

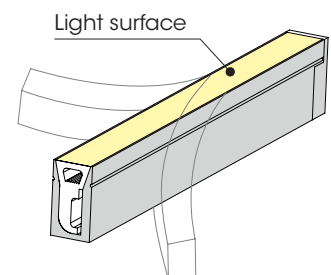
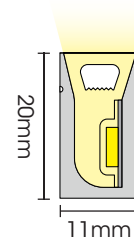
side view neon NL-1120HL-BX



BRIEF PARAMETERS

Forward Voltage:	24VDC
Power:	<15W/m
Led color:	White
Wave length:	2700-6000K
Width:	11mm
Thickness:	20mm
Min. Bending diameter	≥120mm
IP grade	IP67 / IP65 (Depending on the connectors used: factory or mounted)

SIDE VIEW
Horizontal Bending
Horizontal bending against
the light surface



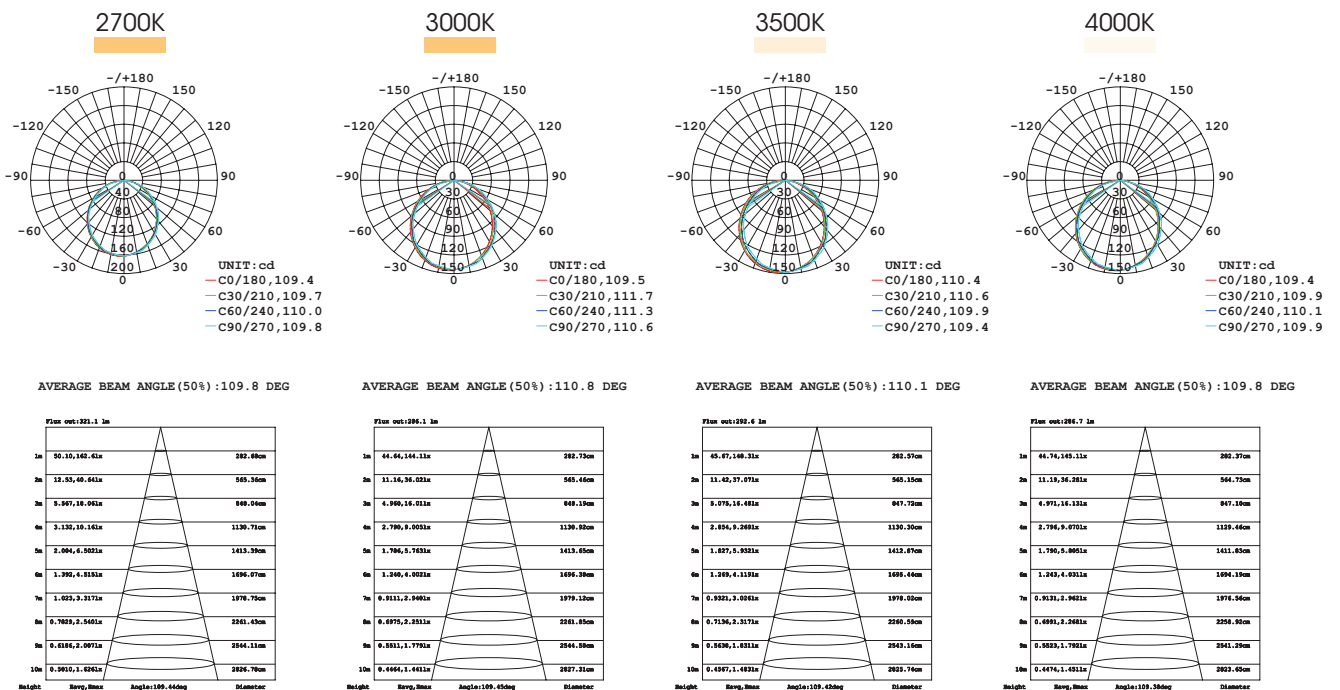
PRODUCT FEATURES

- **Freely cutting Neon flex, greater flexibility to customized length.**
- Dimension: 11x20mm.
- Led strip inside: 160led/m SMD2835.
- IP67 silicon extrusion neon flex, horizontal bending.
- Perspective marking precisely with 100% accurate: we're the first one to use the perspective marking machine to make neonflex in error-free cutting point.
- With matte treatment, smooth surface and dustproof.
- Same width end cap as the strip.
- Power cord with 3 directions: Straight powered, side powered, back powered.
- Special design, still works however inner FPC board damaged in one or more pieces.
- Constant voltage design, Max.run (single end feed): 5m/pcs, freely cutting with the fast connectors.

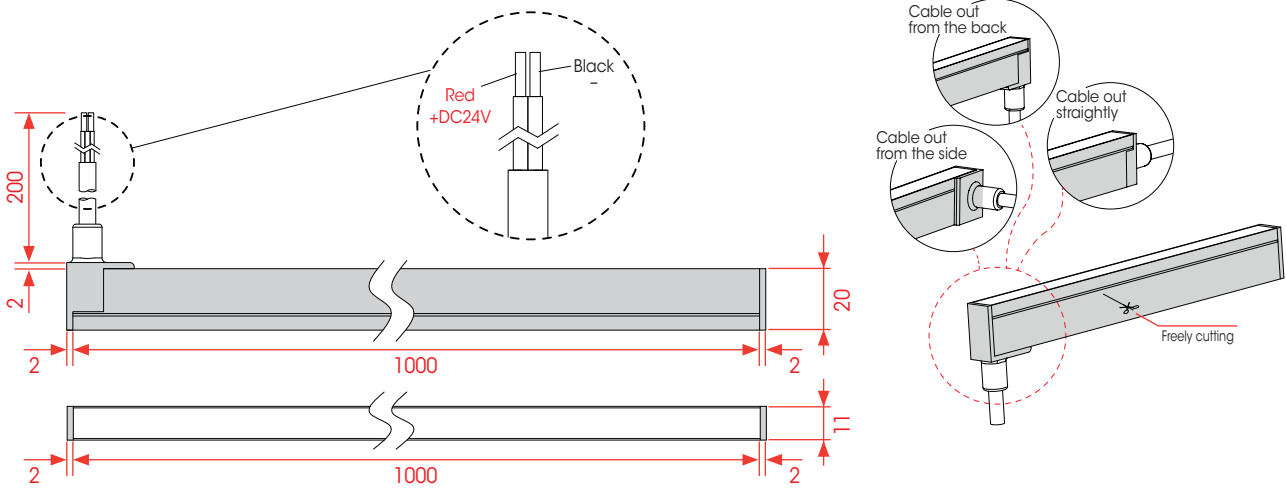
OPTICAL PARAMETER

Item	Color/CCT	Lumen/m	Power/m	Voltage	Light efficiency	CRI (Ra)	Max. Run (single end feed)	Minimum section	Color tolerance
NL-1120HL-BH	2700K	235Lm	<15W	24VDC	16Lm/W	90+	5m	Freely cutting	SDCM<6
NL-1120HL-BC	3000K	240Lm	<15W	24VDC	16Lm/W	90+	5m	Freely cutting	SDCM<6
NL-1120HL-BN	4000K	255Lm	<15W	24VDC	17Lm/W	90+	5m	Freely cutting	SDCM<6

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

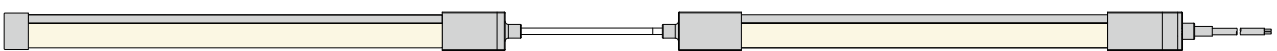


DIMENSIONS AND OUTLET DIRECTION
Unit:mm



Notice: End cap with the same width as the tape light.

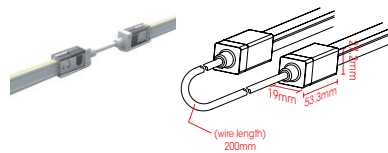
CONNECTING ACCESSORIES (IP65)



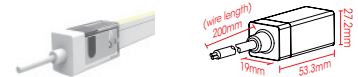
Initial cap with straight cable hole
NL-1120H-CAP1 / NLT-1120H-CAP-1



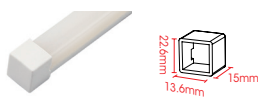
Intermediate connection
NL-1120H-JOIN



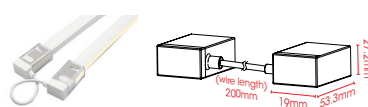
Straight initial connection
NL-1120H-WIRE-I



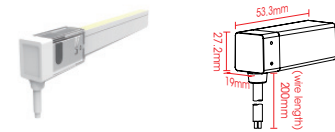
Assembly end cap
NL-1120H-CAP2 / NLT-1120H-CAP



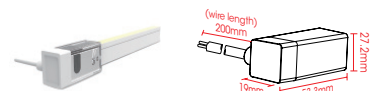
Intermediate connection
NL-1120H-JOIN-I



Bottom initial connection angled
NL-1120H-WIRE-LI

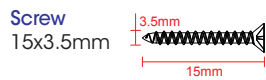
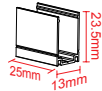


Left side initial connection angled
NL-1120H-WIRE-LL

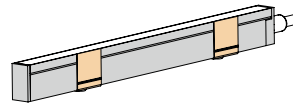


INSTALLATION ACCESORIES

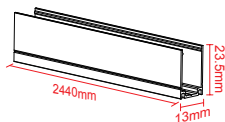
Aluminium Buckle - NL-1120H-CLIP
13x23.5 x25mm



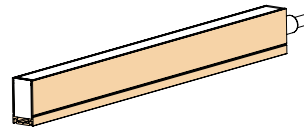
Lenght	1000mm
Buckle	4pcs
Screw	4pcs



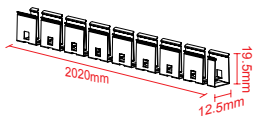
Aluminium profile - NL-1120H-PF-AL
13x23.5x2440mm



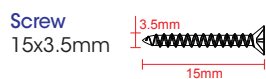
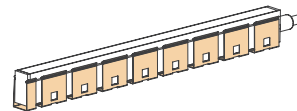
Lenght	2440mm
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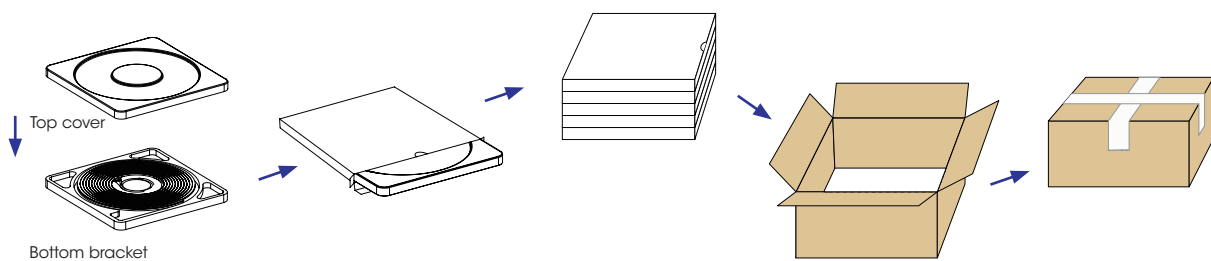
Bendable serrated profile - NL-1120H-PF-S
12.5x19.5x1000mm



Lenght	2020mm
Screw	6pcs



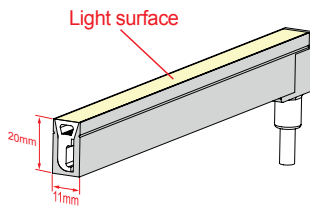
PACKAGING



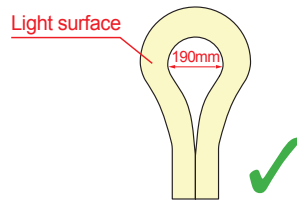
Light length	Plastic box dimension	White box dimension	Numbers of white box	Carton dimension
1m	275x275x30.5mm	275x35x275mm	40pcs	570x570x380mm
5m	385x385x35mm	390x40x390mm	10pcs	410x410x430mm
10m	480x480x35mm	485x40x485mm	5pcs	505x505x230mm

NEON LED STRIP INSTRUCTION AND CAUTION

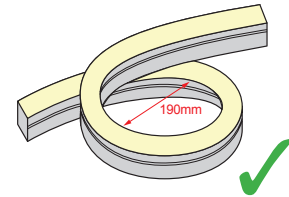
Light Profile



Correct bending way

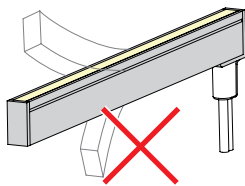
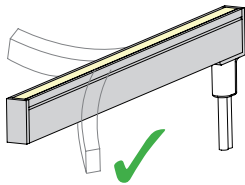


Face to the light surface
fold the strip, the minimum
bending diameter is 190mm.

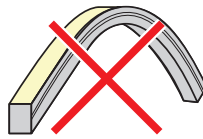


Light surface upwards, the
strip is bendable to right or
left naturally, the minimum
bending diameter is 190mm.

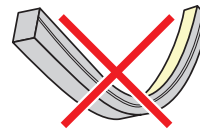
Bending direction Profile



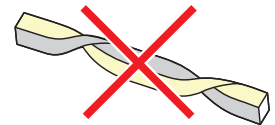
Incorrect bending way



Face to the side surface,
(as the picture shows)
Do not bend downward to
damage the strip.



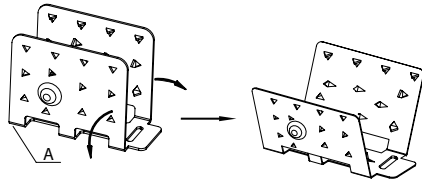
Face to the side surface,
(as the picture shows)
Do not bend upward to
damage the strip.



(as the picture shows)
please do not twist
the strip, or it will be
damaged.

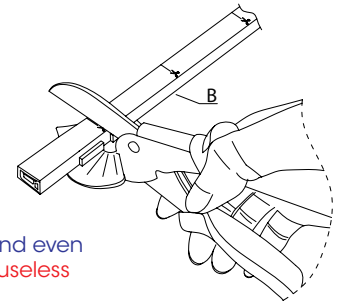
CUTTING AND CONNECTING METHOD OF SIDE-VEIW NEONFLEX LED STRIP
End cap with cables | Size 11x20mm

1



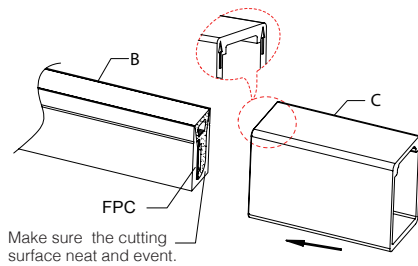
Force apart the two sides of metal clip A outwards around 20 degree according to the direction of arrow with hands.

2



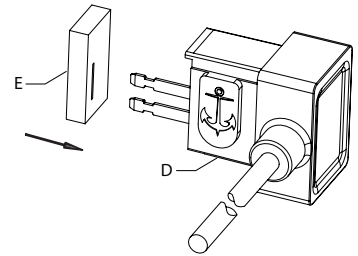
Cut off the light strip B neat and even (Note: otherwise, it would be useless in water proofing) with a flat scissor following the cutting line.

3



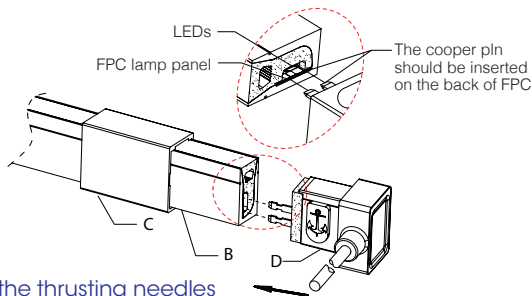
Stick transparent kit C in Neon light strip B according to the direction of arrow, pay more attention to the position of FPC of Neon light strip and the direction of arrow on transparent kit.

4



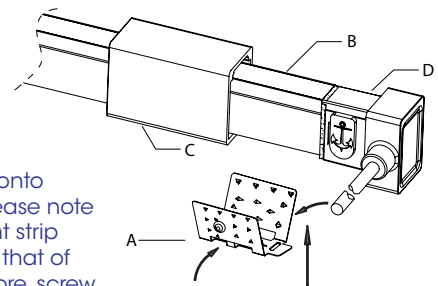
Insert the silicon cushion E into thrusting needles on plug D according to the direction of arrow.

5



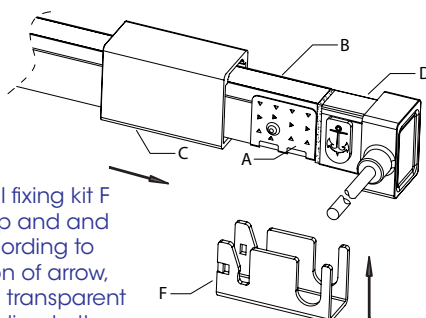
Insert the thrusting needles D on plug into the bottom of FPC of Neon light strip B.

6



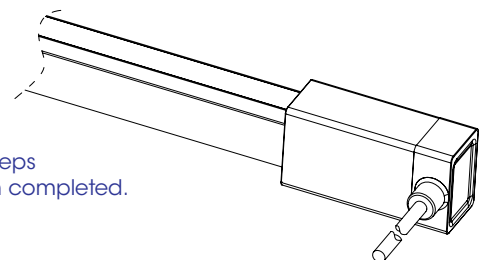
Clamp metal clip A onto Neon light strip B. Please note that the edge of light strip should be neat with that of metal clip. Furthermore, screw up metal clip A according to the direction of arrow.

7



Stuck metal fixing kit F in metal clip and and plug D according to the direction of arrow, then fasten transparent kit C according to the direction of arrow towards the location of plug.

8



The assembly steps shall have been completed.