

Flex Led Neon Light

# F-NEON-240-HV



## Product Specification



## LED strip colloid specifications comparison

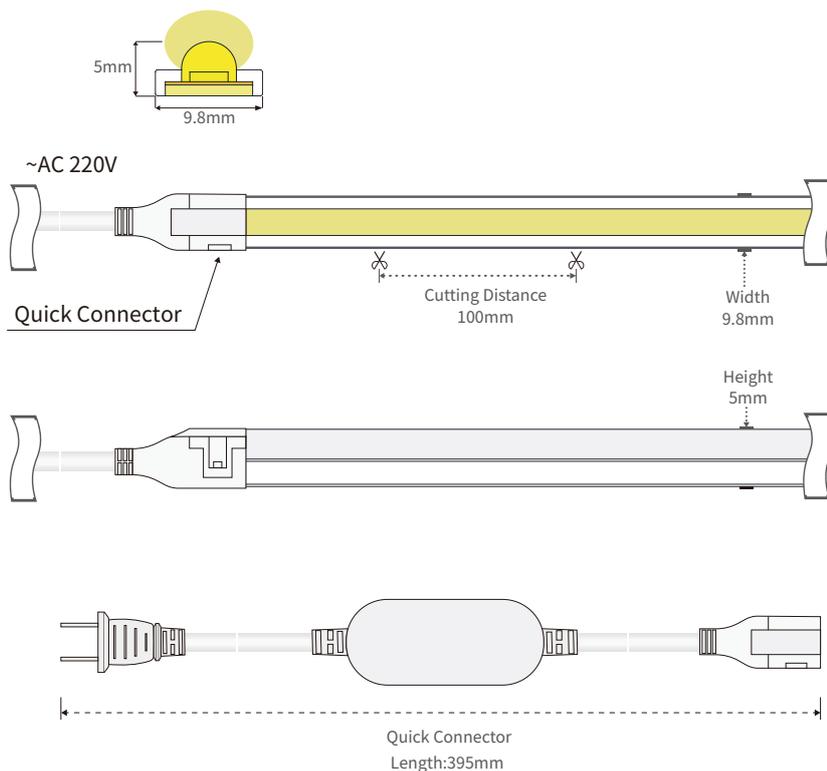
Materials	Silicone flexible led strip	PVC flexible led strip	Notes
Main parameters			
Colloid features in -40°C	No crack after 30 days	Totally cracked	The low temperature resistant of silicone is superior than PVC or epoxy materials
Colloid features in 120°C	No obvious change after 72 hours	Colloid changed into yellow and deformed after 2 hours	The high temperature resistant of silicone is superior than PVC or epoxy
Colloid features in 180°C	No obvious change after 72 hours	Colloid changed into brown and some melted after 20 minutes	Over 150°C, PVC is easily hydrolyzed, Viscosity becomes weaken and easily seperated
Steadily lighted in Seawater for 72 hours	No obvious change	Serious atomization on the surface	The waterproof grade of silicone led strip can reach to IP67, high resistance to acidic alkali and salt properties
Thermal conductivity	Good thermal conductivity	No thermal conductivity	Pvc and epoxy cannot conduct heat, while silicone has good thermal conductivity

## Product features

- Anti-yellowing and heat resisting silicone glue, chemical resistance acid and alkaline, available for extremely terrible outdoor environment.
- Uniform and soft luminance, no light spot.
- Super brightness large chip, golden wire welded and copper led holder for quicker heat dissipation, higher stability, longer life span.
- Leadless SMT technique (RoHS certificated), smooth welding joint, firm connection of led and pcb.



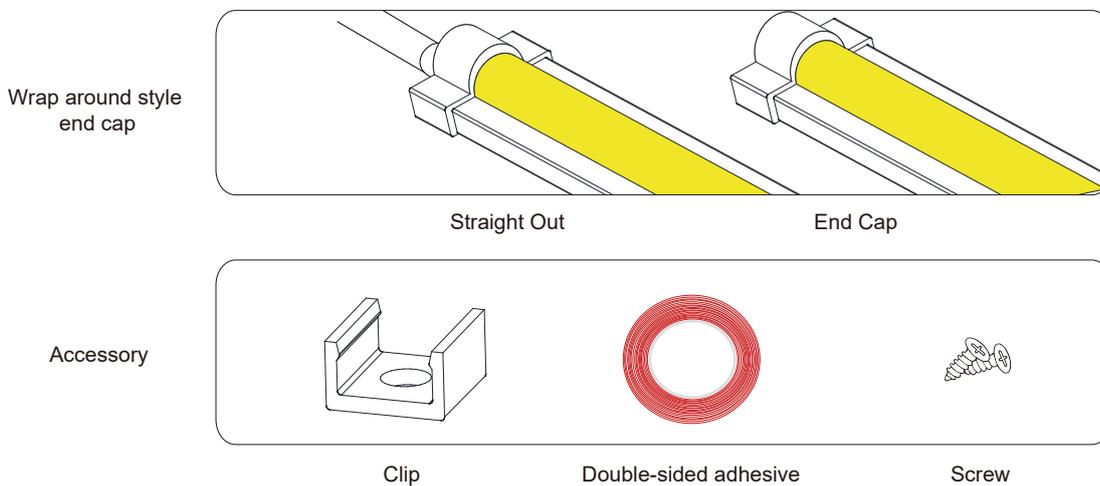
# Specification



**Note:**

This AC led strip is driven by high voltage 220v-240vAC, Therefore when operating AC led strip should be very cautious in case of electric shock (insulation gloves should be worn during installation).

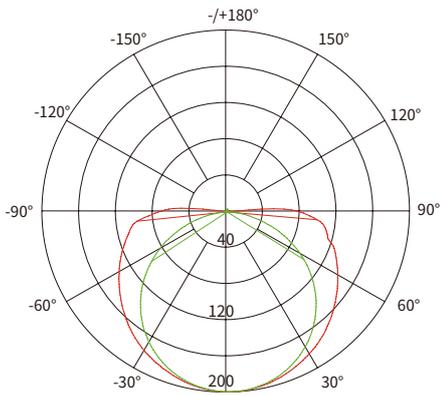
## Installation accessories



## Recommend LED strip parameters

SMD2835, 240 LED/meter								
Part number	Color	Lumen/M CRI 80	Unit cut	Cut every (LEDS)	LED Qty/M	Voltage	Power/M	Max run length
SUR-2835-240-220V	WW 	475	100mm	24	240	220VAC	8W	50 meters from one end
	NW 	500						
	CW 	490						

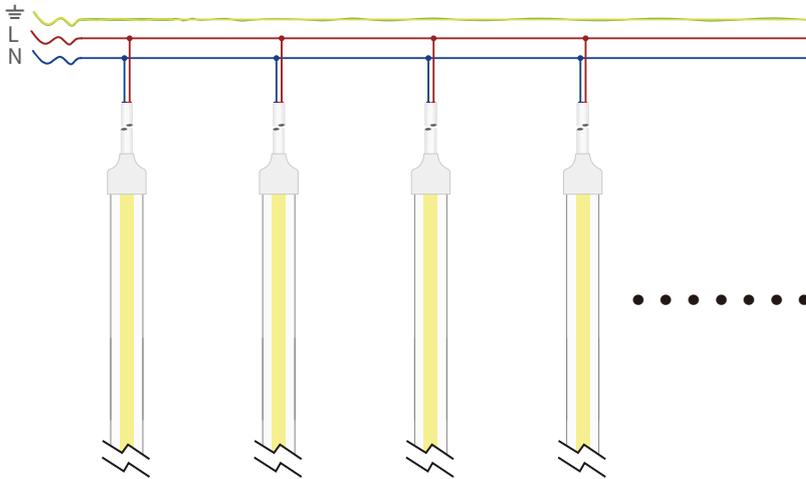
## Light Distribution Curve Values



Light distribution curve values: 1m

## Connection Method

220-240V AC  
50/60Hz



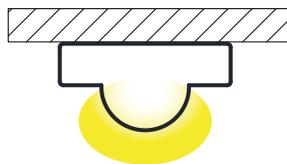
Please read the product specification carefully before using this product, and ask professional personnel to install it to ensure safe use.

This product does not need a driver and can be used when the wiring is powered on. The power shall be cut off during the wiring process, and the live operation is not allowed, otherwise it will cause safety accidents!

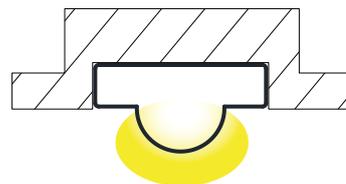
Please cut the length of the lamp strip as required before wiring, and do not cut it with live operation, otherwise the live cutting will damage the lamp strip and cause safety accidents!

Insulation and waterproof treatment shall be done at the junction and shear or tail end of the lamp strip to avoid electric shock or

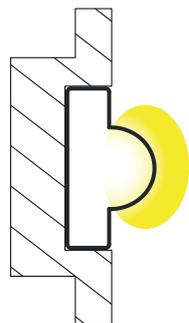
## Installation Method



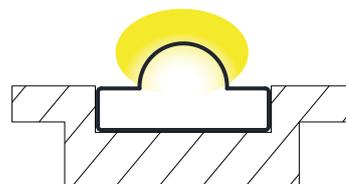
Surface Mounted Ceiling



Concealed Embedded

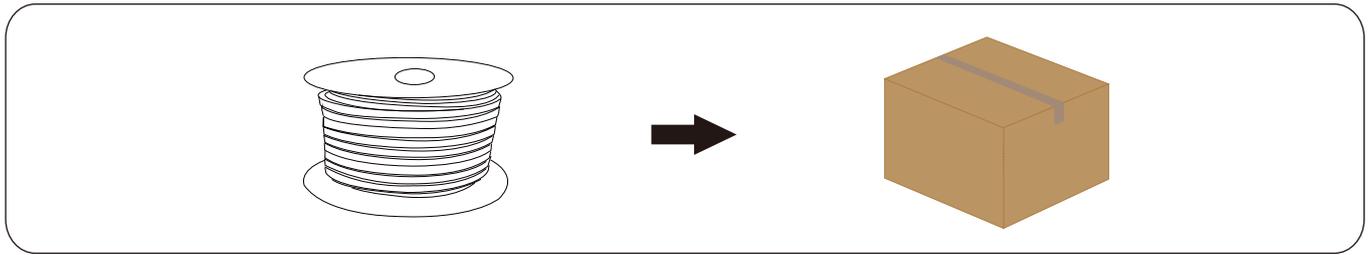


Side Mounted Embedded



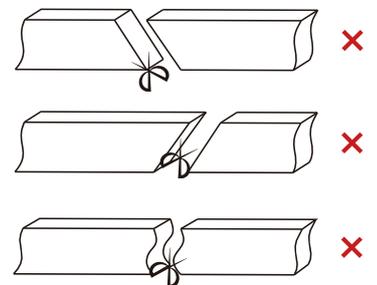
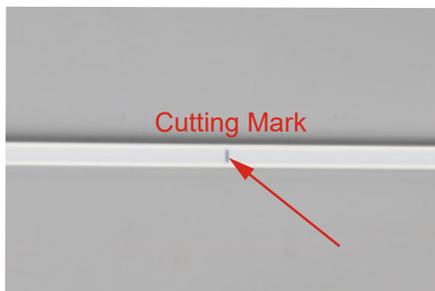
Embedded Buried

## Packaging Method



Packaging Length	Weight of 1 reel	Carton Size	Packing Quantity	Total Weight
50m/reel	3.1g/reel	320*320*100mm	1 reel	3.68kg

## Cut mark



Remarks: There is a transparent window at the bottom of the light strip,

Make precise vertical cuts at the exact cut position of the light strip.

Please do not arbitrarily cut or cut into a bevel and arc section.

## Cautions

