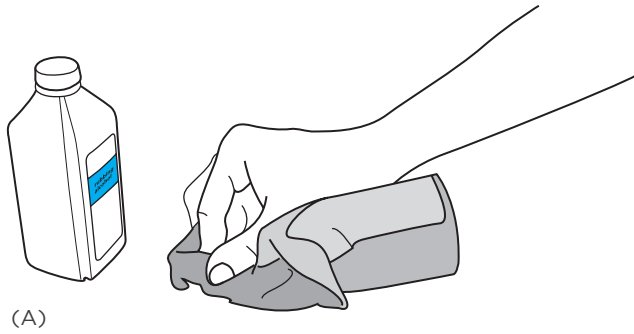
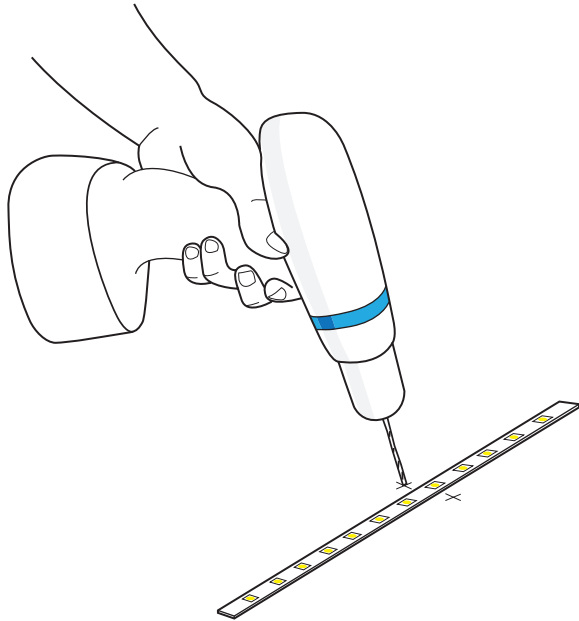2. Remove the adhesive backing on the back of the RibbonRayz (D).

(D)

3. Every 12 inches place a silicone pad (B) over the RibbonRayz (D) and use a pencil to mark where each pilot hole will be drilled. DO NOT place the pad above an LED. Place it as close to 12 inches as possible, while not touching any LEDs.
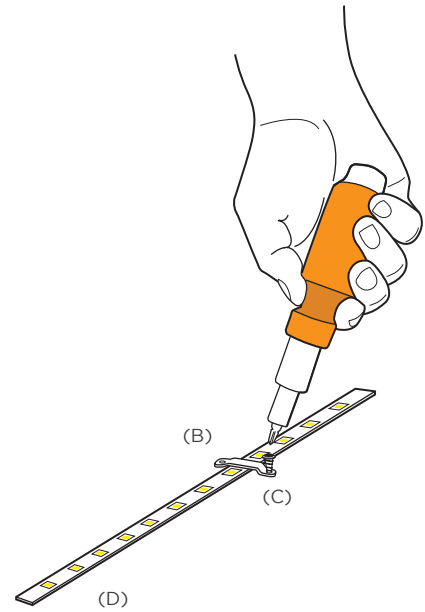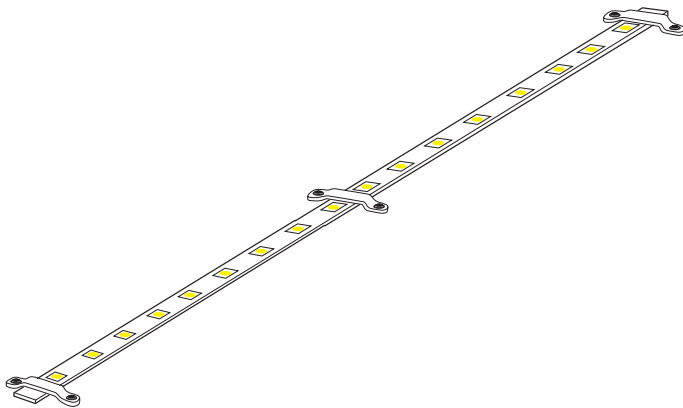
(B)

(D)

4. Drill pilot holes at the center of each mark you made.

5. Tighten the screws (C) through the silicone pads (B) until all of the pads are secure and the RibbonRayz (D) is held tightly in place.
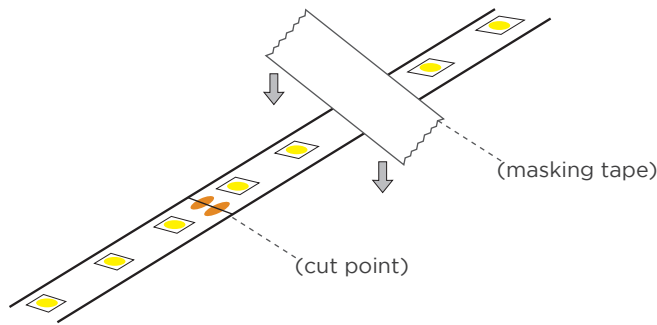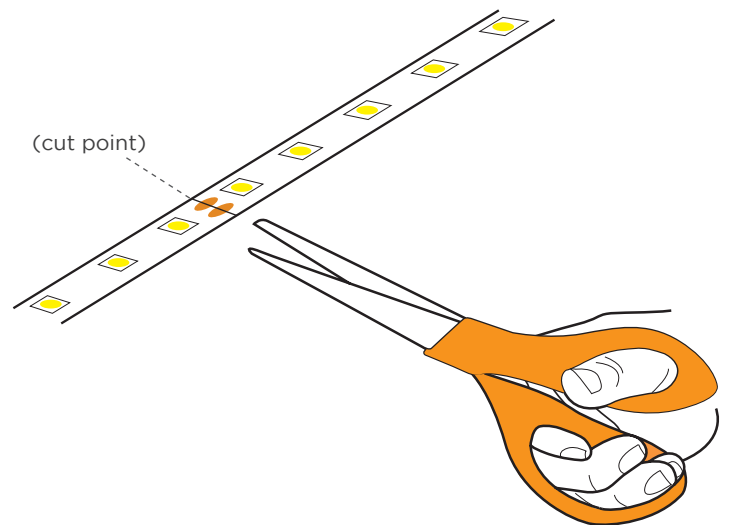
6. Your RibbonRayz installation is complete.

(B)

(C)

(D)

1. Decide the length of the RibbonRayz you need and
   find the closest cut point. Use masking tape and gently
   tape down the RibbonRayz near the cut point to prevent
   movements during soldering.

(masking tape)

(cut point)

2. Cut RibbonRayz at the desired cut point

(cut point)

3. Heat up the soldering iron till the temperature reaches 500-
   550° F. Pre-tin the copper pads by placing the soldering iron
   point onto one of the copper pads at the end of the
   RibbonRayz, and then apply solder to the copper pad. The
   max solder time per pad is 10 seconds. Repeat the same steps
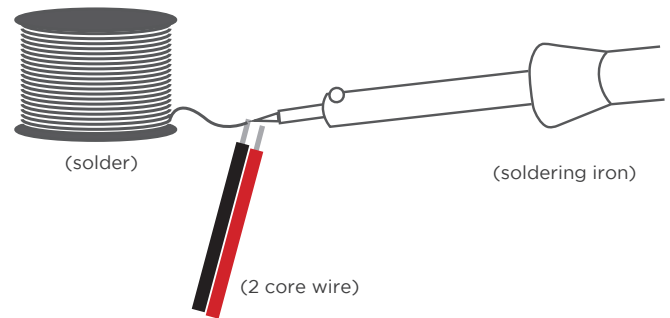   and apply solder on the other copper pad.
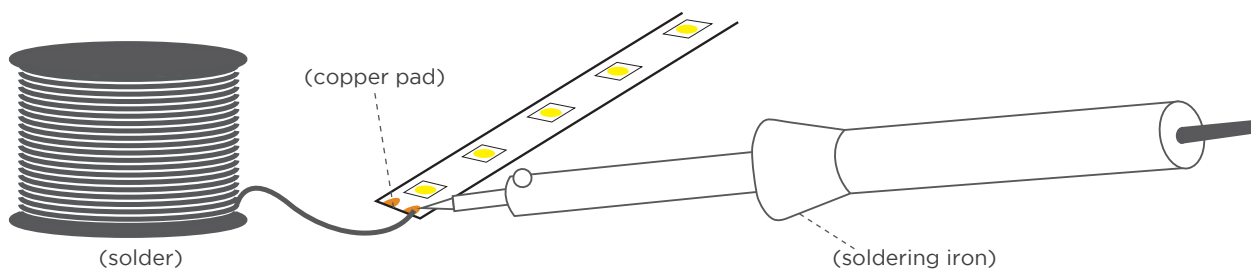
(copper pad)

(solder)

(soldering iron)

4. Strip small amount off end of the 2 core wire

(2 core wire)

(wire stripper)
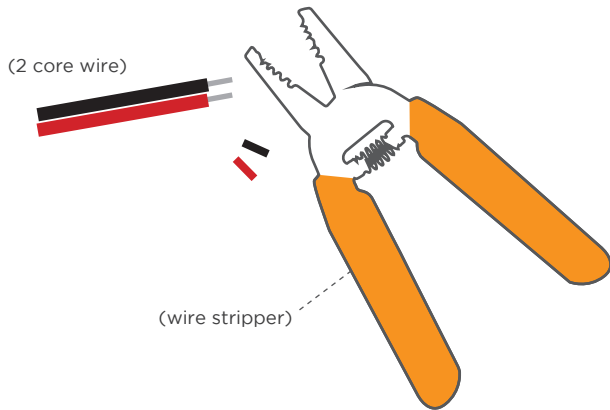
5. Pre-tin the wires by placing the soldering iron point onto the tip of one wire and applying solder on it. Repeat the same steps for the other wire.
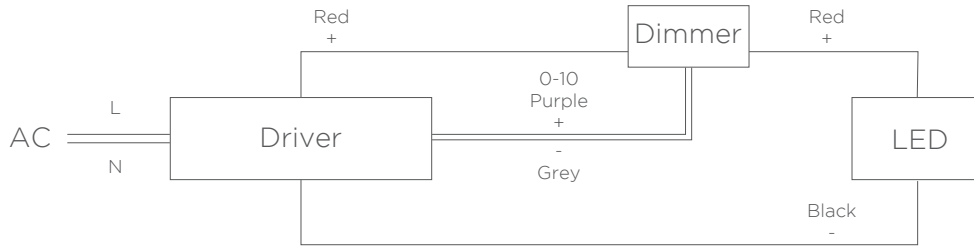
(solder)

(soldering iron)

(2 core wire)

6. Place the tip of one wire on top of the pre-tinned copper pad and then place the soldering iron point on top to attach the wire onto the copper pad. The max solder time per pad is 10 seconds. Repeat the same steps for the other wire and copper pad to complete the installation.
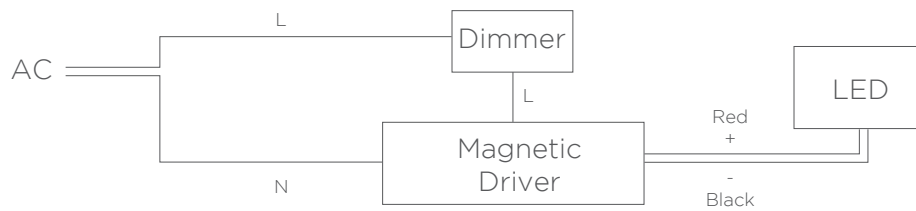
(soldering iron)

(2 core wire)

GEN LED AgiLight®
Innovative Signage Lighting

0-10V

Red
+

Dimmer

Red
+

AC ── L ── Driver ── 0-10
Purple
+

-
Grey

LED

N
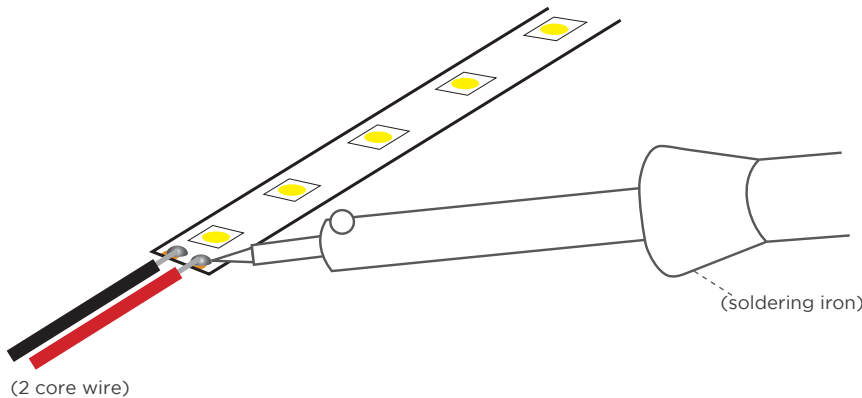
Black
-

WIRE COLORS

Red Wire (+) Positive
Black Wire (-) Negative

MAGNETIC + ELV

L

Dimmer

AC

L

LED

Red
+

Magnetic
Driver

N

-
Black

DMX

See wire colors
at the right.
+

LED

-

DMX in ── DMX
Interface/Decoder

Red
+

Driver

L ── AC

-
Black

REV.18MAR2019

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