



LED NEON FLEX SPECIFICATION

IP68 PU NEON 1220 24V SIDE VIEW



Note: LEDYI may change product specifications and installation guidance without prior notice.

IP68 PU NEON 1220 24V SIDE VIEW

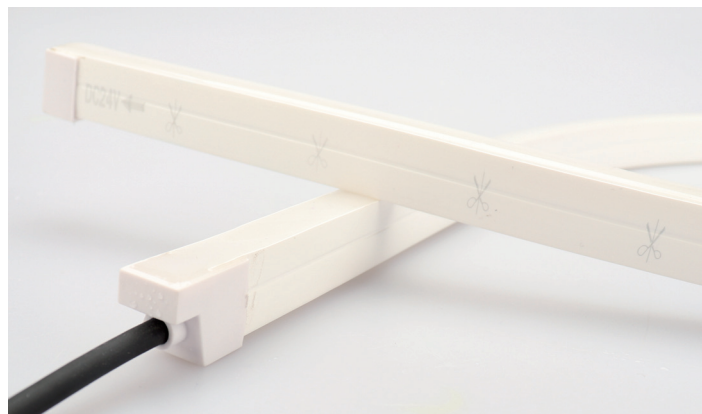
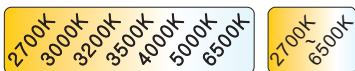


IP68 polyurethane protected against water, salt water and UV radiation

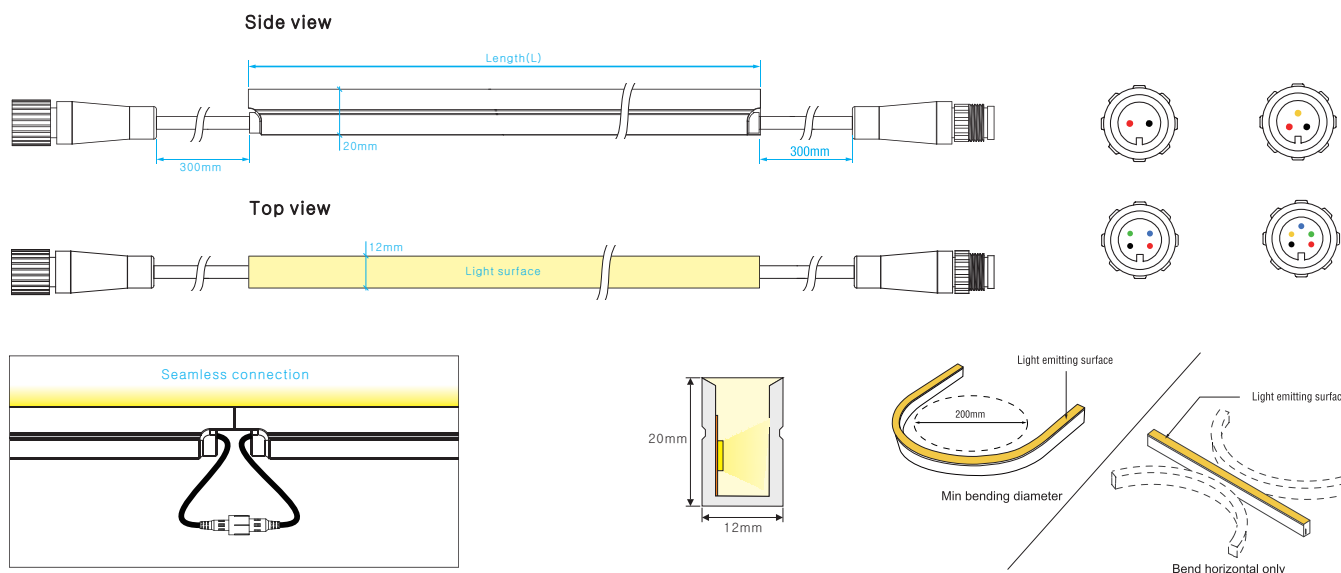
Regular power 5W/m, 10W/m and 15W/m for option

Max serial connection length 21 meters with one end power

Seven CCT optional from 2700K to 6500K, CRI>80



Dimensions & Waterproof



Product specification

Voltage	DC24 V
CRI/Ra	>80
Ambient temperature	-25°C~60°C

Note:

Customized length (not cuttable):
Single color: $L_{min}=152.1\pm 11\text{mm}$; $L_{max}=5027\pm 19\text{mm}$; in 41.7mm increments
Tunable color: $L_{min}=177\pm 11\text{mm}$; $L_{max}=5027\pm 19\text{mm}$; in 50mm increments
RGB/RGBW: $L_{min}=241.29\pm 11\text{mm}$; $L_{max}=5027\pm 19\text{mm}$; in 71.43mm increments

White color parameters

Part Number	CCT (K)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
		(lm/m)	(max serial run)	(lm/m)	(max serial run)	(lm/m)	(max serial run)
▶ NP-S1220-W27	2700K $\pm 10\%$	314	21m	610	13m	906	10m
▶ NP-S1220-W30	3000K $\pm 10\%$	324	21m	630	13m	936	10m
▶ NP-S1220-W32	3200K $\pm 10\%$	324	21m	630	13m	936	10m
▶ NP-S1220-W35	3500K $\pm 10\%$	324	21m	630	13m	936	10m
▶ NP-S1220-W40	4000K $\pm 10\%$	330	21m	640	13m	950	10m
▶ NP-S1220-W50	5000K $\pm 10\%$	330	21m	640	13m	950	10m
▶ NP-S1220-W65	6500K $\pm 10\%$	330	21m	640	13m	950	10m

Tunable color parameters

Part Number	CCT (K)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
		(lm/m)	(max serial run)	(lm/m)	(max serial run)	(lm/m)	(max serial run)
▶ NP-S1220-TW	2700K±10%	173	8m	334	5m	486	3m
▶ NP-S1220-TW	6500K±10%	169	8m	338	5m	492	3m
▶ NP-S1220-TW	(2700K+6500K)±10%	337	8m	654	5m	952	3m

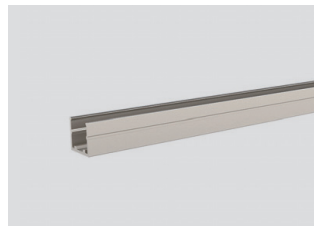
RGB & RGBW color parameters

Part Number	Color (nm)	Low power(5w/m)		Medium power(10w/m)		High power(15w/m)	
		(lm/m)	(max serial run)	(lm/m)	(max serial run)	(lm/m)	(max serial run)
▶ NP-S1220-R	Red(620-625nm)	94	21m	182	13m	265	10m
▶ NP-S1220-G	Green(515-525nm)	181	21m	352	13m	476	10m
▶ NP-S1220-B	Blue(460-465nm)	43	21m	84	13m	114	10m
▶ NP-S1220-A	Yellow(585-595nm)	94	21m	183	13m	267	10m
▶ NP-S1220-P	Pink	131	21m	254	13m	370	10m
▶ NP-S1220-RGB	RGB	121	8m	235	5m	342	3m
▶ NP-S1220-RGBW	RGBW	264	8m	512	5m	746	3m

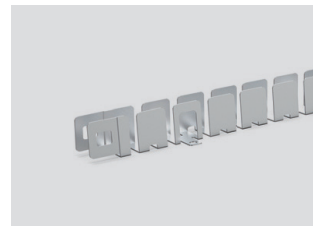
Accessory & Installation



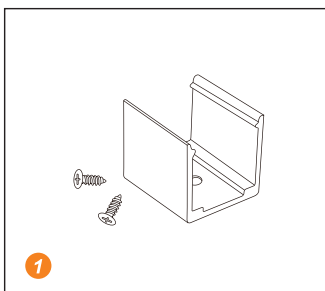
Stainless mounting clip
15x13.8x12.8mm
(L x W x H)



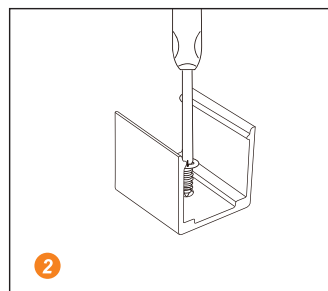
Aluminum channel
1000x14.4x21.4mm
(L x W x H)



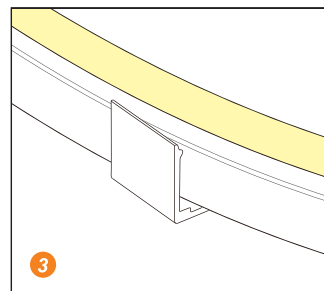
Bending stainless mounting clip
500x26.4x18mm
(L x W x H)



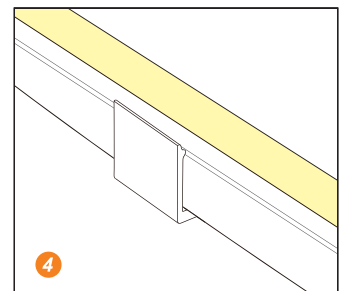
1 Prepare the screws and mounting clips



2 Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

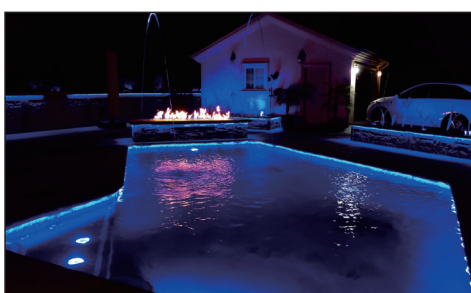


3 Put the light emitting surface upwards, then insert the LED strip into the fixed clips.



4 Fix NEON strip completely into the fixed clips.

Application



Pool lighting



Boat and Marine lighting



Outdoor lighting