LED NEON FLEX SPECIFICATION

IP65 / IP67 NEON 1615 MINI CUTTING TOP VIEW

ETL
INTERTEK
C US
LISTED
CM
5000906

SGS

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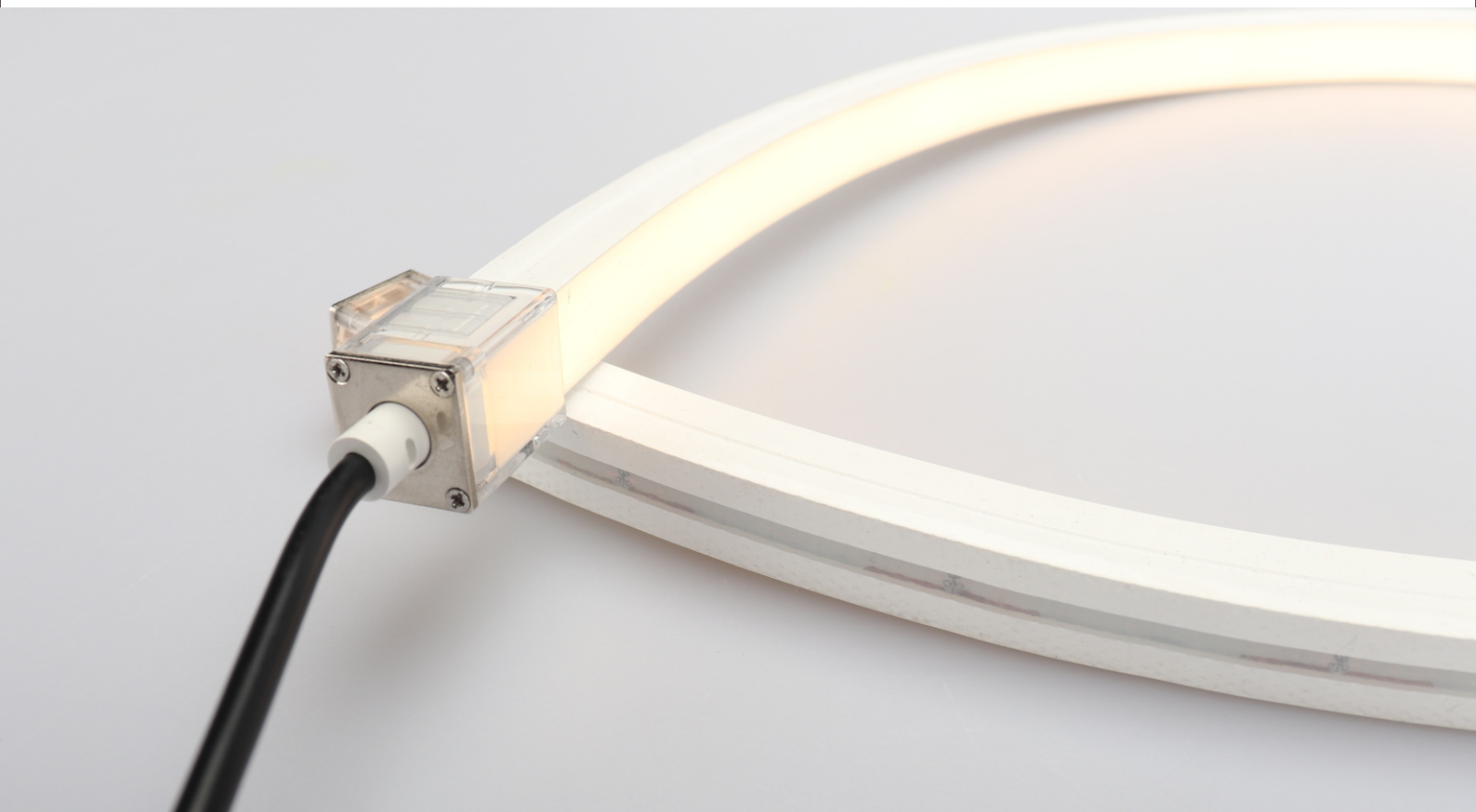
Note: LEDYI may change product specifications and installation guidance without prior notice.

- Regular power 5W/m,10W/m and 15W/m for option
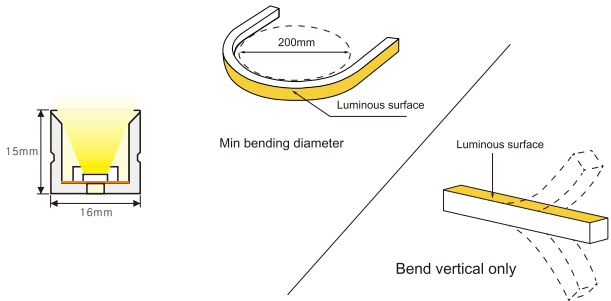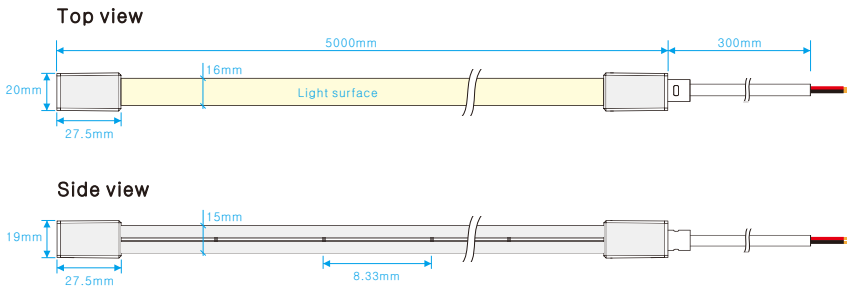- Max length 5 meters with one end power
- Soldering−free and silicone end cap
- Eight CCT optional from 2700K to 6000K

2700K 3000K 4000K 6000K

One Bin | CRI >90 | Solvent resistant | Saltwater resistant | UV protected | Cuttable | 50000 hours Lifetime | LM80 Compliant | WARRANTY 3 YEARS

Dimensions & Waterproof

Top view

5000mm · 300mm
20mm · 16mm · Light surface
27.5mm

Side view

19mm · 15mm
27.5mm · 8.33mm

15mm · 16mm

200mm
Luminous surface
Min bending diameter

Luminous surface
Bend vertical only

Product specification

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	−25°C~45°C

Polar curve (The data base on 15W 6000K)

90°
55.1
110.2
165.2
220.3
275.4
0°

C0/C180: — C90/C270: — C0: —
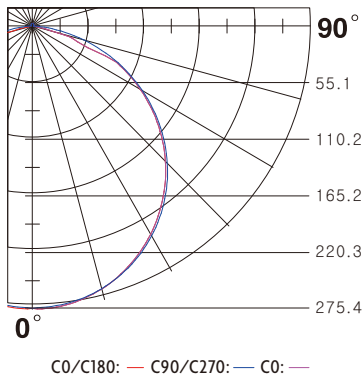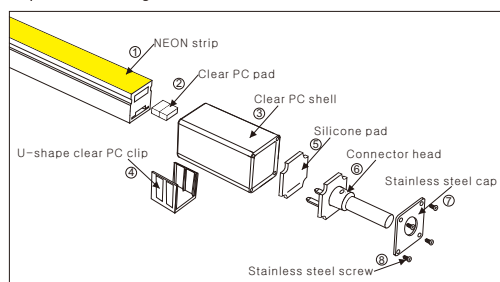
White color parameters

Part Number	CCT (K)	Low power(5w/m) (lm/m)	Medium power(10w/m) (lm/m)	High power(15w/m) (lm/m)
▸ NS−T1615−MC−W27	2600−2800K	254.62	509.25	763.87
▸ NS−T1615−MC−W30	2900−3100K	254.62	509.25	763.87
▸ NS−T1615−MC−W40	3750−4350K	266.75	533.50	800.25
▸ NS−T1615−MC−W60	5800−6500K	266.75	533.50	800.25

LEDYi

Installation of solder-free connector with cable

Explosive drawing of Solder-free connector with cable

① NEON strip
② Clear PC pad
③ Clear PC shell
⑤ Silicone pad
Connector head
④ U-shape clear PC clip
⑥
⑦ Stainless steel cap
⑧ Stainless steel screw

Cable outlet

(without cable)   (cable from end)   (cable from left)   (from right)   (cable from bottom)
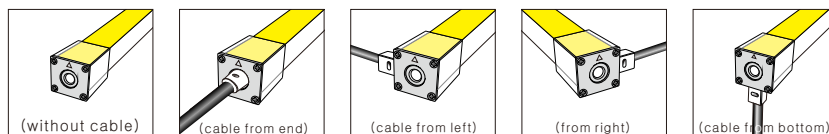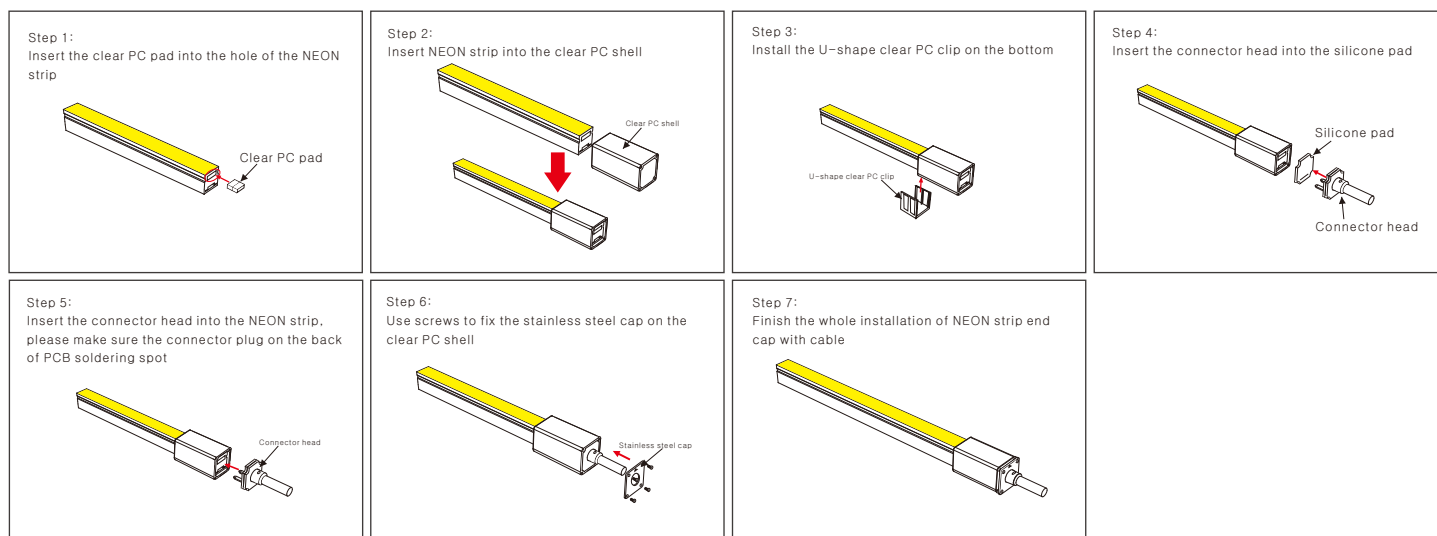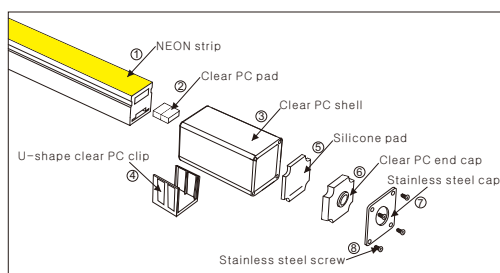
Note:
1. The same installation step suit for different outlet cable of the connector
2. Please keep the cutting place as flat as possible to achieve better waterproof effect.
3. This installation instruction is suitable of all the solder-free connector with similar structures.

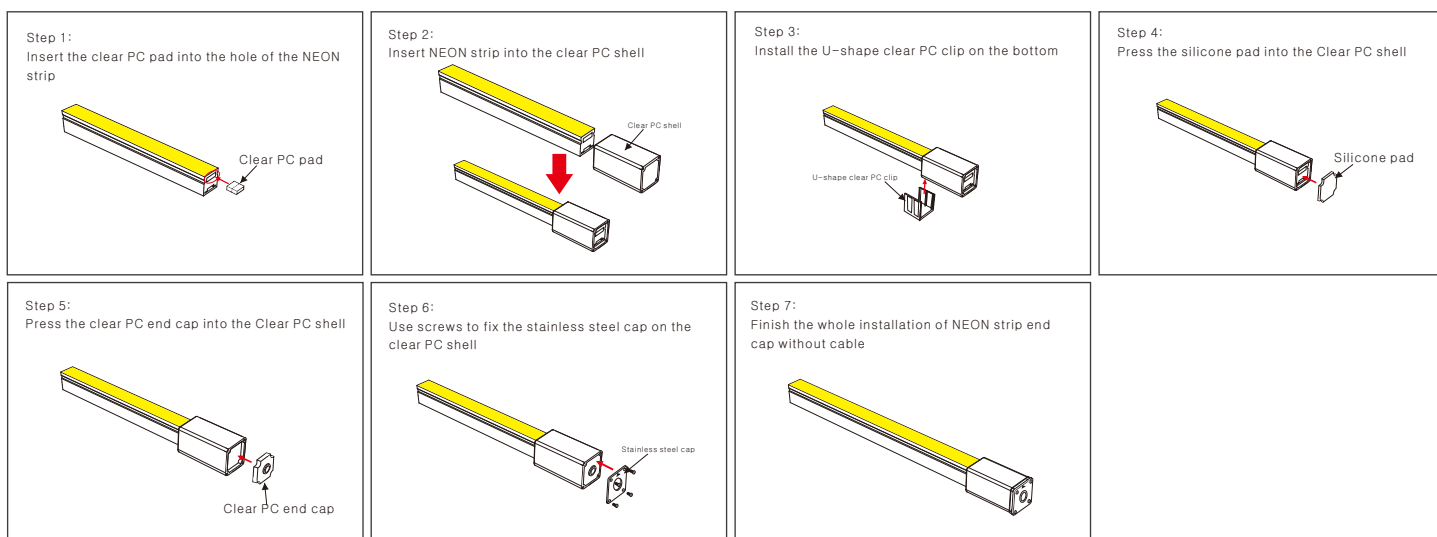### Installation instruction of Solder-free connector with cable

Step 1:
Insert the clear PC pad into the hole of the NEON strip

Clear PC pad

Step 2:
Insert NEON strip into the clear PC shell

Clear PC shell

Step 3:
Install the U-shape clear PC clip on the bottom

U-shape clear PC clip

Step 4:
Insert the connector head into the silicone pad

Silicone pad

Connector head

Step 5:
Insert the connector head into the NEON strip, please make sure the connector plug on the back of PCB soldering spot

Connector head

Step 6:
Use screws to fix the stainless steel cap on the clear PC shell

Stainless steel cap

Step 7:
Finish the whole installation of NEON strip end cap with cable

Installation of solder-free connector without cable

Explosive drawing of Solder-free connector without cable

① NEON strip
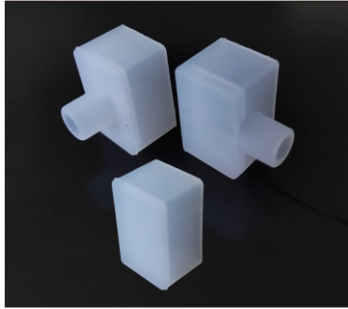② Clear PC pad
③ Clear PC shell
⑤ Silicone pad
Clear PC end cap
⑥ Stainless steel cap
④ U-shape clear PC clip
⑦
Stainless steel screw

Installation instruction of Solder-free connector without cable

Step 1:
Insert the clear PC pad into the hole of the NEON strip

Clear PC pad

Step 2:
Insert NEON strip into the clear PC shell

Clear PC shell

Step 3:
Install the U-shape clear PC clip on the bottom

U-shape clear PC clip

Step 4:
Press the silicone pad into the Clear PC shell

Silicone pad

Step 5:
Press the clear PC end cap into the Clear PC shell

Clear PC end cap

Step 6:
Use screws to fix the stainless steel cap on the clear PC shell

Stainless steel cap

Step 7:
Finish the whole installation of NEON strip end cap without cable
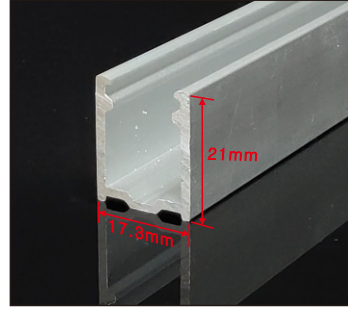
LEDYi

Accessory

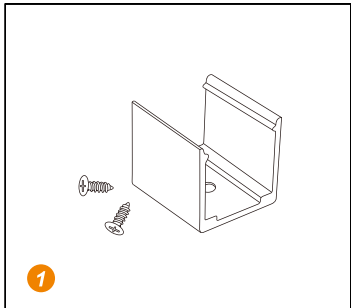IP65 Solder-free endcap

IP67 Silicone end cap

21mm
17.8mm
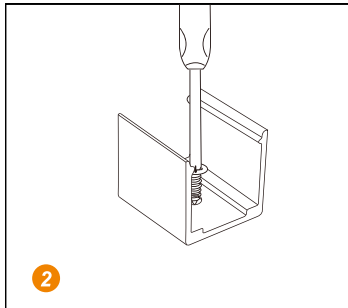Mounting clip(length: 2cm)
Mounting channel(length: 1m, 2m,3m)

Scissors with angular scale

NOTE: IP65 version, solderless endcap fix by screw, more convenient; IP67 version, silicone endcap fix by silicone glue, more reliable.
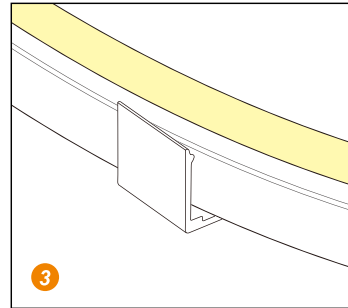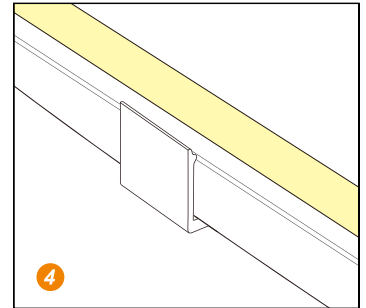
Installation

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.