APEX NEON

Pure Neon. Architectural Precision

BINA COMPANY

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

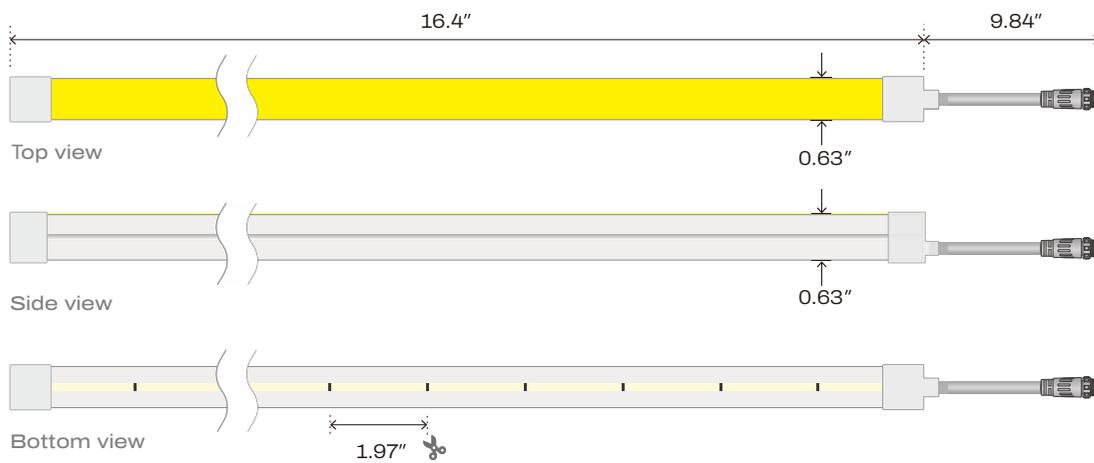**Protection**
IP67, indoor & outdoor use

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

Illumination
Uniform brightness, no visible lumen decay

5 YEAR WARRANTY · ETL Intertek · Indoor · outdoor · IP65 · IK10 · FLAME RESISTANT · UV Protection · SALTWATER RESISTANT · SOLVENT RESISTANT

DIMENSION STRUCTURE

16.4"   9.84"

Top view   0.63"

Side view   0.63"

Bottom view   1.97"

Material	Silicon
Size	16*16mm (0.63"*0.63")
Color	White / Red / Green / Blue / Amber / PINK / RGB / RGBW
Light emission	120°
IP Rate	IP67 with appropriately rated accessories
Max length	16.4ft (5m)
Power Feed	One / Double end
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	5 years

Order Code

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

SERIES	WIDTH*HEIGHT	LENGTH	CCT		VOLTAGE		CABLE ENTRY	
Apex Neon	**0.63"** 0.63*0.63"	**XX** length in feet	**24K**	2400K/90 CRI	**UNI**	universal(120/277V)	**XX**	See following pages for cable entry details and type identification.
			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				
			P	Pink/90 CRI				
			RGB	N/A for 32R	Single-color output per segment only. Dynamic pixel/chasing effects not supported.			
			RGBW	___specify W N/A for 32R	Single-color output per segment only. Dynamic pixel/chasing effects not supported.			

BENDING OPTIONS

VB	Vertical bend only
3DB	3D vertical/ horizontal bend

DIMMING

D10	0-10V
ELV	ELV/Phase
DALI1	DALI
DALI2	DALI DT8 for RGB/RGBW
DMX	DMX for RGB/RGBW

INSTALLATION

CL	Clips installation
AG	Aluminium groove installation
FC	Flexible channel installation

Please confirm quantity and length with the factory

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☎ 305.735.3114
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Project:	Type:	Qty:

EXPLODED VIEW

- Luminous surface
- Light blocking layer
- FPC LED light source
- Cutting Mark

0.63″

0.63″
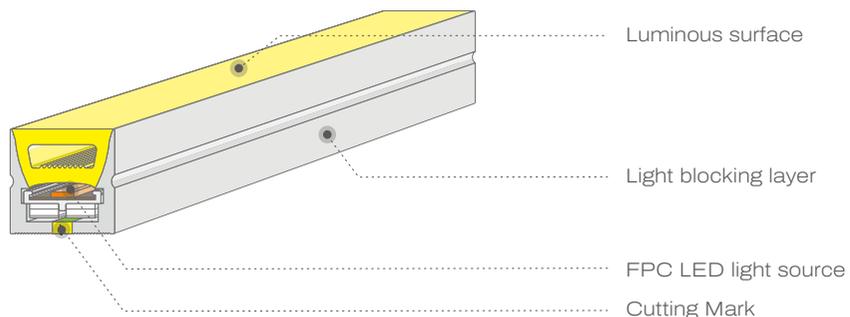
*Exploded View

*Cross section

3.94″

Vertically

7.09″

Horizontally

Vertical

Horizontal

3D
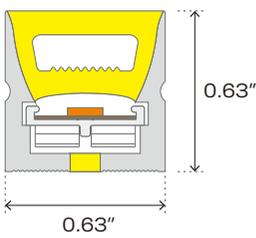
Designed with both top and side bend flexibility to adapt seamlessly to your application.
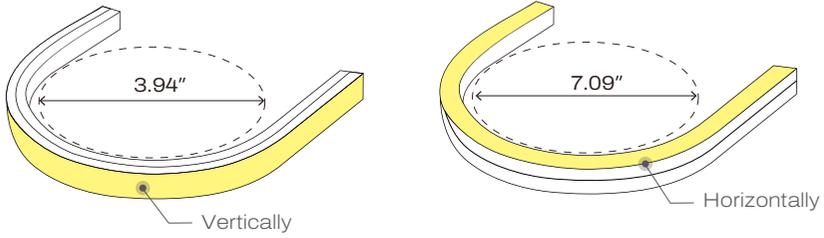
*Min bending diameter

*Bending Options

POWER AND LUMEN DATA

Voltage	Power	CRI	CCT	Lumen/FT	Lumen/W	Max.Length	Unit Cut
CV24V	4W/FT	>90	2400K±100	178	49	15.4 ft	1.97 in
			2700K±100	185	51		
			3000K±100	200	55		
			3500K±200	218	60		
			4000K±300	208	56		
			5000K±300	210	58		
			6000K±300	203	56		
		/	Red	86.5	23.8		
			Green	199	54.8		
			Blue	38.9	10.7		
			Yellow	16.1	4.44		
			Pink	81.8	22.5		
		>90	RGB	54.5	22.5		2.46 in
			RGBW2700K	64	5		
			RGBW4000K	127	10		
			RGBW6500K	188	15		

Note:

1. All performance data above are based on a 3.28 ft (1 m) test sample. test samples.

2. 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		0.83" / 0.81"	Flatm ounting aluminum groove	Wire		/	2P PVC wire (0.5M)
Aluminium Clip		0.83" / 0.81"	Flatm ounting clip	Wire		/	3P PVC wire (0.5M)
Metal Flexible channel		0.61" / 0.2" / 0.65"	Moldable groovez	Wire		/	4P PVC wire (0.5M)
End-Cap set		0.71" / 0.47" / 0.71" / 0.67"	End cap set,including end cap and plug (outlet from the left direction) IP65	Wire		/	5P PVC wire (0.5M)
End-Cap set		0.67" / 0.71" / 0.67"	End cap set,including end cap and plug (outlet from the bottom direction) IP65	Connector		/	2PIN IP68 Water pro of connector
End-Cap set		0.67" / 0.71" / 0.67"	End cap set,including end cap and plug (outlet from the Front direction)	Connector		/	3PIN IP68 Water pro of connector
One-piece waterproof End-Cap		0.63" / 0.63"	One-piece injection straight-out end cap	Connector		/	4PIN IP68 Water pro of connector
One-piece waterproof End-Cap		0.63" / 0.63"	One-piece injection molded left end cap	RGB Connector		/	RGB male/female connector, 1ft cable length
One-piece waterproof End-Cap		0.63" / 0.63"	One-piece injection molded left end cap	RGBW Connector		/	RGBW male/female connector, 1ft cable length
One-piece waterproof End-Cap		0.6" / 0.63"	One-piece injection molded left end cap				

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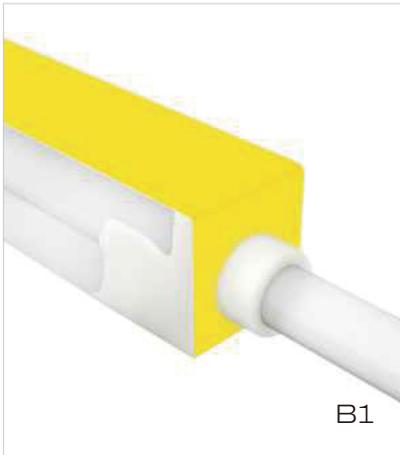🌐 www.binacompany.com

APEX NEON

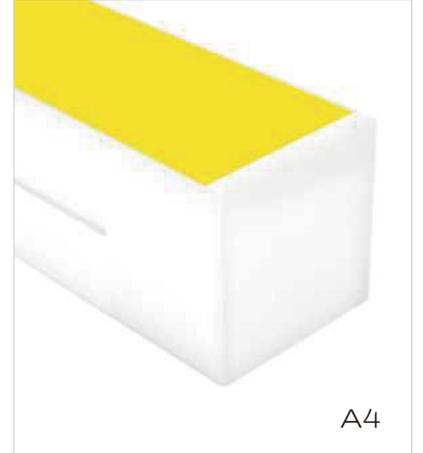Pure Neon. Architectural Precision

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CABLE ENTRY

Front Cable Entry	Side Cable Entry	Bottom Cable Entry	End cap

A1

A2

A3

A4

B1

B2

B3

B4

C1

C2

C3

C4

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5 YEAR WARRANTY

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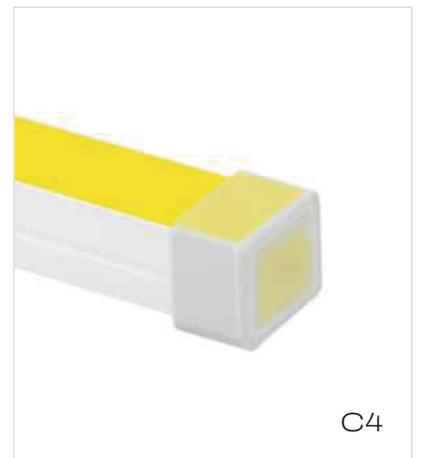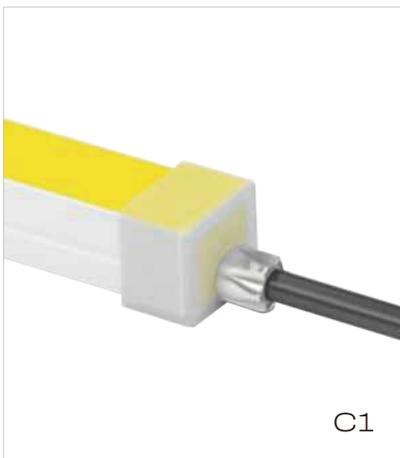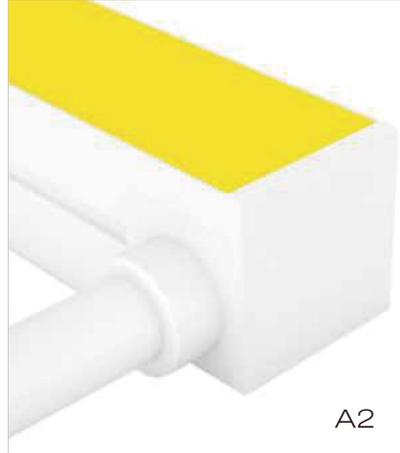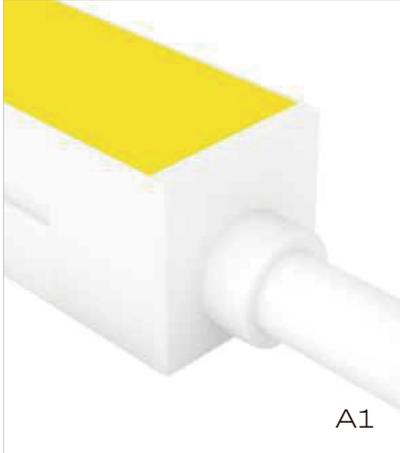
Project: Type: Qty:

ACCESSORIES INSTALLATION

Clips Installation
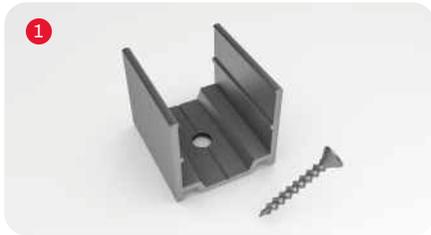
1
Prepare screwdrivers and screws and clips

2
Screw the screw into the clips

3
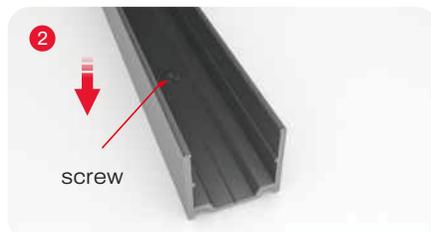Put the neon light into the clip in thedirection of the arrow
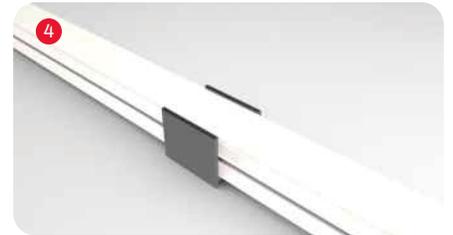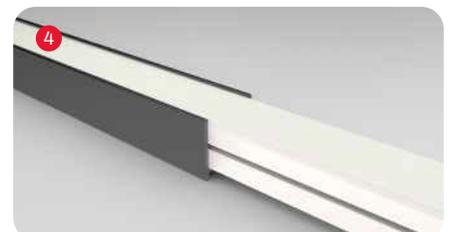
4
Installed complete

Aluminium groove Installation

1
Prepare screwdrivers, screws and aluminium groove

2
screw
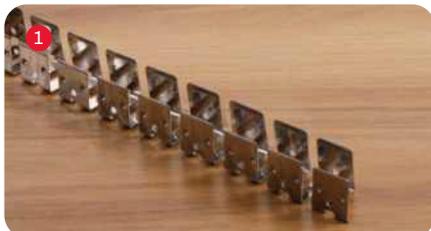Drive the screw into the aluminum groove

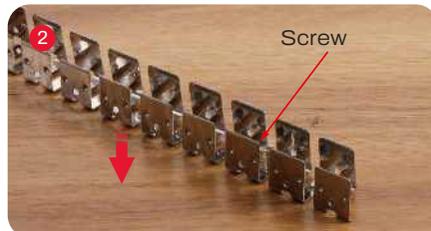**3**
Put the Neon into the aluminum groove in the direction of the arrow
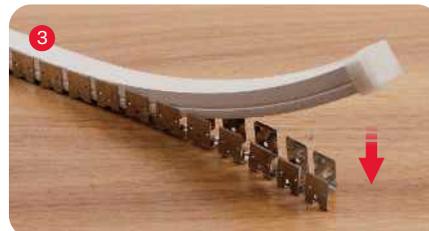
4
Installed complete

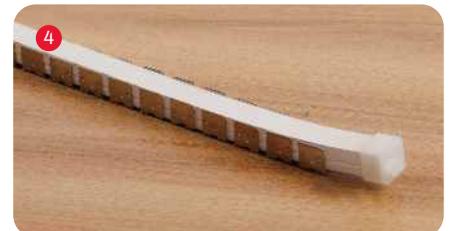### Flexible channel Installation
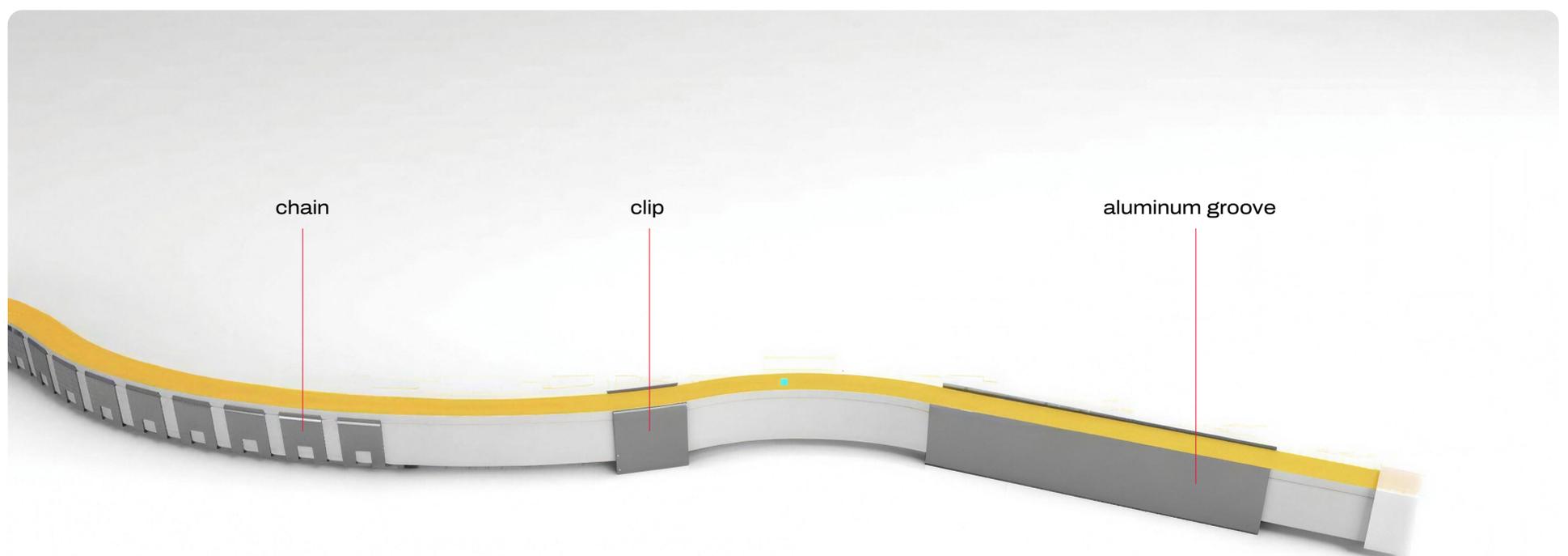
1
Prepare the chain and screws

2
Screw
Drive the screws through the holes of thechain into the wood board
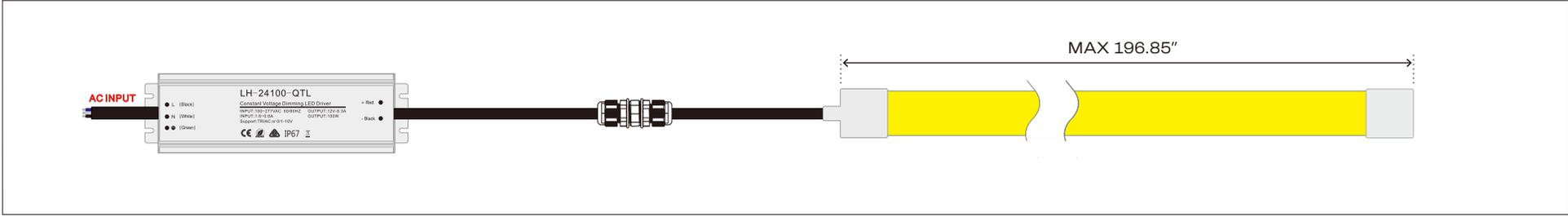
3
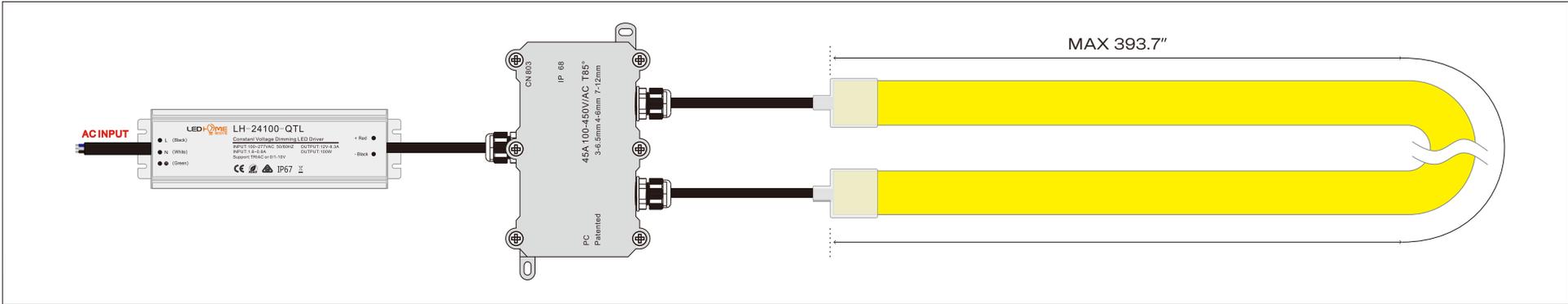Slowly embed the neon lights in the chain

4
Installed complete

chain   clip   aluminum groove

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ONE END POWER SUPPLY

AC INPUT

L (Black)
N (White)
(Green)

LH-24100-QTL
Constant Voltage Dimming LED Driver
INPUT:100-277VAC 50/60HZ OUTPUT:12V-8.3A
INPUT:1.4~0.8A OUTPUT:100W
Support:TRIAC or 0/1-10V

+ Red
- Black

CE IP67

MAX 196.85"

DOUBLE END POWER SUPPLY

AC INPUT

LED LH-24100-QTL
Constant Voltage Dimming LED Driver
INPUT:100-277VAC 50/60HZ OUTPUT:12V-8.3A
INPUT:1.4~0.8A OUTPUT:100W
Support:TRIAC or 0/1-10V

L (Black)
N (White)
(Green)

+ Red
- Black

CE IP67

CN 803
IP 68
45A 100-450V/AC T85°
3-6.5mm/4-6mm/7-12mm
PC
Patented

MAX 393.7"

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Project:	Type:	Qty:

RGBAND MONOCHROME WIRING ADAPTER INTERIOR VIEW

Important: Do not allow adhesive on threaded areas. Contaminated threads may prevent proper closure.

CN 803
IP 68
45A 100-450V/AC T85°
3-6.5mm 4-6mm 7-12mm
PC
Patented

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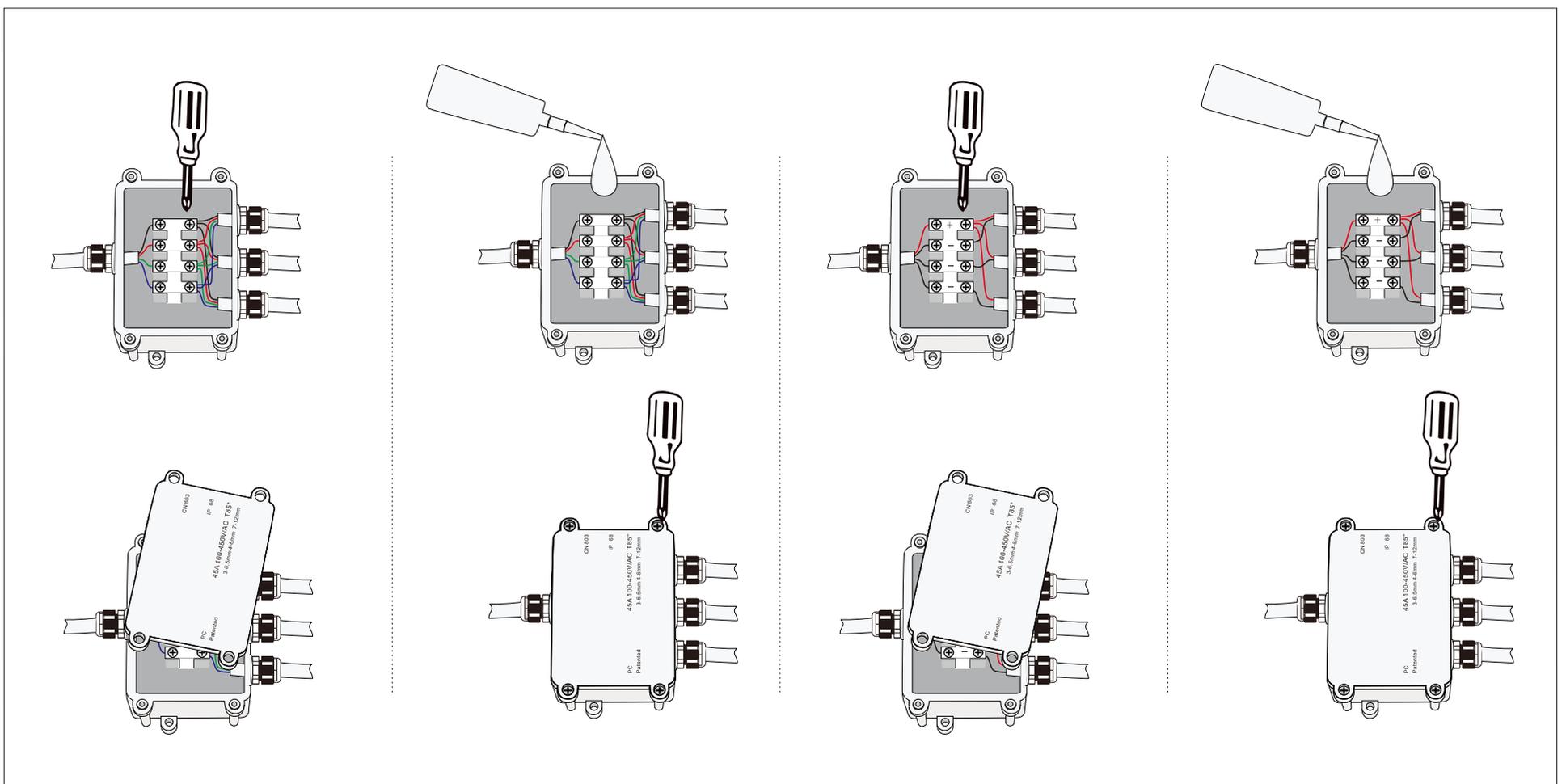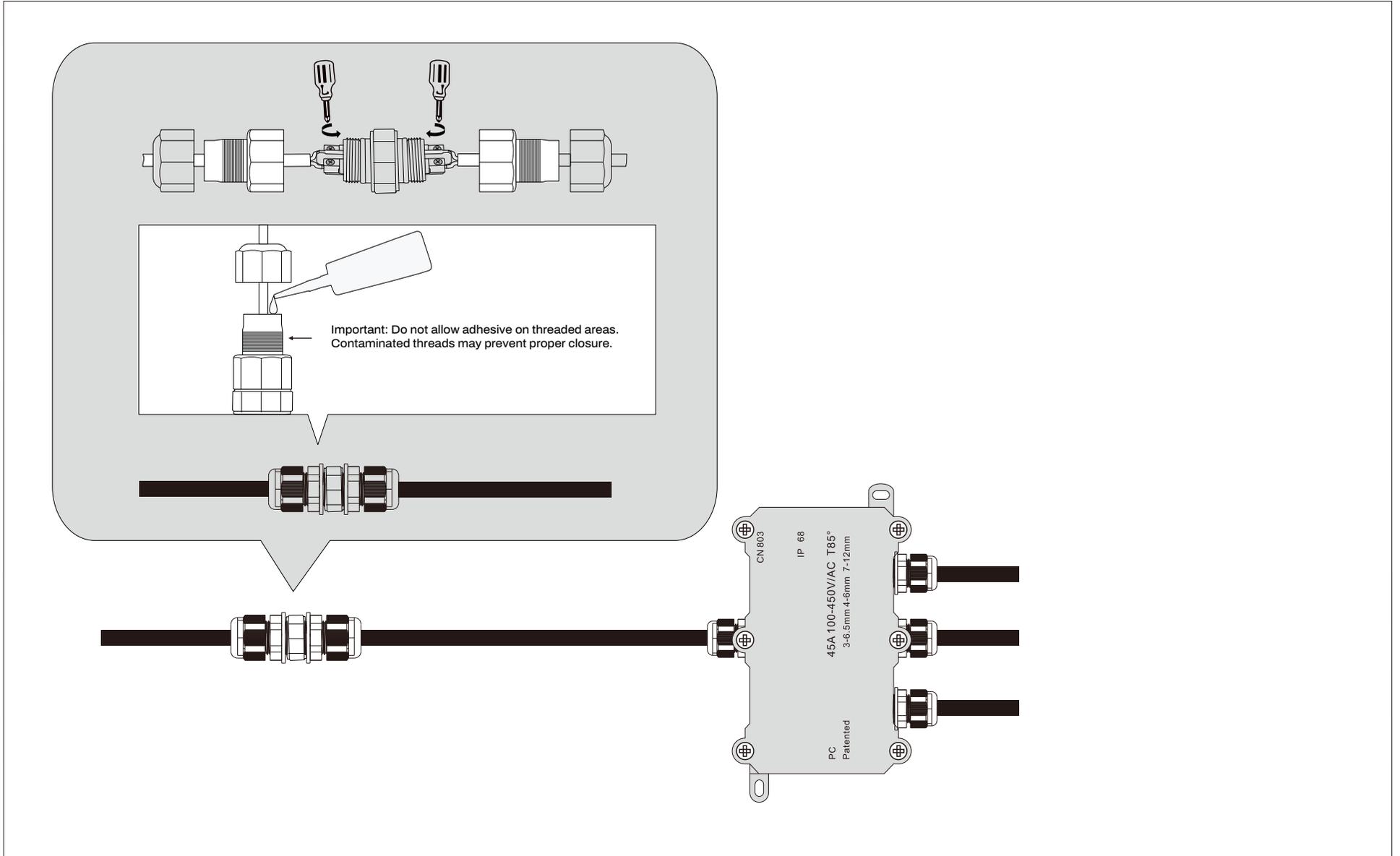
ARCH NEON

IP67 Pure Neon. Architectural Precision
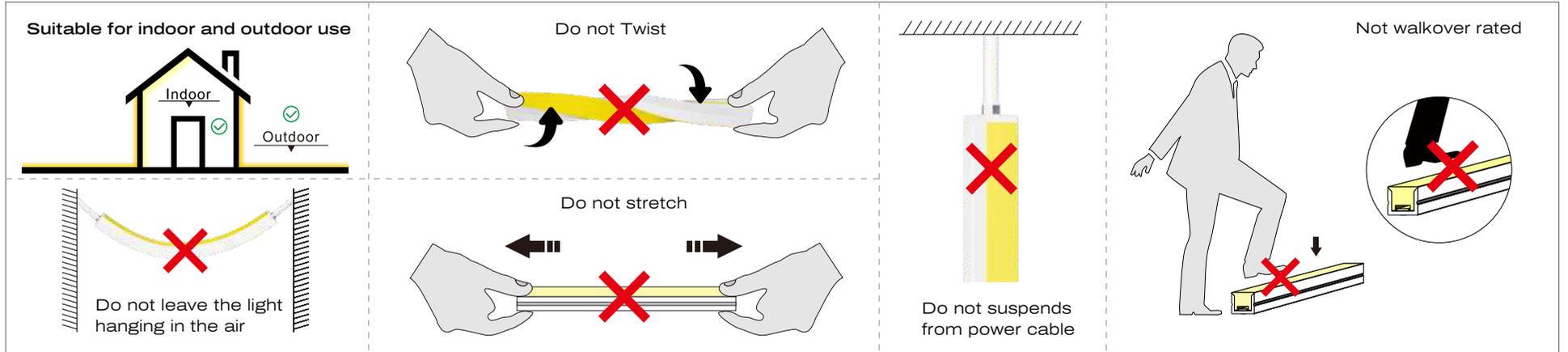
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Project:	Type:	Qty:

CAUTIONS

⚠ The electrical connection process must beoperated by aprofessional person.

INSTALLATION PRECAUTIONS

Suitable for indoor and outdoor use	Do not Twist		Not walkover rated
Indoor ✓ / Outdoor		✗	
Do not leave the light hanging in the air ✗	Do not stretch ✗	Do not suspends from power cable ✗	✗

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 .

Power Supply- drivers used for power
For 0-1V/ELV

30W-384W(4*94W Class2) options

For DALI or RGB/RGBW control options, please consult the factory.

YEAR WARRANTY 5

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