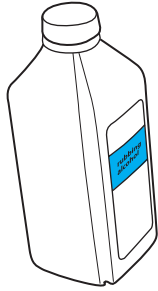




IP68 RIBBONRAYZ[®] INSTALLATION GUIDE





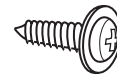
A.

Rubbing Alcohol
(for metallic surfaces)



B.

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



C.

Screws



D.

RibbonRayz

Part Number:
LT-R130-xxK-xx.x-68-A

↑ ↑
Color Temp Wattage

(Please reference RibbonRayz
spec sheet for more details)



E.

Silicone

Part Number:
AC-R130-FD-S-GLU-A



F.

End Cap

Part Number:
AC-R130-EN-D-PLG-A



INSTALLATION WITH SILICONE PADS PAGE 3-4

- PREFERRED METHOD
- BETTER LOOKING

FIELD CUTTING AND SEALING PAGE 5-6

WIRING DIAGRAMS PAGE 7

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

This product is for indoor or outdoor use and with an option suitable for use in Wet Locations.

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

RibbonRayz models -68- are rated IP68 in accordance with IEC 60598-1

“For under-cabinet mount” or “For under-cabinet or shelf mount” & “Pour le souscoffret de montage” ou “Pour sous-meuble ou une étagère de montage”

“Suitable for Wet Locations” & “Convient Aux Emplacements Mouillés”

“Driver requirements: Class 2 or Class 1 SELV depending on local requirements. ”

“The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced”

- A)** For all rope lights where the packing has not been adapted for display purposes:
- “Do not connect the rope light to the supply while it is in the packing or wound onto a reel”;
 - “Do not use the rope light when covered or recessed into a surface”;
 - minimum allowed bending radius, 0.5in or 12.7mm;
 - “Do not open or cut the rope light”.
- B)** For rope lights intended for interconnection:
- “Do not connect this rope light to another manufacturer’s product”;
 - “Interconnection shall be made only by the use of the supplied connectors. Any open ends must be sealed-off before use”;
 - See table to left for maximum ribbon length that can be interconnected.
 - maximum wattage that may be interconnected.
- C)** For class III rope lights delivered without a supply source:
- See tables on left for information about the required power source.

LS-R130-XXX-04.88-20-A					
	Power Supply	Single Ribbon Length - Meters	Single Ribbon Length - Feet	Parallel Ribbon Total Length - Feet	
UL class 2	60W	11.5	11.5	37.73	37.73
	96 W	18	18	59.06	59.06
UL class 1	180 W	27	33.75	88.58	110.7

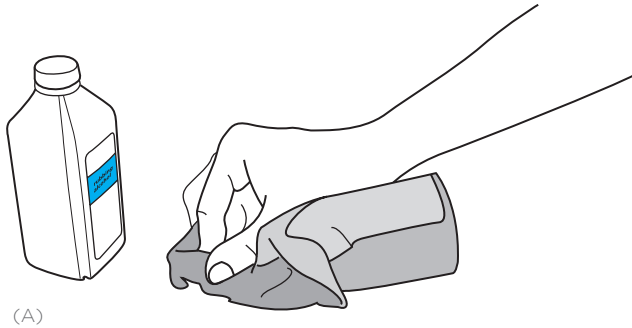
LS-R130-XXX-07.3-20-A					
	Power Supply	Single Ribbon Length - Meters	Single Ribbon Length - Feet	Parallel Ribbon Total Length - Feet	
UL class 2	60W	7.56	7.56	24.8	24.8
	96 W	11.84	11.84	38.85	38.85
UL class 1	180 W	24.78	24.78	81/3	81.3

LS-R130-XXX-10.0-20-A					
	Power Supply	Single Ribbon Length - Meters	Single Ribbon Length - Feet	Parallel Ribbon Total Length - Feet	
UL class 2	60W	5.52	5.52	18.11	18.11
	96 W	8.64	8.64	28.35	28.35
UL class 1	180 W	16.2	16.2	53.15	53.15

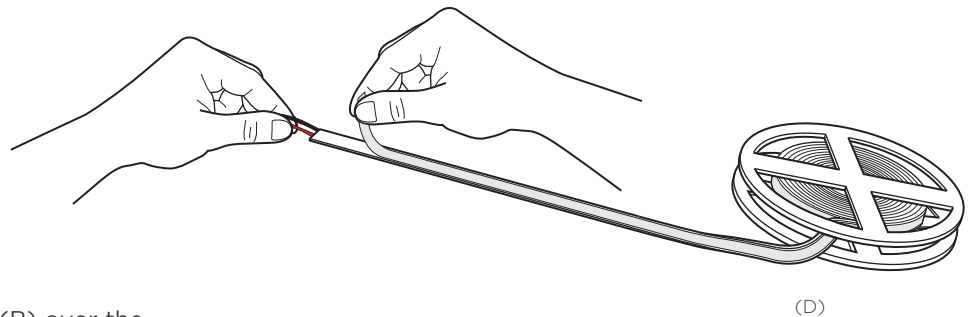


1. Clean the mounting surface free of dust and debris using a wet cloth. For metal mounting surfaces use rubbing alcohol (A) to wipe clean.

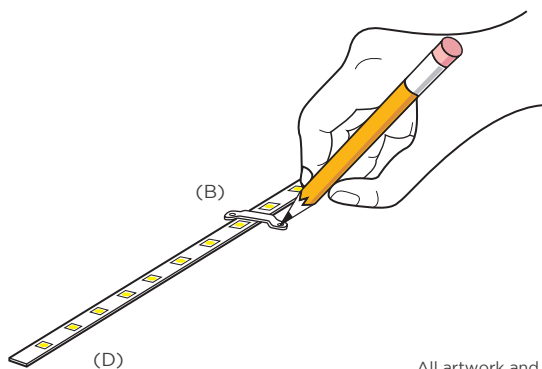
*Minimum bend radius for RibbonRayz :
IP68: 1" (25.4 mm)



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



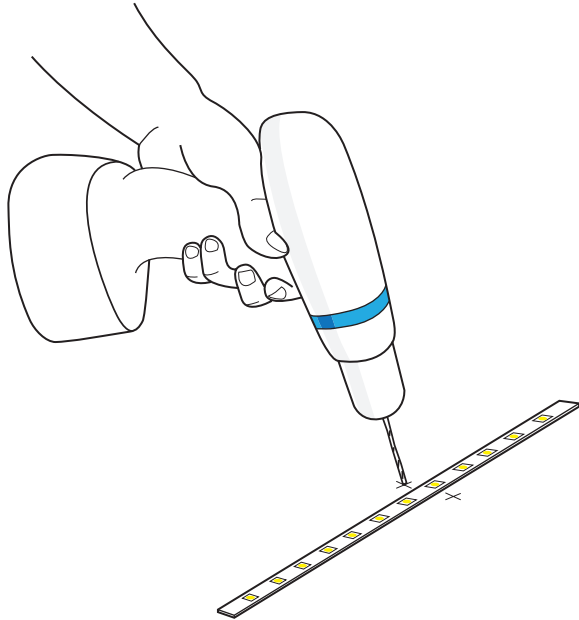
3. Every 12 inches place a silicone pad (B) over the RibbonRayz (D) and use a pencil to mark where each pilot hole will be drilled. DO NOT place the pad above an LED. Place it as close to 12 inches as possible, while not touching any LEDs.



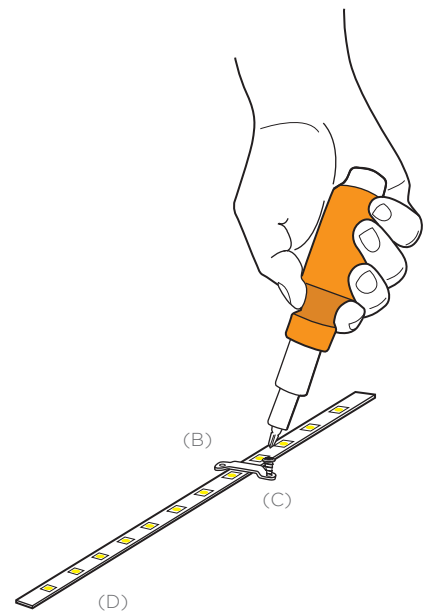
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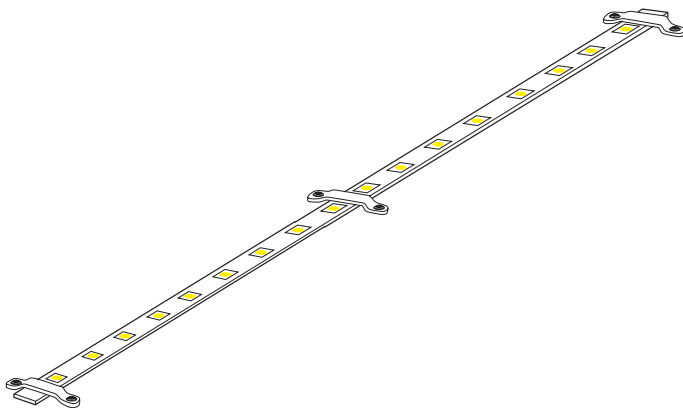
4. Drill pilot holes at the center of each mark you made.



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.



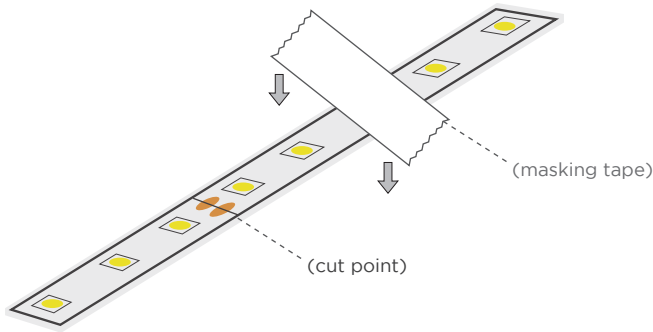
6. Your RibbonRayz installation is complete.



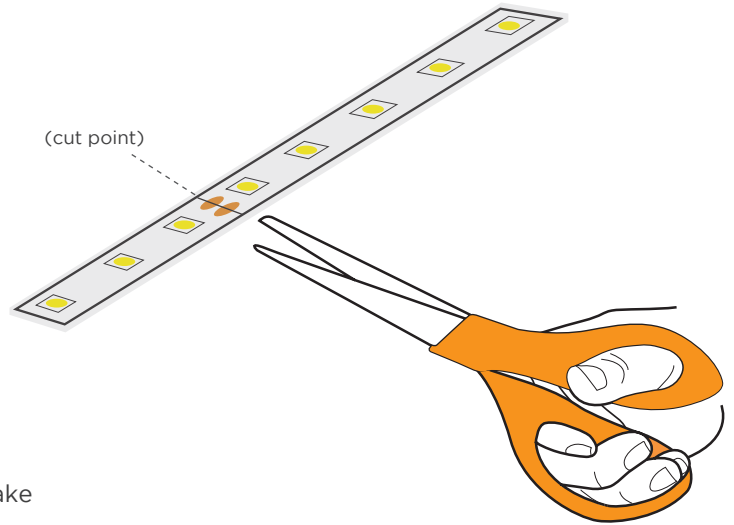
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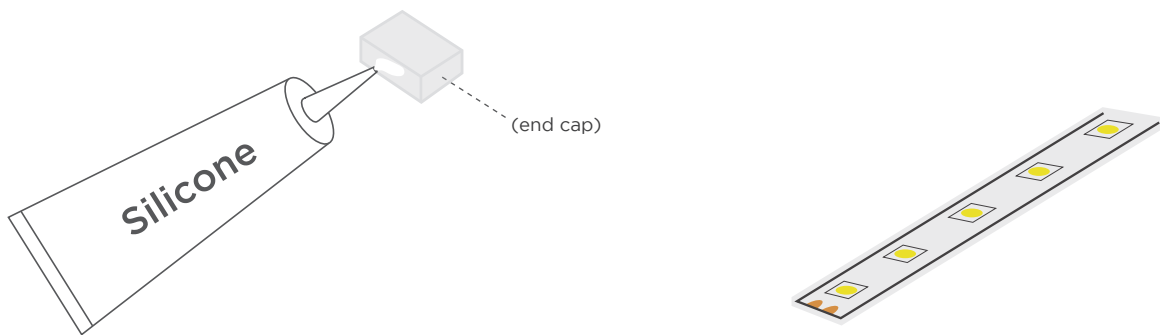
1. Decide the length of the RibbonRayz you need and find the closest cut point. Use masking tape and gently tape down the RibbonRayz near the cut point to prevent movements during soldering.



2. Cut RibbonRayz at the desired cut point



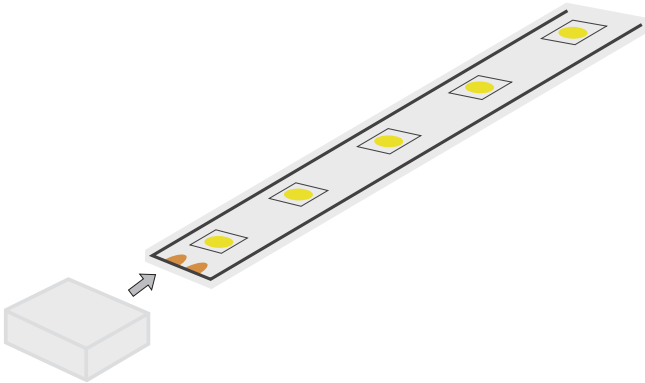
3. Apply silicone (AC-R130-FD-S-GLU-A) onto interior surfaces of the end cap (AC-R130-EN-D-PLG-A) and make sure the silicone is evenly cover all interior surfaces



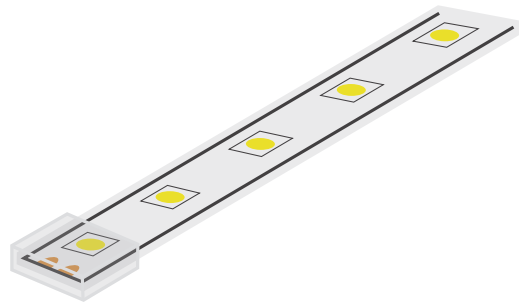
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4. Attach the end cap to the RibbonRayz securely and allow the drying time instructed by the type of silicone used.

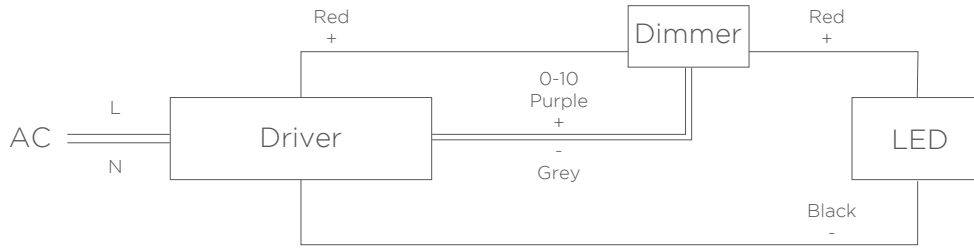


5. Installation complete.





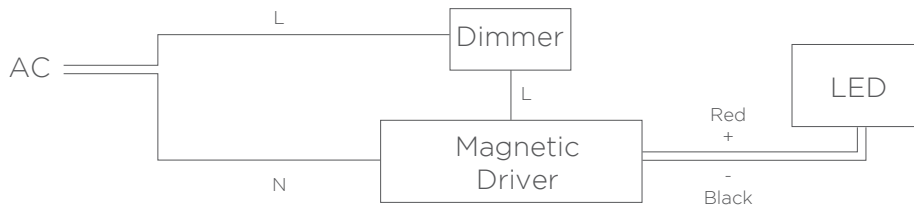
0-10V



WIRE COLORS

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

MAGNETIC + ELV



DMX

