



LED NEON FLEX SPECIFICATION

IP67 BLACK NEON 1615 24V TOP VIEW



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

IP67 BLACK NEON 1615 24V TOP VIEW



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

Max length 5 meters with one end power

Unique black silicone body

Six CCT optional from 2100K to 4000K

2100K
2400K
2700K
3000K
3500K
4000K

2700K
5400K

R

P

G

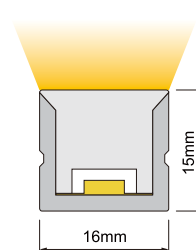
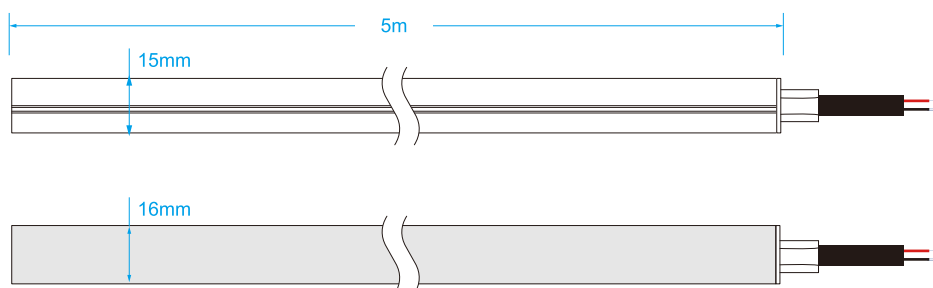
B

Y

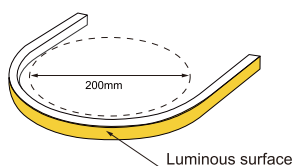
RGB



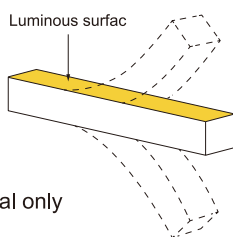
Dimensions & Waterproof



Across section size's picture



Min bending diameter



Bend vertical only

Electrical Parameter

Voltage	DC24V
LED PIN Temperature	Max. 65°C
Storage Temperature	-25°C ~ 60°C
Ambient Temperature	Min. -25°C Max (Table below)
CRI	>90

Specification

Power	5 w/m	10 w/m	15 w/m
Efficacy@4000K	2.2lm/w	2lm/w	2lm/w
Max Ambient Temperature	55°C	45°C	35°C

Due to the tolerance of the production and electrical components,output value and electrical power can vary up to 10%

Single color parameters

Part Number	CCT (K)	Unit cut (mm)	CV/CC	Low power(5w/m) (lm/m) (max length)		Medium power(10w/m) (lm/m) (max length)		High power(15w/m) (lm/m) (max length)	
▶ NS-T1615B-W21	2000-2200K	50	CV	10.3	5m	19.5	5m	27.8	5m
▶ NS-T1615B-W24	2300-2500K	50	CV	11	5m	20.7	5m	29.4	5m
▶ NS-T1615B-W27	2600-2800K	50	CV	11	5m	20.6	5m	29.4	5m
▶ NS-T1615B-W30	2900-3100K	50	CV	11	5m	21.1	5m	30	5m
▶ NS-T1615B-W35	3400-3700K	50	CV	10.8	5m	20.4	5m	29.3	5m
▶ NS-T1615B-W40	3800-4300K	50	CV	10.9	5m	20.7	5m	29.6	5m

▶ NS-T1615B-R	Red(620–625nm)	50	CV	5.8	5m	11.5	5m	17.3	5m
▶ NS-T1615B-G	Green(515–525nm)	50	CV	7	5m	11.3	5m	21	5m
▶ NS-T1615B-B	Blue(460–465nm)	50	CV	1.5	5m	1.5	5m	1.5	5m
▶ NS-T1615B-Y	Yellow(585–595nm)	50	CV	4.9	5m	9.6	5m	14.6	5m
▶ NS-T1615B-P	Pink	50	CV	9.1	5m	17	5m	27.2	5m

Note: CC stands for constant current, CV stands for constant voltage, max length of CV is 5m.

Tunable color parameters

Part Number	CCT (K)	Unit cut (mm)	CV/CC	Low power(5w/m) (lm/m) (max length)		Medium power(10w/m) (lm/m) (max length)		High power(15w/m) (lm/m) (max length)	
▶ NS-T1615B-TW	WW:2600–2800K	50	CV	5.4	5m	10.6	5m	15.2	5m
▶ NS-T1615B-TW	CW:5100–5700K	50	CV	5.5	5m	10.7	5m	15.4	5m
▶ NS-T1615B-TW	WW+CW:3800–4300K	50	CV	10.1	5m	20.9	5m	30.5	5m

RGB color parameters

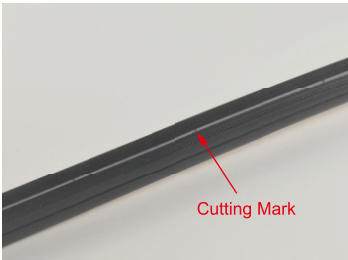
Part Number	Color (nm)	Unit cut (mm)	CV/CC	Low power(5w/m) (lm/m) (max length)		Medium power(10w/m) (lm/m) (max length)		High power(15w/m) (lm/m) (max length)	
▶ NS-T1615B-RGB	R	62.5	CV	1.8	5m	3.2	5m	3.9	5m
▶ NS-T1615B-RGB	G	62.5	CV	3.3	5m	5.2	5m	4.8	5m
▶ NS-T1615B-RGB	B	62.5	CV	0.7	5m	0.9	5m	1.2	5m
▶ NS-T1615B-RGB	RGB	62.5	CV	5.3	5m	8.7	5m	11.9	5m

Cautions

The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

Tests showed that nail and benzene substances will have yellowing effects on silicone gel;in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture , possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing of the silicone gel.

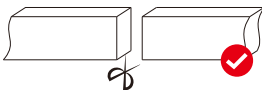
Cutting Mark



Remark:
The bottom of the led strip has transparent window, the black marker is the cutting position



Use professional scissors to cut vertically at the cutting mark



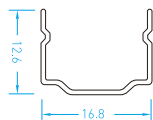
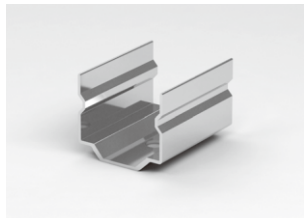
Vertical cutting precisely in the exact cutting position of led strip.



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

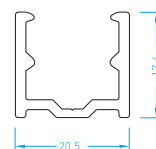
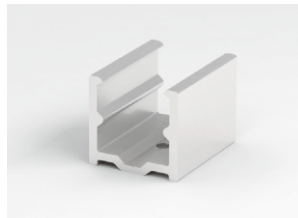
Mounting Way

Stainless Steel Mounting clips



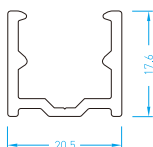
Dimension: 20x12.6x16.8mm

Aluminium Mounting clips



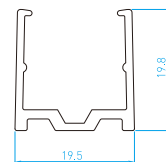
Dimension: 20x20.5x17.6mm

Aluminium Profile



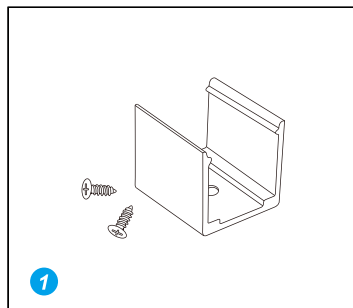
Dimension: 1000x20.5x17.6mm

transparent plastic groove

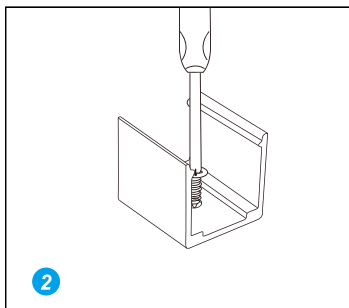


Dimension: 1000x19.5x19.8mm

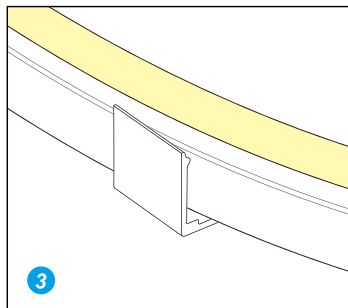
Installation



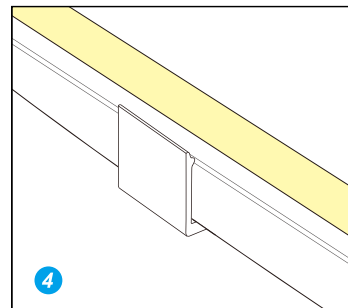
1 Prepare the screws and mounting clips



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 clip.