



- Mini size 8x8mm
- Free cutting

Technical details

Product No.	A41N080806xx
Led Q.ty (LEDs/m)	238
Led Type	2216
Power (W/m)	6
Voltage (V)	24 ±3%
Current (mA/m)	250
CRI (Ra)	≥ 90
Lenght/Reel (m)	5
Water-proof rating	IP67
Beam angle	120°

Non-directional or directional light source:	Non-directional (NDLS)
Mains or non-mains light source:	Non-mains (NMLS)
Dimmable:	Only with specific LED drivers
Cables type:	Silicone 20AWG 35cm white/grey (double ended)
Pcb material:	COPPER
Protection against electric shock:	Class III
Version:	Integral
Safety isolating:	See electronic controlgear
Lumen maintenance factor:	96%
Survival factor:	100%
Nominal lifetime LM-80:	L70 B50 >54000 h
Photobiological Safety (Blue light hazard) according to IEC TR 62778:	Risk Exempt (RG0 group)

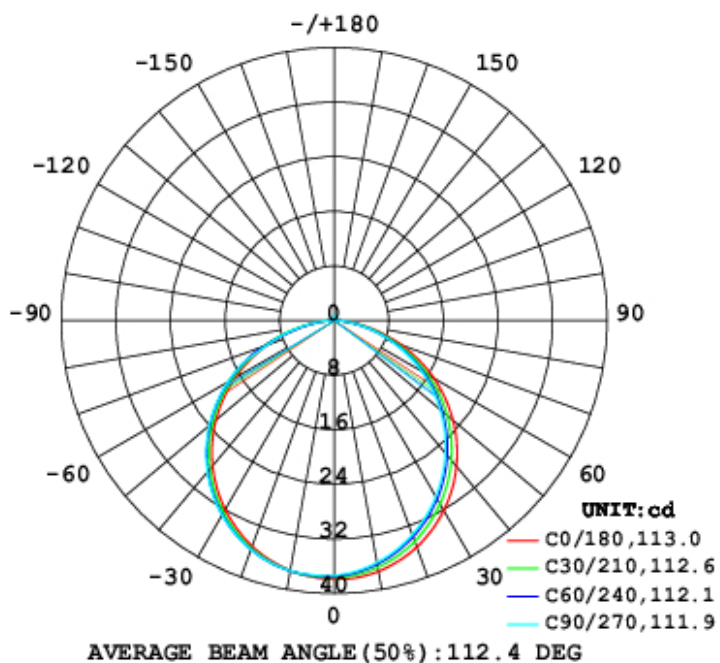
Lumens per meter

Color Temperature	A41N080806xx
2700K	285 lm
3000K	300 lm
4000K	310 lm

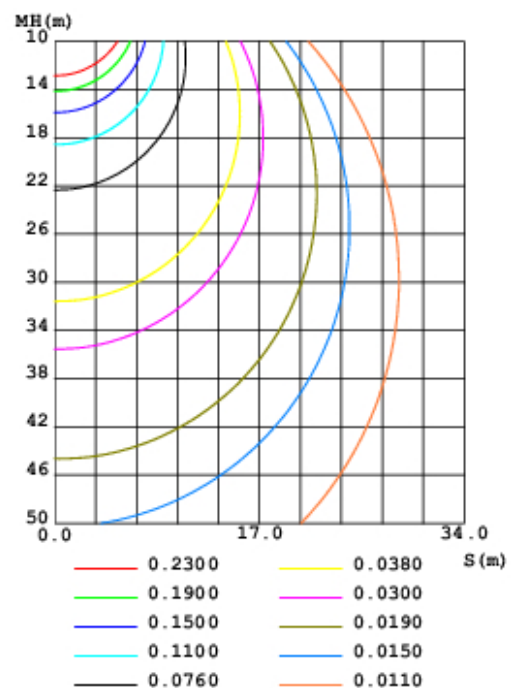
- Note: "xx"="27"(2700K)/"30"(3000K)/"40"(4000K)
- Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

Light distribution

LUMINOUS INTENSITY
DISTRIBUTION DIAGRAM



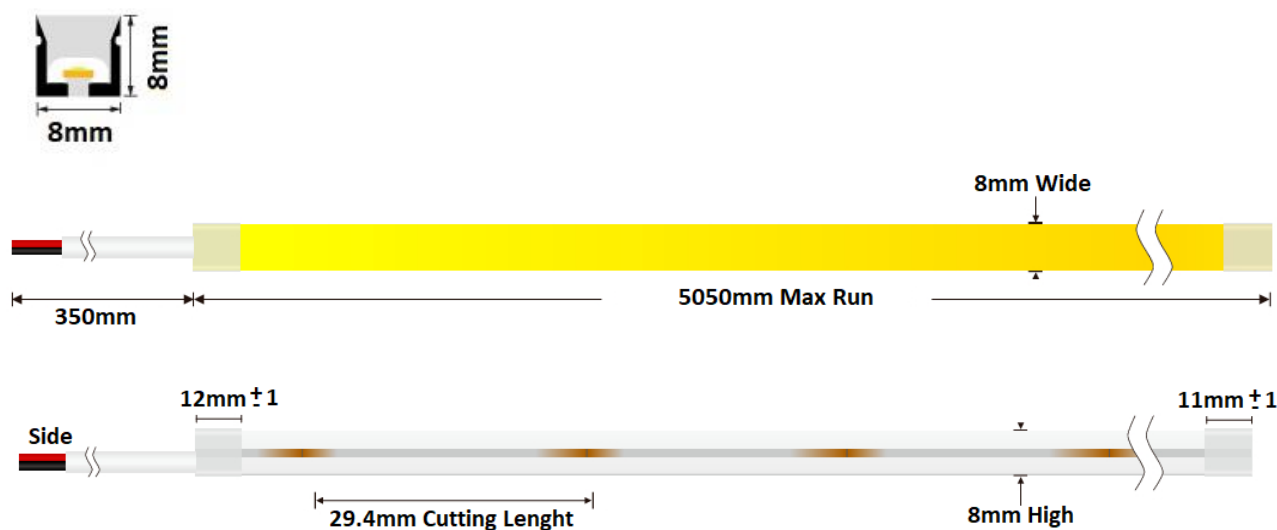
C0 PLANE ISOLUX
DIAGRAM (UNIT:lx)



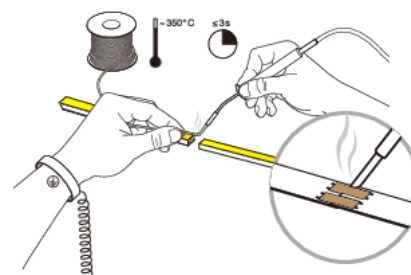
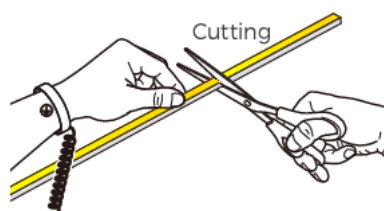
Working conditions

Working Temperature (°C)	-25 ÷ 60
Storage Temperature (°C)	-30 ÷ 80
Voltage Range (V dc)	23 ÷ 25
Reverse Voltage (V dc)	25
Reference temperature (Tc)	80° C

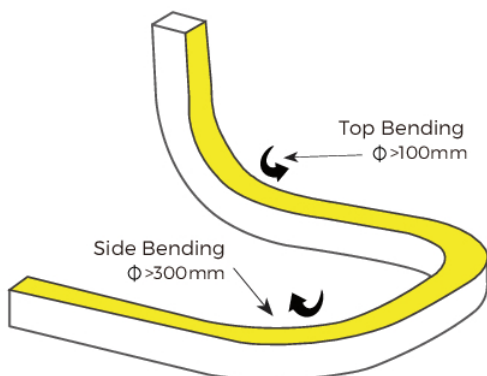
Dimensions and cutting



Free cutting.
If soldered wire connection is needed, please, identify the wright pad position before cutting.



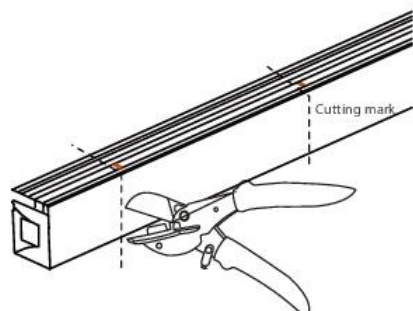
Correct bending way



Installation

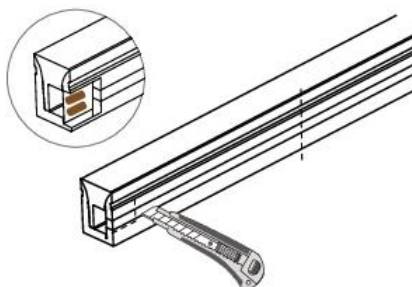
Cutting

- ① Cut the NEON strip at the required length



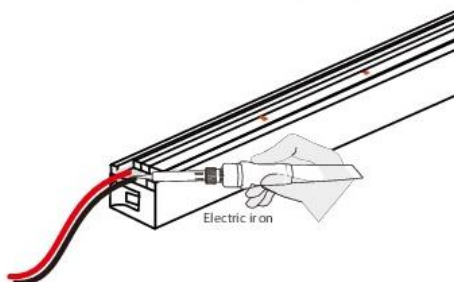
⚠ Cut at cutting mark only

- ② Cut the side of NEON strip exposing the soldering pad

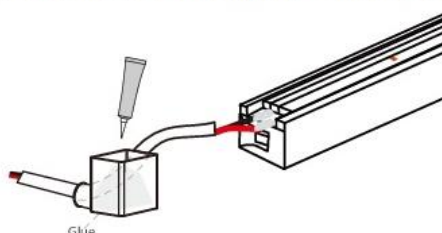


Soldering

- ① Solder cable wires on pcb pads



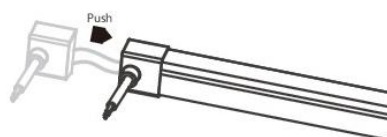
- ② Put the wire through the end cap and inject glue



⚠ Optimum glue quantity between 1/3-1/2 of end cap capacity

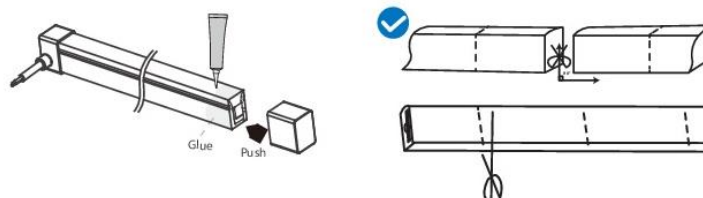
Installing end cap

- ① Push the end cap and wrap it around end of NEON strip



After the glue is injected, the NEON strip needs to be laid flat for 2 hours minimum before further processing

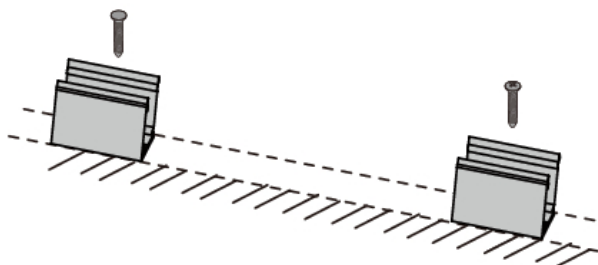
- ② Apply gel around the tail of NEON strip and install the end cap



⚠ After the glue is injected, the NEON strip needs to be laid flat for 2 hours minimum before project process. Glue will be completely dry after 24 hours.

Clip or aluminum profile

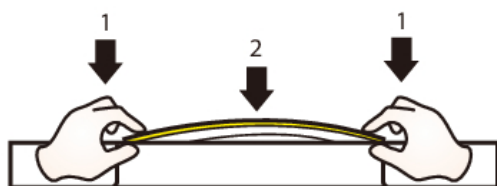
Fix the clips and the aluminum profile using the screws



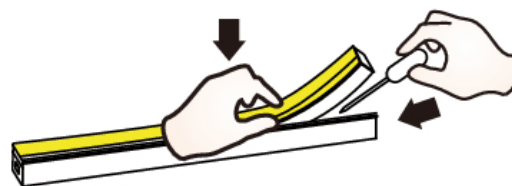
⚠ Suggestion: 2 clips per meter

NEON strip

Simultaneously install the NEON strip from both ends



Use appropriate tools when removing the NEON strip

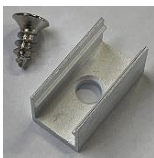
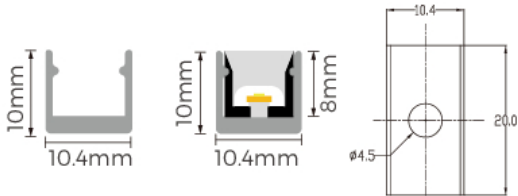


Product weight / 5m reel

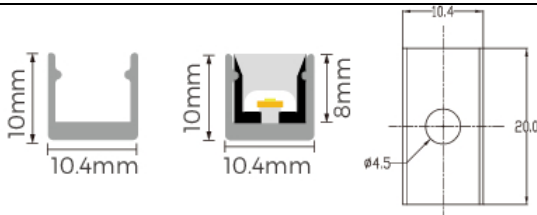
A41N080806xx	600 gr.
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Accessories

1-A41KITN08080

	Front cap with hole (x 2)	
	End cap without hole (x 4)	
 5.1x9.4x20mm	Clip + screw (x 10)	
	Glue + glue nozzle (x 2)	

2-A41FIXN08080

 1 single clip + screw		
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3-BAR0808AL100

 10x10.4x1000mm	1meter aluminum profile	
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