

ARCH NEON

IP67 Pure Neon. Architectural Precision

Project: Type: Qty:



FEATURES

Material

Precision silicone extrusion, UV & yellowing resistant

Flexibility

Continuous linear lighting, excellent bend performance

Light Source

High-efficiency LED, low-heat, long-life

Protection

IP67, indoor & outdoor use

Voltage

24V DC, up to 16.4 ft (5 m) per feed

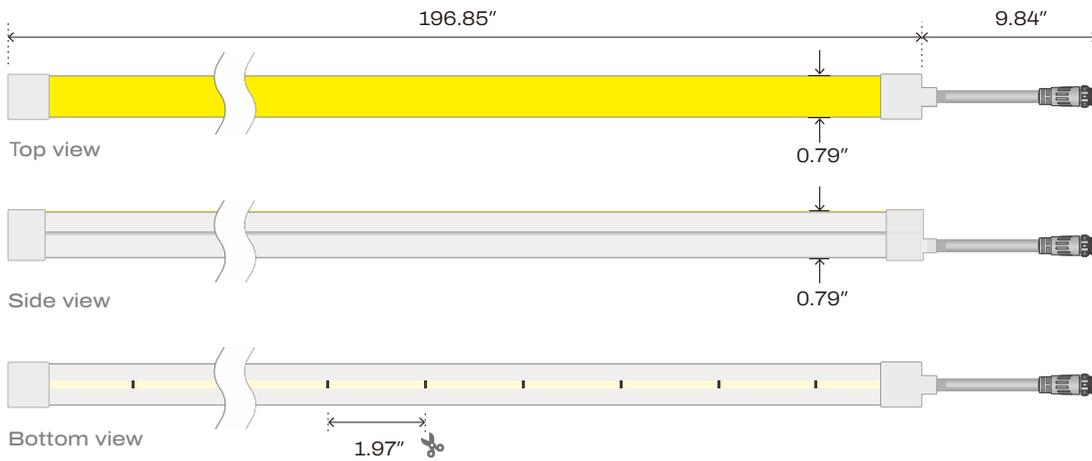
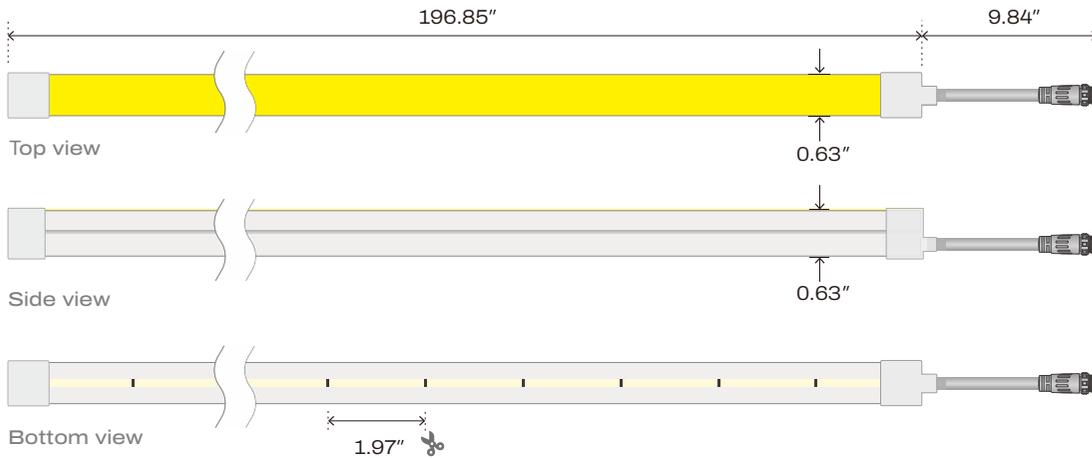
Illumination

Uniform brightness, no visible lumen decay

Sizes

0.63" x 0.63" / 0.79" x 0.79"

DIMENSION STRUCTURE



Material	Silicon
Size	16*16mm (0.63"*0.63") / 20*20mm (0.79"*0.79")
Color	White / Red / Green / Blue / CCT / RGB / RGBW
Light emission	120°
IP Rate	IP67 with appropriately rated accessories
Max length	16.4ft (5m)
Power Feed	One / Two end feed
Cable Out	Front / Side / Bottom
Installation	-40°F to 134°F (-40°C to 55°C)
Operating	-25°F to 131°F (-25°C to 55°C)
Humidity	0-95% non condensing
Warranty	3 years

Order Code

ORDER CODE EXAMPLE: ARCHNEON-0.63"-XX-40K-UNI-XX-D10

SERIES	WIDTH*HEIGHT	LENGTH	CCT	VOLTAGE	CABLE ENTRY	DIMMING
ArchNeon	0.63" 0.63*0.63" 0.79" 0.79*0.79"	XX length in feet	24K 2400K/90 CRI 27K 2700K/90 CRI 30K 3000K/90 CRI 35K 3500K/90 CRI 40K 4000K/90 CRI 50K 5000K/90 CRI R Red/90 CRI G Green/ 90 CRI B BLue/ 90 CRI A Amber 90 CRI	UNI universal(120/277V)	XX See following pages for cable entry details and type identification.	D10 0-10V ELV ELV/Phase

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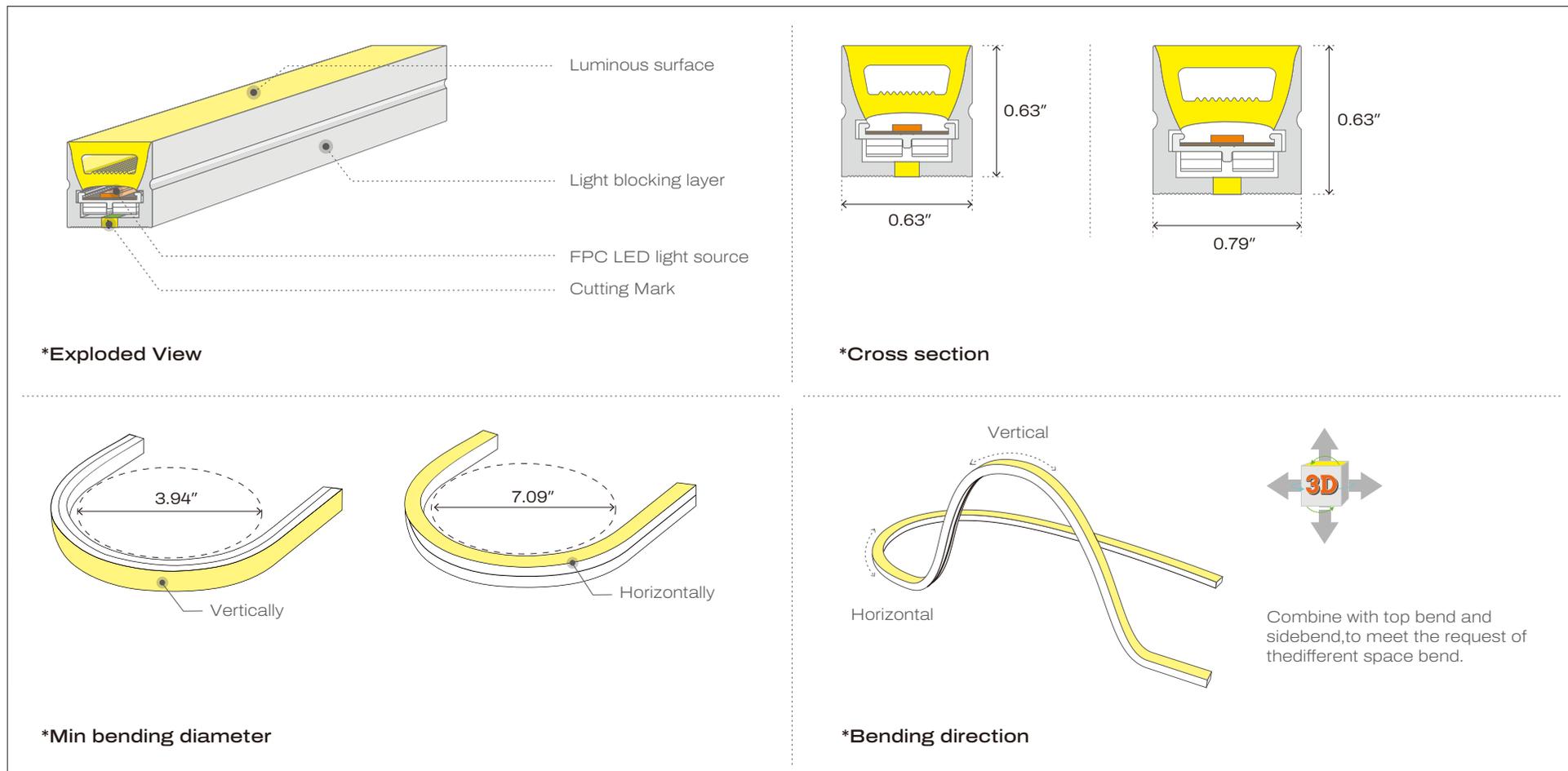
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EXPLODED VIEW



POWER AND LUMEN DATA

Voltage	Power	CRI	CCT	Lumen/M	Lumen/W	Max.Length	Unit Cut
CV24V	4W/FT	>90	● 2400K±100	588	49	5M	50mm
			● 2700K±100	612	51		
			● 3000K±100	660	55		
			● 3500K±200	720	60		
			● 4000K±300	687	56		
			● 5000K±300	696	58		
			● 6000K±300	672	56		
		/	● Red	285.6	23.8		
			● Green	657.6	54.8		
			● Blue	128.4	10.7		
			● Yellow	53.28	4.44		
			● Pink	270	22.5		

Note:

- All performance data above are based on a 3.28 ft (1 m) test sample. test samples.
- Power and luminous output may vary by up to ±10%.

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ACCESSORIES

0.63"*0.63"(16*16mm)

Name	image	Dimension drawing	Description	Name	image	Dimension drawing	Description
Aluminium Channel			Flat mounting aluminum groove	End-Cap set			End cap set, including end cap and plug (outlet from the left direction) IP65
Aluminium Clip			Flat mounting clip	End-Cap set			End cap set, including end cap and plug (outlet from the bottom direction) IP65
Metal Flexible channel			Moldable groovez				

0.79"*0.79"(20*20mm)

Name	image	Dimension drawing	Description	Name	image	Dimension drawing	Description
Aluminium carrier			Flat mounting aluminum groove	Wire		/	2P DC wire (Male)
Aluminium carrier			Flat mounting clip	Wire		/	2P DC wire (Female)
Aluminium carrier			Aluminum groove with reserved wire outlet	Wire		/	2P T-Connection Wire
Aluminum clip			clip with reserved wire outlet	Wire		/	4P DC wire (Male)
glue		/	588G Acid glue	Wire		/	4P DC wire (Female)

Project:	Type:	Qty:
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ACCESSORIES

0.79"*0.79" (20*20mm)

Name	image	Dimension drawing	Description	Name	image	Dimension drawing	Description
Wire		/	4P T-Connection Wire	Plug		/	Silicone Plug Set. Includes plug and plug end (Top)
Wire		/	5P DC wire (Male)	Plug		/	Silicone Plug Set. Includes plug and plug end (Side)
Wire		/	5P DC wire (Female)	Aluminium carrier			Recessed Shaped Slot
Wire		/	5P T-Connection Wire	Aluminium carrier			Stylable installation Groove
Wire		/	5P T-Connection Wire				

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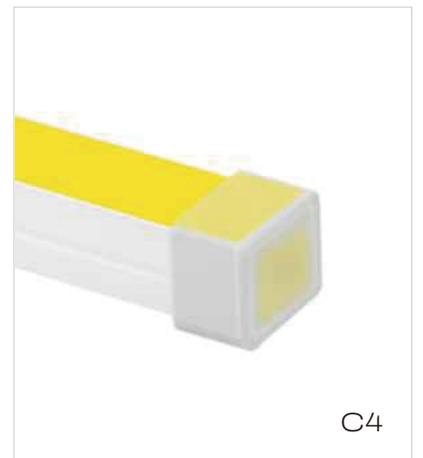
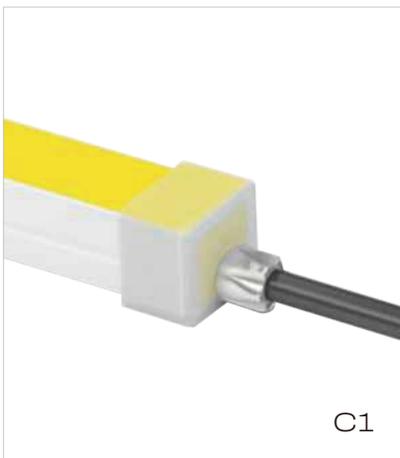
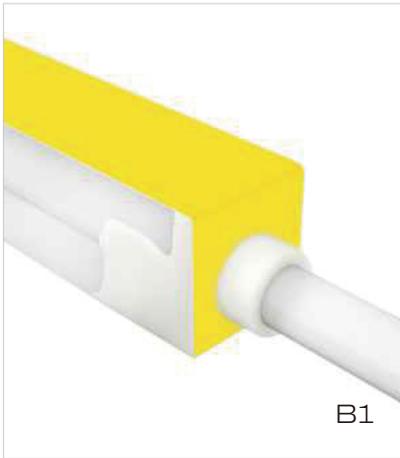
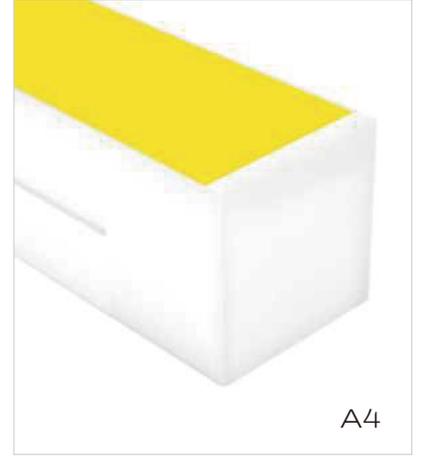
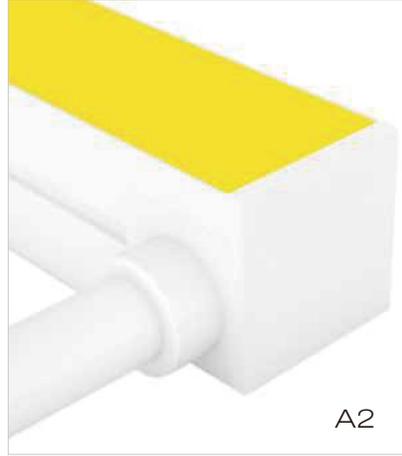
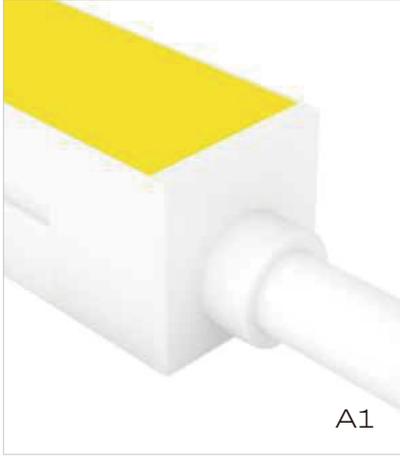
CABLE ENTRY

Front Cable Entry

Side Cable Entry

Bottom Cable Entry

End cap



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ACCESSORIES INSTALLATION

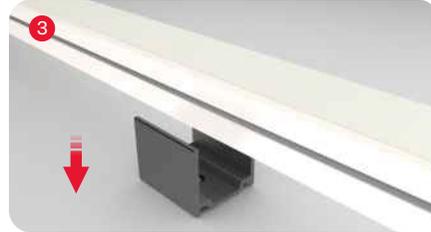
Clips Installation



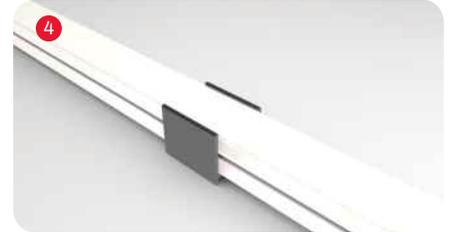
Prepare screwdrivers and screws and clips



Screw the screw into the clips



Put the neon light into the clip in the direction of the arrow

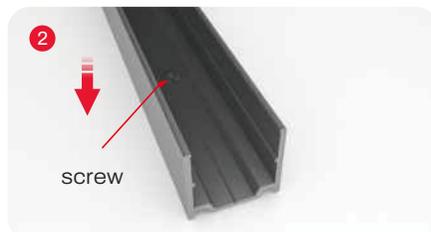


Installed complete

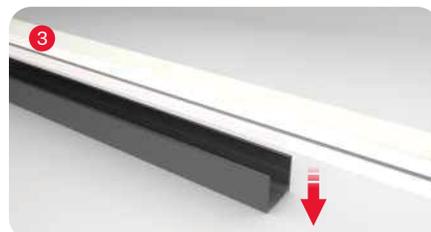
Aluminium groove Installation



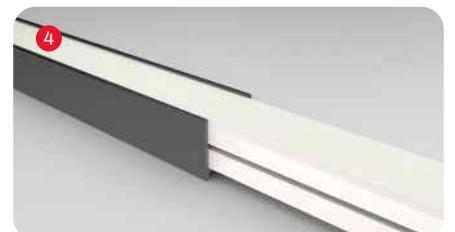
Prepare screwdrivers and screws and aluminium groove



Drive the screw into the aluminium groove

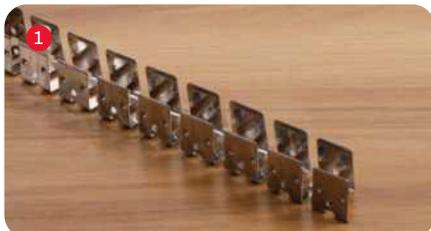


Put the Neon into the aluminum groove in the direction of the arrow

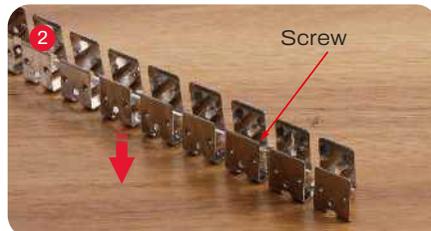


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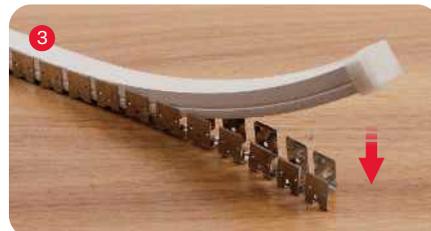
Flexible channel Installation



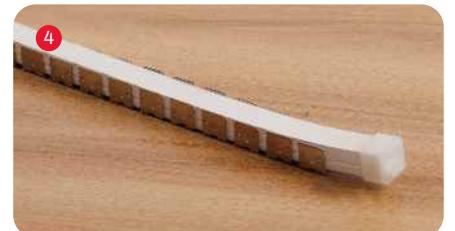
Prepare the chain and screws



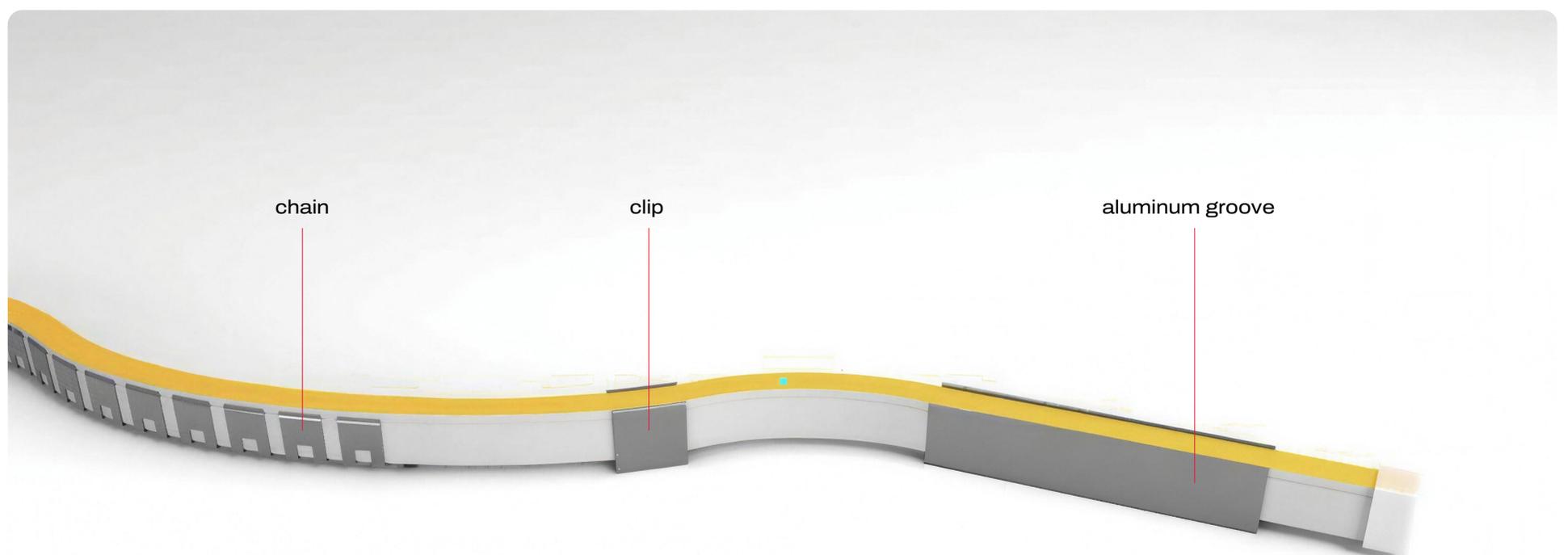
Drive the screws through the holes of the chain into the wood board



Slowly embed the neon lights in the chain



Installed complete

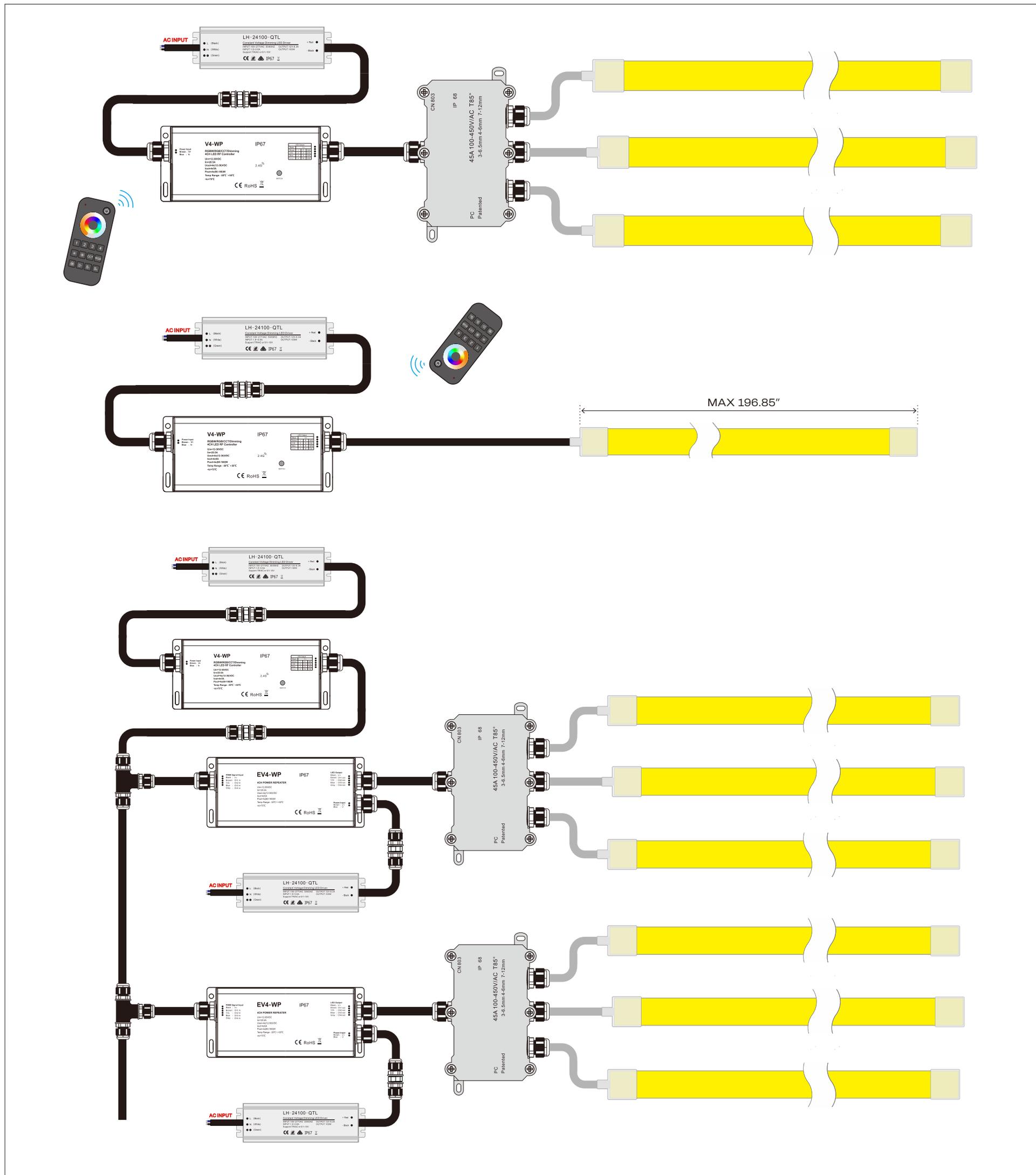


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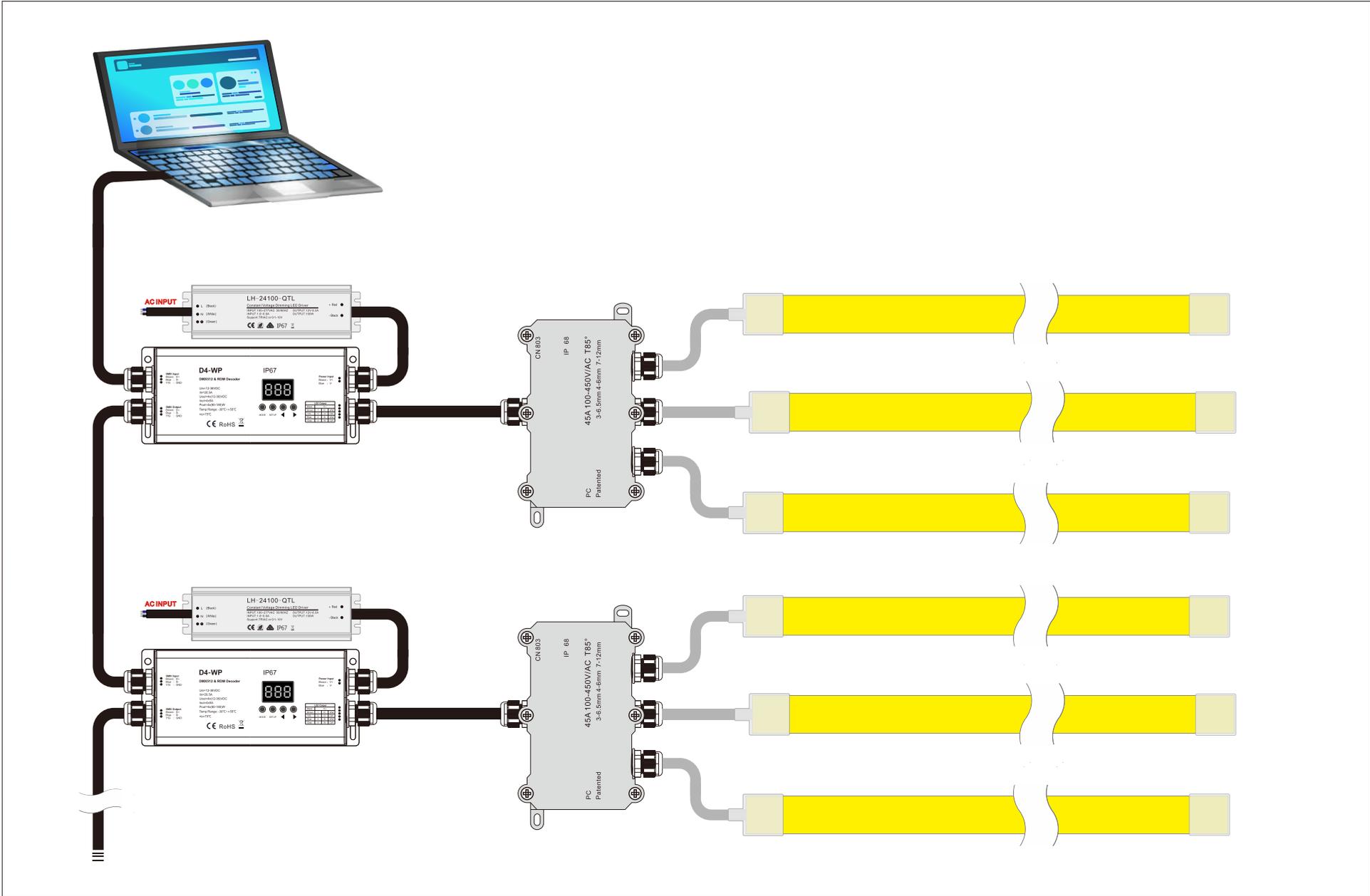
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RGB AND MONOCHROME WIRING INSTALLATION

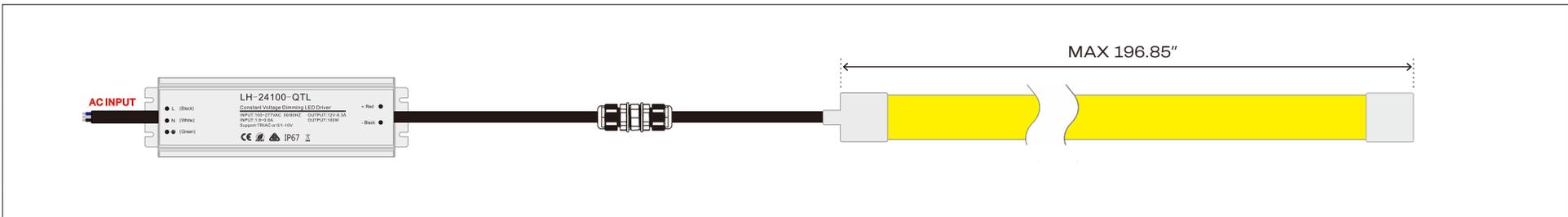


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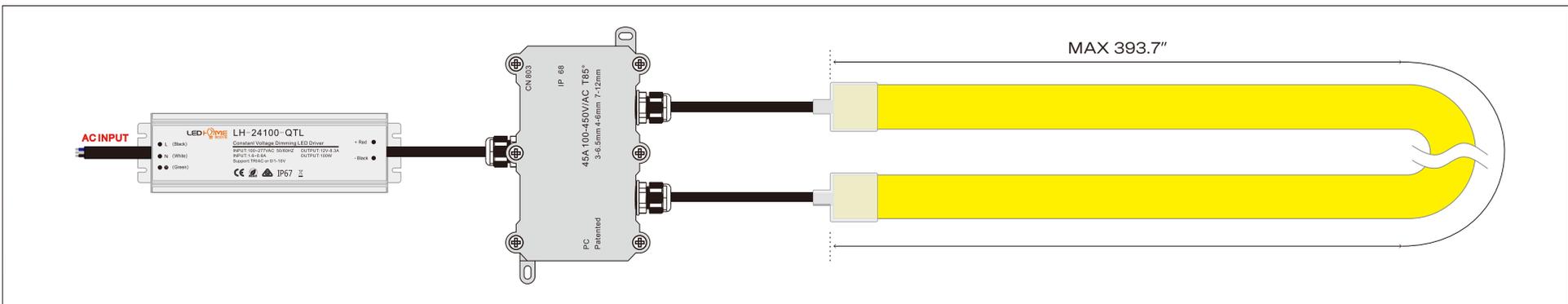
RGB ENGINEERING WIRING INSTALLATION



ONE END POWER SUPPLY



TWO END POWER SUPPLY

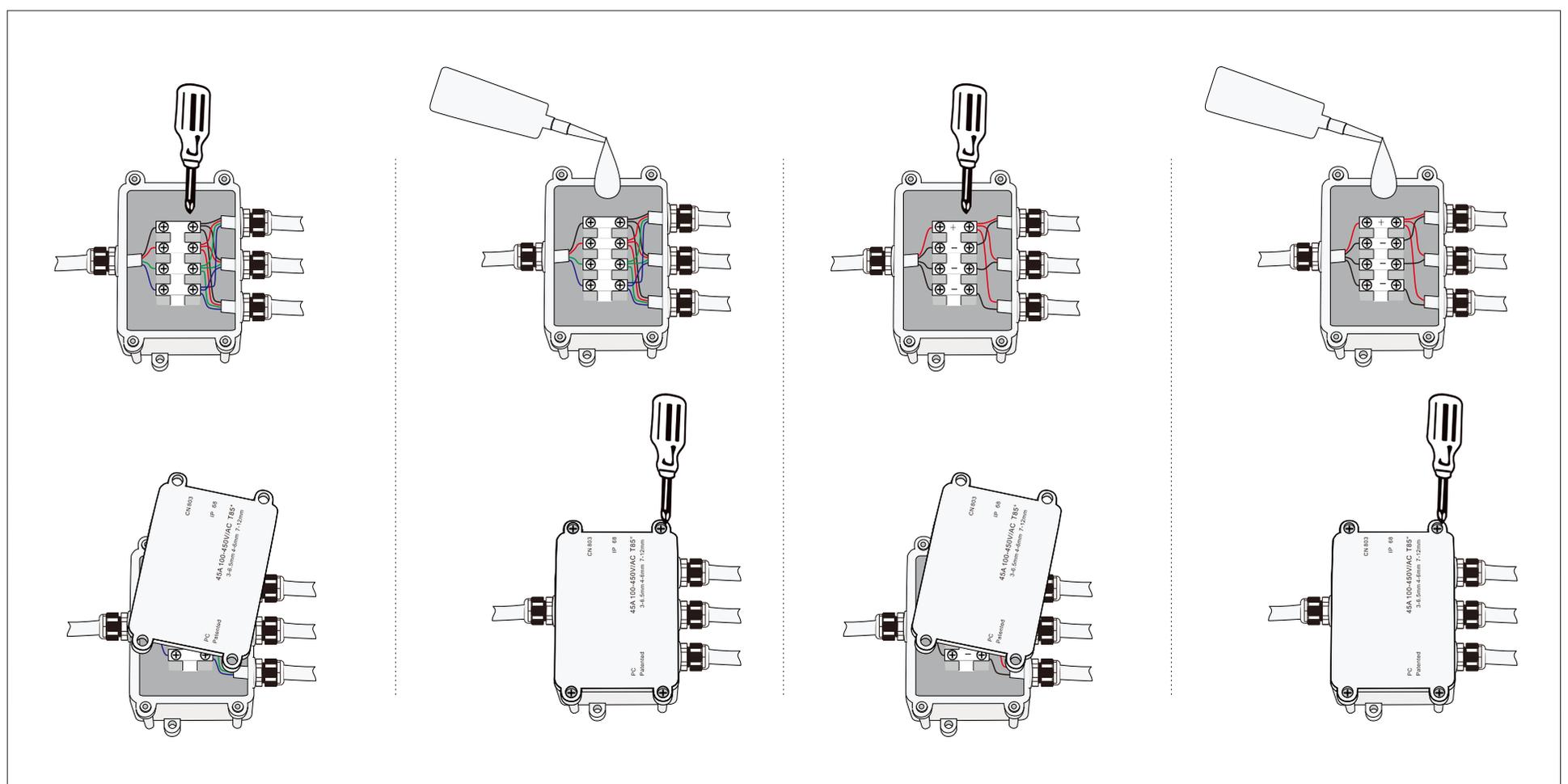
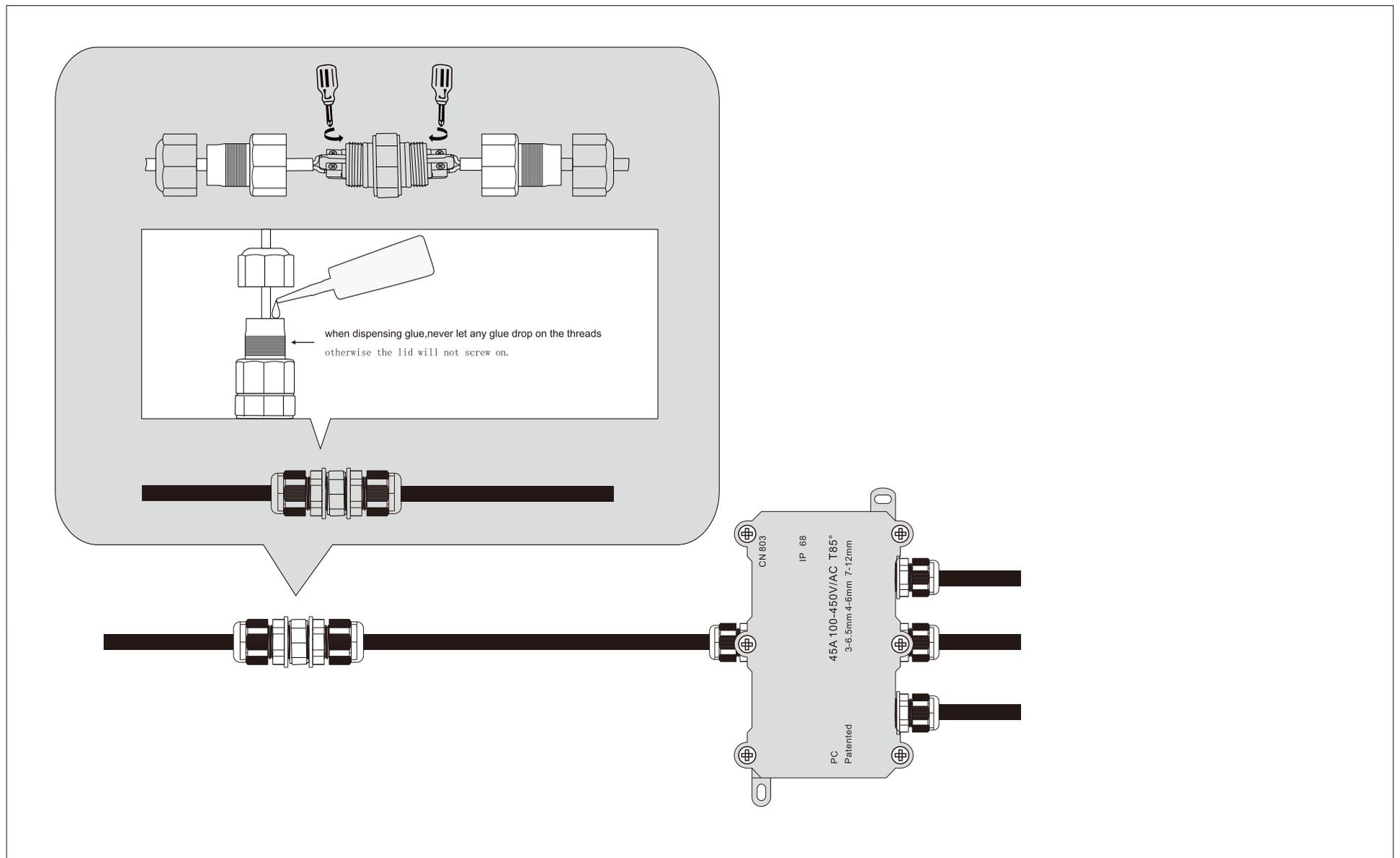


Project:

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RGBAND MONOCHROME WIRING ADAPTER INTERIOR VIEW



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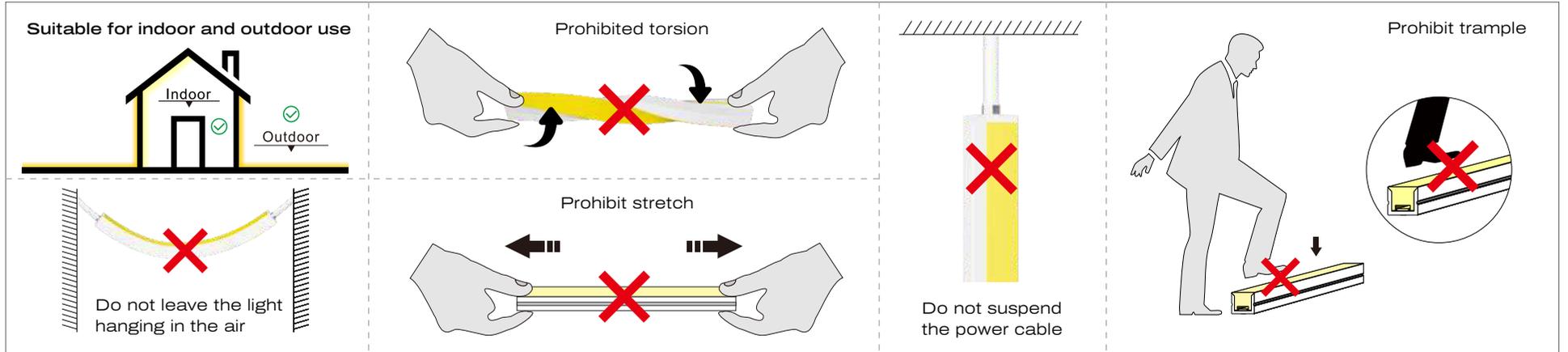
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CAUTIONS

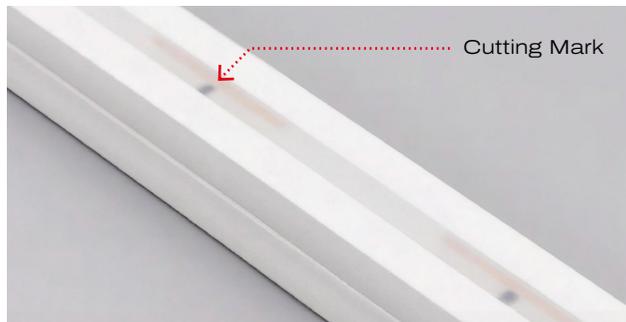
⚠ The electrical connection process must be operated by a professional person.

INSTALLATION PRECAUTIONS



Note:
The length of more than 5 meters, please be sure to power to see if the lamp strip is damaged, if there is bad, please do not install.

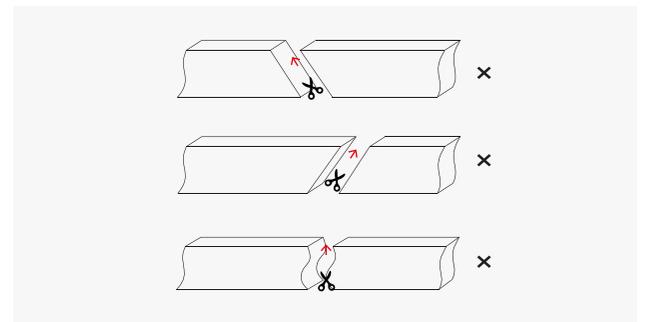
CUTTING METHOD



Note: The top of the led strip is a transparent window. and the black mark is cutting position



Use a cutting jig, vertical cutting precisely in the exact cutting position of led strip.



Please don't be feel free to cut and cut into an oblique angle or cambered section.



Power Supply- drivers used for power
60w -350w options