Premium LED Flex Neon Light

NEON/P1010-T
NEON/P1010-Tri
NEON/P1010-S

Featuring advanced tri-color silicone co-extrusion and full silicone encapsulation technologies, the P1010 Series combines a compact 10 × 10 mm profile with uniform, dot-free illumination and reliable outdoor performance. Its slim construction allows seamless integration into narrow architectural details and confined installation spaces. With an IP67 protection rating, it offers excellent resistance to water, dust, UV exposure, and yellowing, making it ideal for refined façade details, building contours, steps, pathways, and decorative landscape lighting.









Tri-Color Silicone Co-Extrusion Technology

Tri-Color Silicone Co-Extrusion Technology delivers higher luminous efficiency and consistent light output.

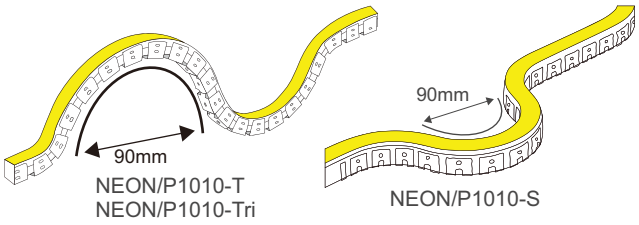
IP67

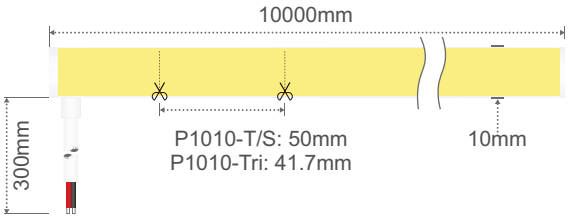
Full silicone encapsulation technology, LED&PCB fully sealed, no any water immersion risk.

Dotless

Uniform light emission, no dark areas.

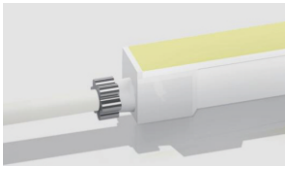
BENDING DIAGRAM





VARIOUS CABLE ENTRY

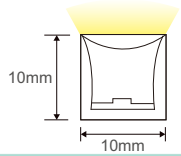
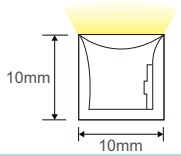
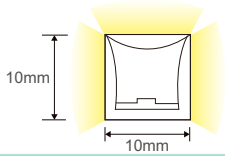

Side Out(Default)


Direct Out


Bottom Out


End cap

PRODUCT PARAMETERS

Model	NEON/P1010-T	NEON/P1010-S	NEON/P1010-Tri
			
Input	DC24V		
LED/M	120pcs/M	120pcs/M	144pcs/M
M/Reel	10M/Reel		
LED type	SMD		
CRI	>80		
IP rating	IP67		
Cutting	50mm	50mm	41.7mm
Power	6W/M	5W/M	5W/M
Lumen/M	480 lm/M@3000K	300 lm/M@3000K	300 lm/M@3000K
CCT	2700K 3000K 3500K 4000K 5000K 6500K R G B		

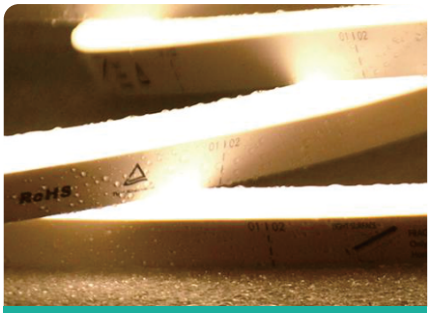
COMPATIBILITY

ON/OFF | Triac | 0/1-10V | DALI

KEY STRUCTURAL FEATURES



A waterproof barrier ring is fitted on the cable 120 mm away from the front connector to prevent water ingress inside the cable.



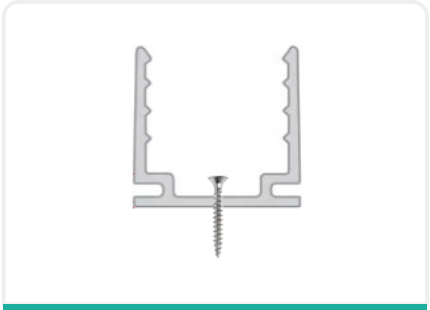
Anti-dust surface treatment delivers an ultra-smooth touch and excellent dust resistance for the neon light.



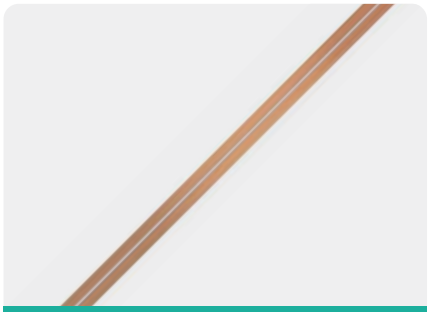
Tri-Color Silicone Co-Extrusion Technology delivers higher luminous efficiency and consistent light output.



IP67 Injection-Moulded Connector



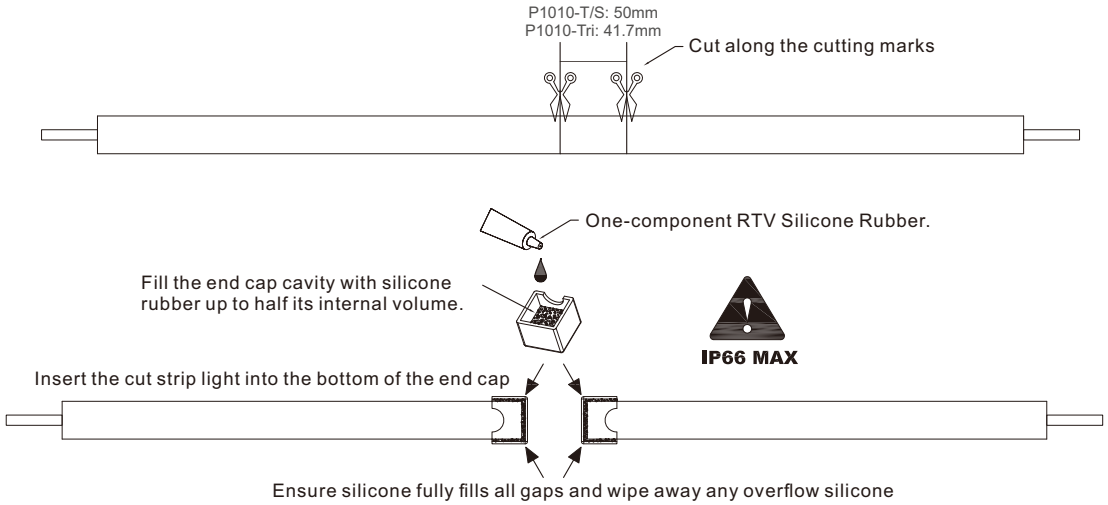
Screw Head Recess Design



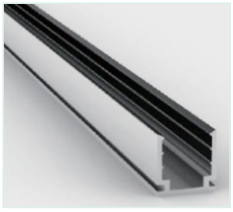
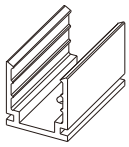
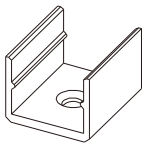
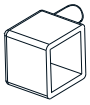
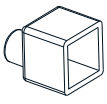
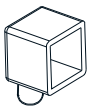
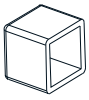
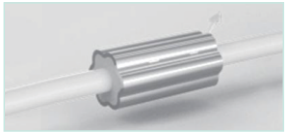
Features calendered copper FPC with a thickness of 4oz

CUTTING AND SEALING

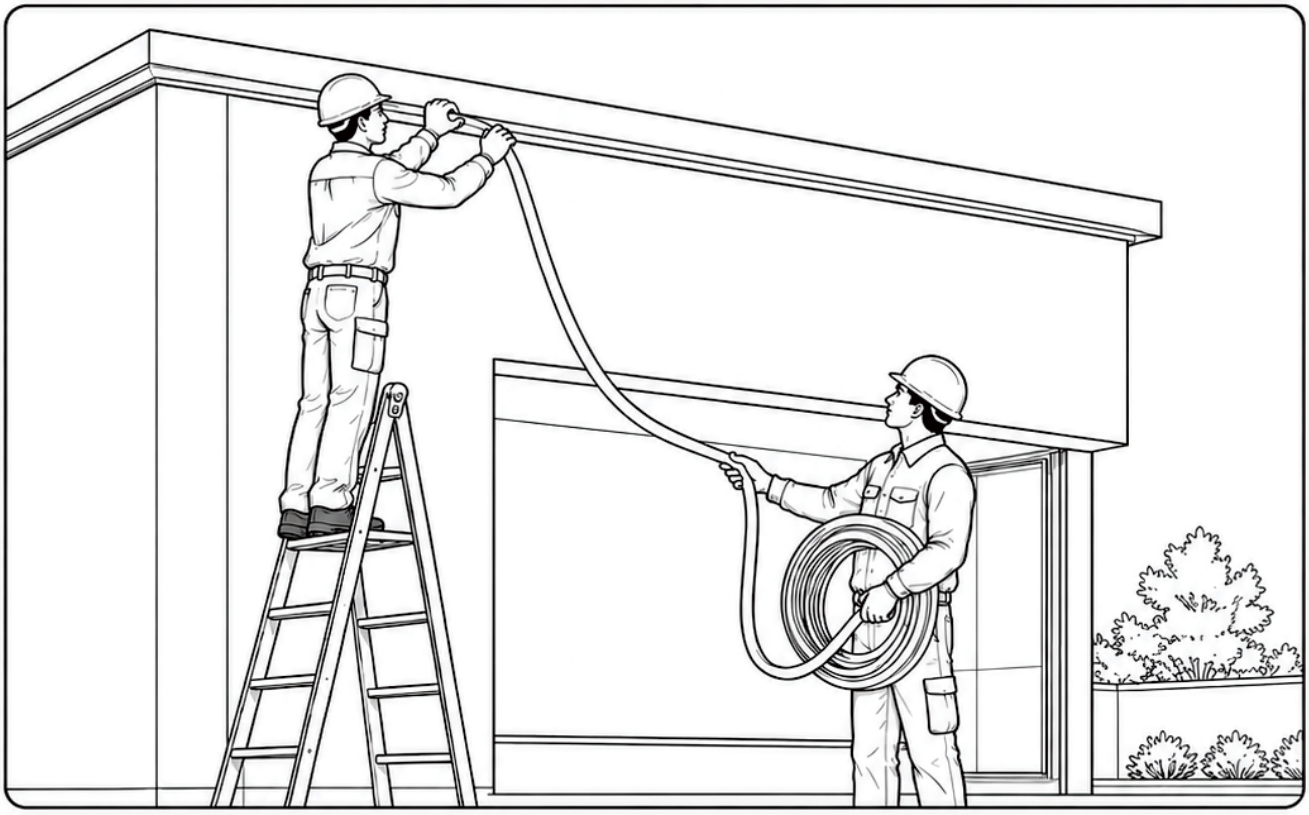
Attention: After cutting and sealing, the waterproof performance will decline.
Follow the end cap sealing steps below; proper operation can achieve a maximum IP66 waterproof rating.



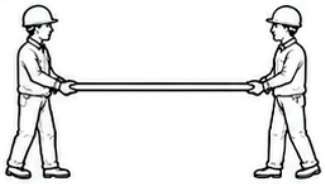
INSTALLATION ACCESSORIES

Category	Model	Description	Picture
NEON/P1010-T NEON/P1010-S	Aluminum Profile	Size:13x13x2000mm	
	3D Flexible Profile	SUS304 SUS316 Size:11x8.5mm	
	Aluminum Clip	Size:13x13x50mm	
NEON/P1010-Tri	Aluminum Profile	Size:13.1x6.68x2000mm	
	Transparent PC	Size:13.1x6.68x25mm	
NEON/P1010-T NEON/P1010-S NEON/P1010-Tri	Input cap	 Side	 Direct  Bottom
	End cap		
	Waterproof barrier ring		

LONG-LENGTH NEON STRIP INSTALLATION GUIDE



RECOMMENDED



- Two-person installation is recommended.

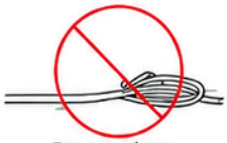


- Keep the remaining light strip properly supported, neatly arranged, and fed forward gradually during installation.

DO NOT



Do not allow the strip to hang unsupported.



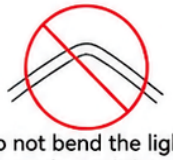
Do not drag the light on the ground.



Do not twist the light strip.



Do not tie the light into knots.



Do not bend the light beyond its **minimum bending radius***.



Do not leave the light loosely coiled or tangled.

*Minimum bending radius: Refer to the BENDING DIAGRAM in the datasheet.

Proper two-person installation helps ensure a smooth installation process, prevent product damage, and achieve a clean, professional finish.

