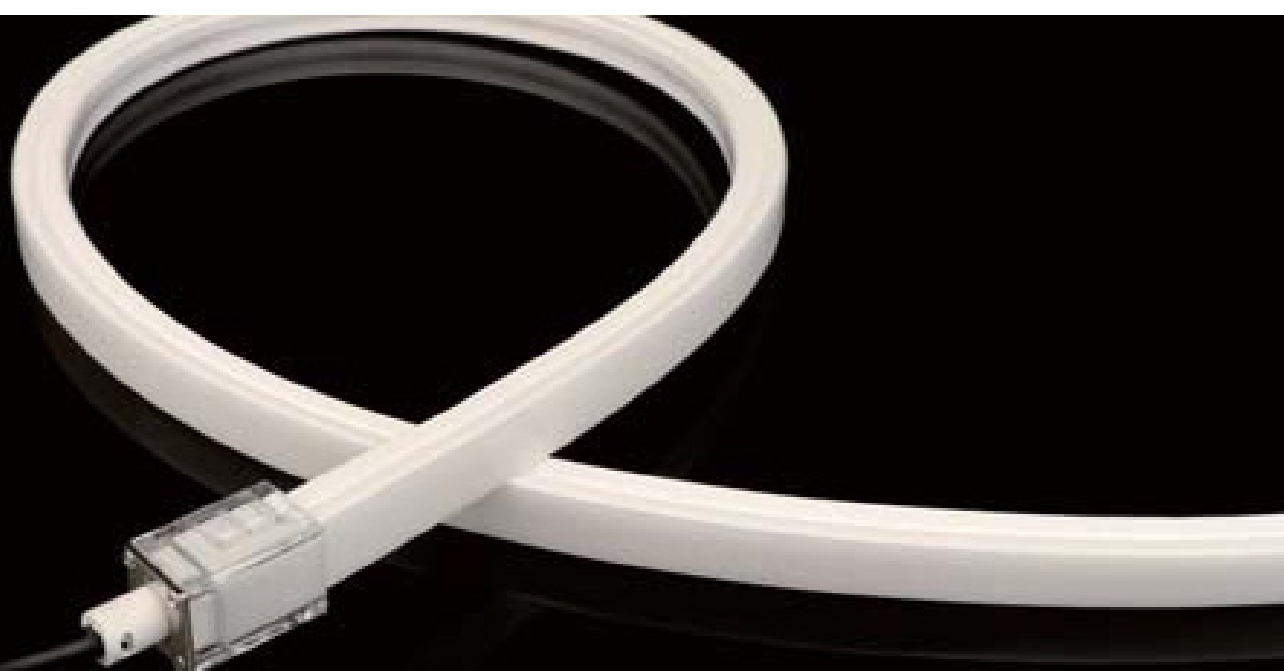


PROTECH LED

be creative



LED NEON FLEX SPECIFICATION

AN-T1212

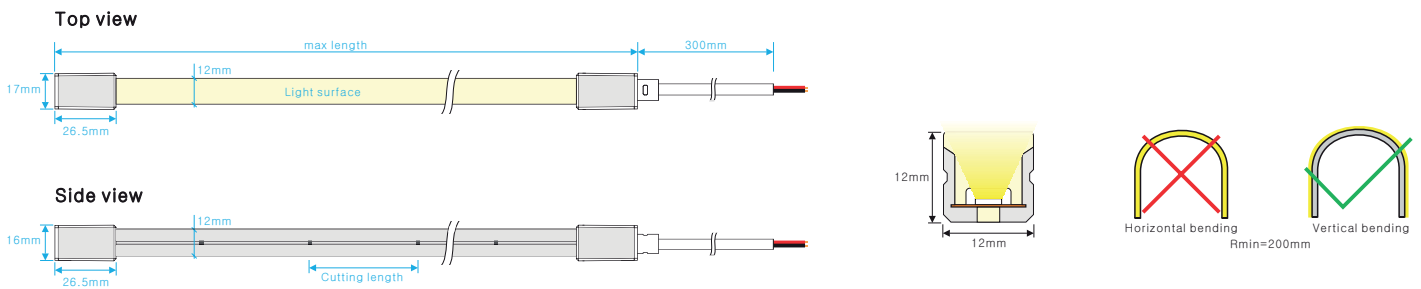


AN-T1212

Regular power 5W/m and 10W/m for option
 Max length 25 meters with one end power
 Soldering-free and silicone end cap
 Eight CCT optional from 2100K to 6150K



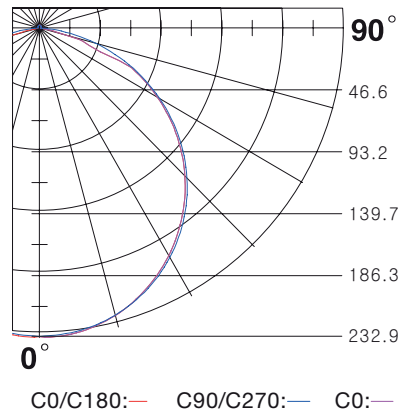
DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Voltage	DC24 V
CRI/Ra	>90
Ambient temperature	-25°C~45°C
Color Type	Cutting length (mm)
Single color	50 mm
Tunable white	50 mm
RGB color	62.5 color

POLAR CURVE (The data base on 10W6000K)



WHITE COLOR PARAMETERS

	CCT (K)	Low power (lm/m)	(5w/m) (max length)	High power (lm/m)	(10w/m) (max length)
W21	2000-2200K	290.8	19m	559.8	13m
W24	2300-2500K	289.6	19m	562.4	13m
W27	2600-2800K	349.5	19m	668.3	13m
W30	2900-3100K	329.7	19m	638.8	13m
W35	3400-3700K	354.1	19m	661.7	13m
W40	3800-4300K	347.1	19m	677.4	13m
W50	4800-5300K	346.7	19m	681.9	13m
W60	5900-6400K	336.2	19m	661.8	13m

AN-T1212

TUNABLE COLOR PARAMETERS

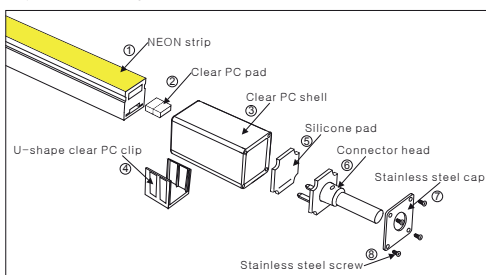
	CCT (K)	Low power (lm/m)	(5w/m) (max length)	High power (lm/m)	(10w/m) (max length)
TW	2500-2900K	151.2	5 m	314.5	5 m
TW	5000-5700K	161.2	5 m	336.6	5 m
TW	3600-4200K	316.0	5 m	646.1	5 m

RGB & RGBW COLOR PARAMETERS

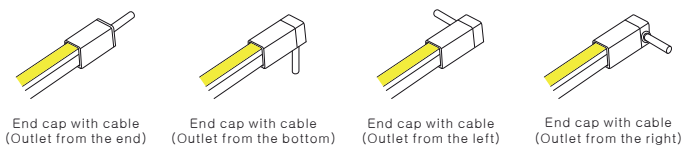
	Color	Low power (lm/m)	(5w/m) (max length)	High power (lm/m)	(15w/m) (max length)
R	Red	132.0	25 m	276.7	17 m
G	Green	374.0	19 m	703.0	13 m
B	Blue	70.0	19 m	129.0	13 m
Y	Yellow	27.9	25 m	50.7	17 m
P	Pink	143.0	19 m	278.0	13 m
RGB	RGB	174.0	5 m	288.0	5 m

INSTALLATION OF SOLDER-FREE CONNECTOR WITH CABLE

Explosive drawing of Solder-free connector with cable



Cable outlet



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.

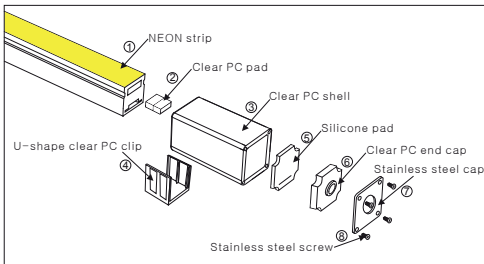
Installation instruction of Solder-free connector with cable

<p>Step 1: Insert the clear PC pad into the hole of the NEON strip</p>	<p>Step 2: Insert NEON strip into the clear PC shell</p>	<p>Step 3: Install the U-shape clear PC clip on the bottom</p>	<p>Step 4: Insert the connector head into the silicone pad</p>
<p>Step 5: Insert the connector head into the NEON strip, please make sure the connector plug on the back of PCB soldering spot</p>	<p>Step 6: Use screws to fix the stainless steel cap on the clear PC shell</p>	<p>Step 7: Finish the whole installation of NEON strip end cap with cable</p>	

AN-T1212

INSTALLATION OF SOLDER-FREE CONNECTOR WITHOUT CABLE

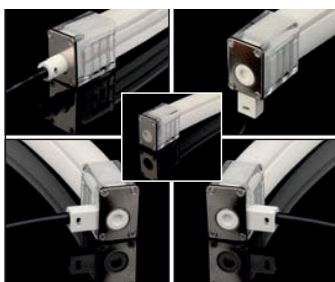
Explosive drawing of Solder-free connector without cable



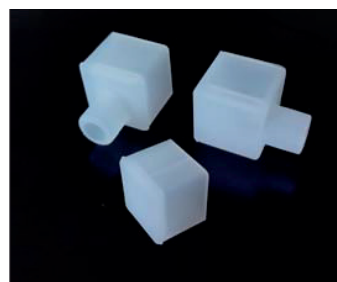
Installation instruction of Solder-free connector without cable

<p>Step 1: Insert the clear PC pad into the hole of the NEON strip</p>	<p>Step 2: Insert NEON strip into the clear PC shell</p>	<p>Step 3: Install the U-shape clear PC clip on the bottom</p>	<p>Step 4: Press the silicone pad into the Clear PC shell</p>
<p>Step 5: Press the clear PC end cap into the Clear PC shell</p>	<p>Step 6: Use screws to fix the stainless steel cap on the clear PC shell</p>	<p>Step 7: Finish the whole installation of NEON strip end cap without cable</p>	

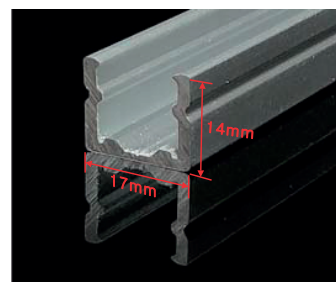
ACCESSORY



IP65 Solder-free endcap



IP67 Silicone end cap

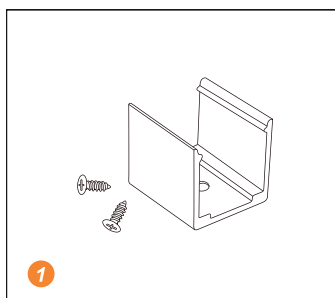


Mounting clip(length: 2cm)
Mounting channel(length: 1m, 2m,3m)

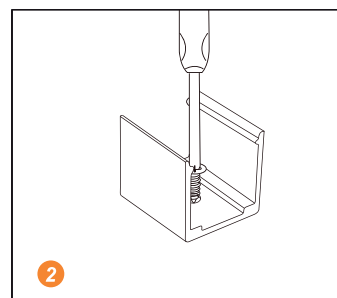


Scissors with angular scale

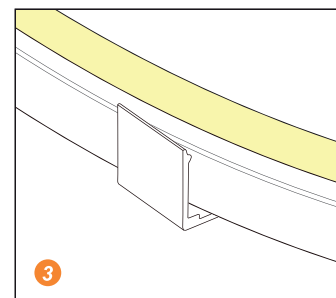
INSTALLATION



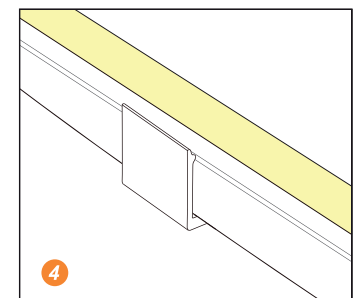
1 Prepare the screws and mounting clips



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



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



4 Fix NEON strip completely into the fixed clip.

