



Allumio

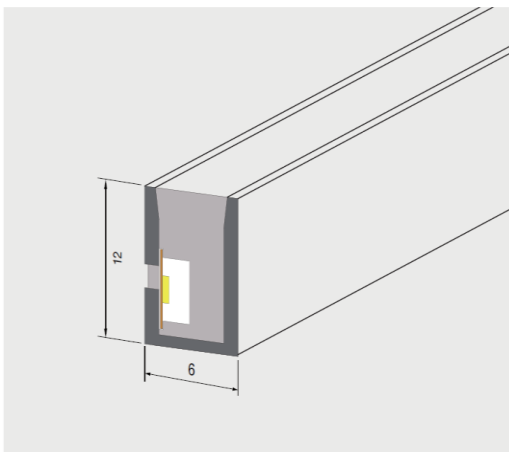
Lighting Design

Neon 612 Series



Neon 612 Series

The Neon 612 Series is a sophisticated side emitting LED Neon Flex and a more durable alternative to LED tape. This is a great option where visible as it has a soft and uniformed luminance with no light spot.



Size(mm)

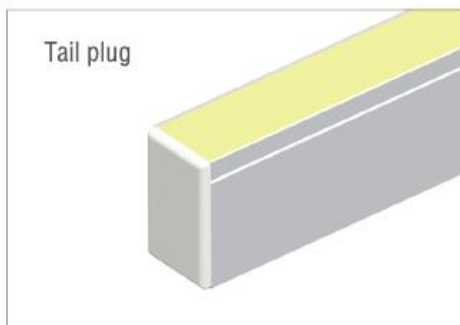
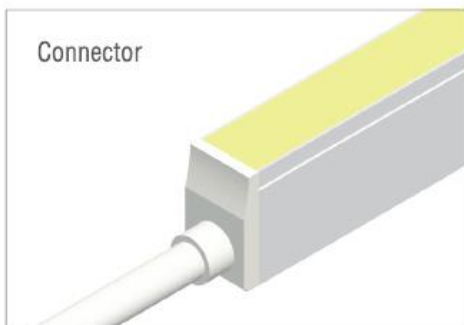
- Built for extreme environments
- 10 Watts (W/M)
- DC24V
- CRI>80
- Cree chip 2835
- 3 Step MacAdam Ellipse
- Size (mm) 6 x 12
- Working Temperature -20 ~ 50°C
- IP67
- 3 year warranty

Neon 612 Series

Neon 612 Series compared with PVC flexible LED strip

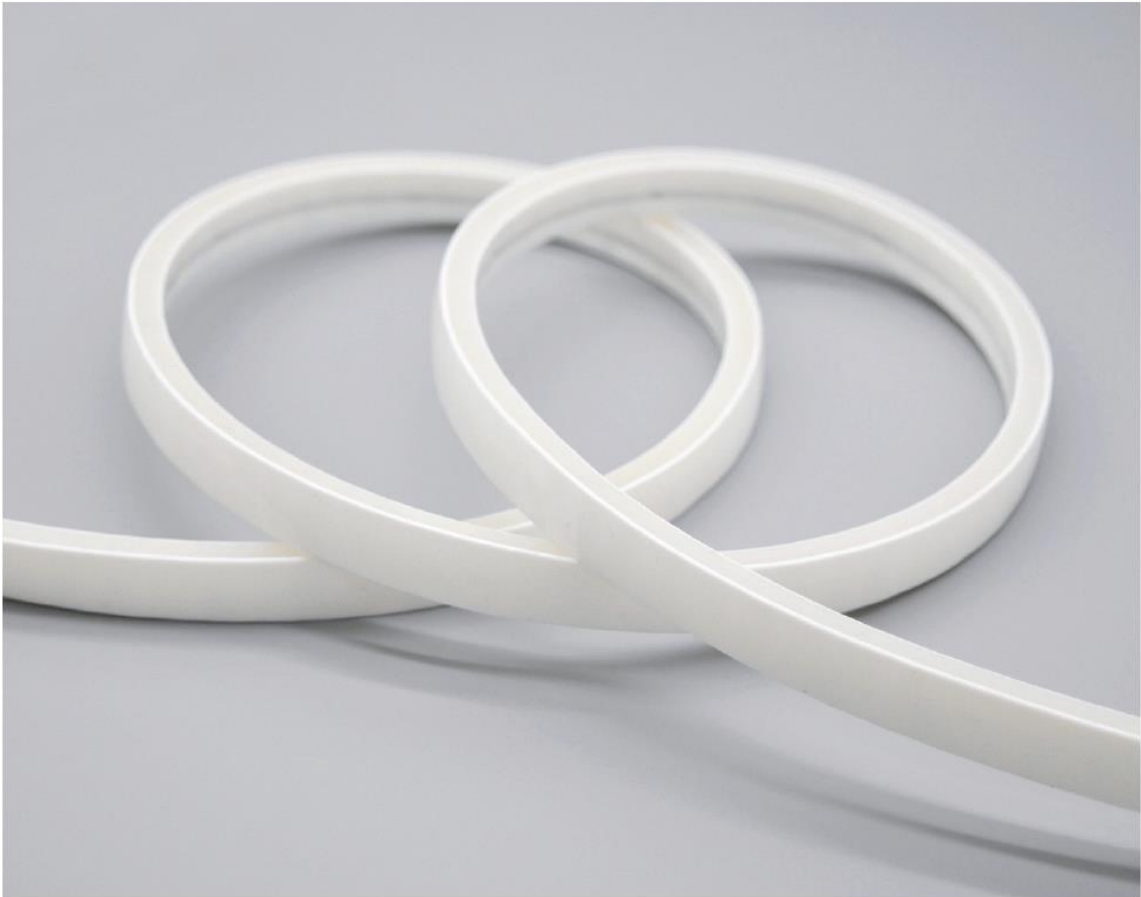
Materials	Silicone flexible led strip	PVC flexible led strip	Notes
Main parameters			
Colloid features in -40℃	No crack after 30 days	Totally cracked	The low temperature resistant of silicone is superior than PVC or epoxy materials
Colloid features in 120℃	No obvious change after 72 hours	Colloid changed into yellow and deformed after 2 hours	The high temperature resistant of silicone is superior than PVC or epoxy
Colloid features in 180℃	No obvious change after 72 hours	Colloid changed into brown and some melted after 20 minutes	Over 150℃ , PVC is easily hydrolyzed, Viscosity becomes weaken and easily seperated
Steadily lighted in Seawater for 72 hours	No obvious change	Serious atomization on the surface	The waterproof grade of silicone led strip can reach to IP67, high resistance to acidic alkali and salt properties
Thermal conductivity	Good thermal conductivity	No thermal conductivity	Pvc and epoxy cannot conduct heat, while silicone has good thermal conductivity

Injection-moulded connector



Connects light to power supply with pre-installed bottom feed cable, cable length available in 0.3m.

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ALLUMIO NEON 612 TAPE LIGHTING

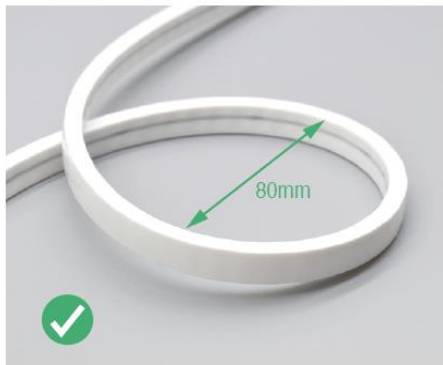
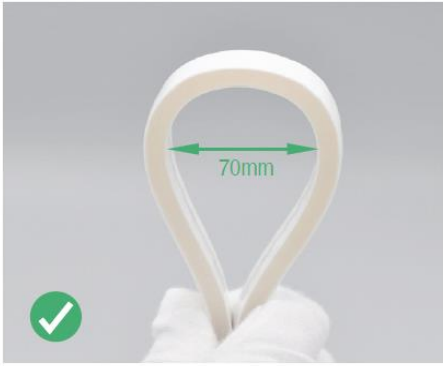
WATTAGE	10w		
BEAM ANGLE			
Luminous	230lm	240lm	260lm
CCT	3k 3100k	4k 4200k	6k 6200k

Code Chart

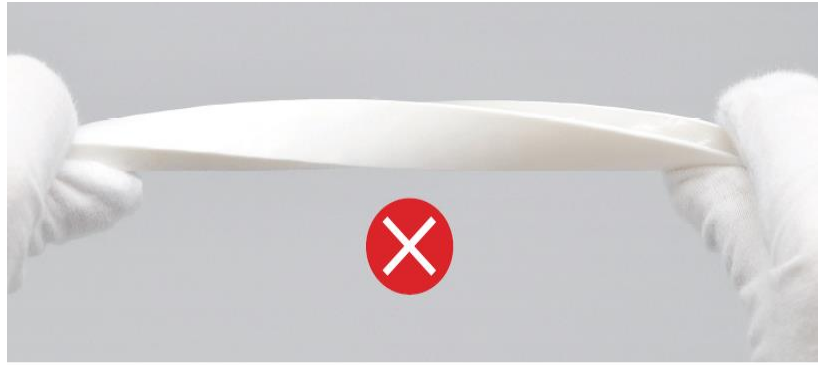
Range Name	Wattage	Colour Temperature	Luminous
NEON612 -	10	4	240
NEON612-104240			

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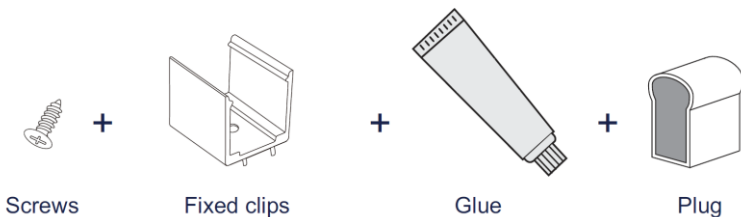
Correct bending



Incorrect bending



Installation Accessories



Mounting Clip



Also available in 1m lengths

