Allumio
Lighting Design

Neon 1516 Series

Neon 1516 Series

The Neon Series is a sophisticated and more durable alternative to LED tape. This is a great option where visible as it has a soft and uniformed luminance with no light spot.


- Built for extreme environments
- DC24V
- CRI>80
- Cree chip 2835
- 3 Step MacAdam Ellipse
- Size (mm) 15 x 16
- Working Temperature -20 ~ 50°C
- IP67
- 3 year warranty

Neon 1516 Series

Neon Series compared with PVC flexible LED strip

Materials / Main parameters	Silicone flexible led strip	PVC flexible led strip	Notes
Colloid features in -40℃	No crack after 30 days	Totally cracked	The low temperature resistant of silicone is superior than PVC or epoxy materials
Colloid features in 120℃	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℃	No obvious change after 72 hours	Colloid changed into brown and some melted after 20 minutes	Over 150℃, 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

Injection-moulded connector

Connector

Tail plug
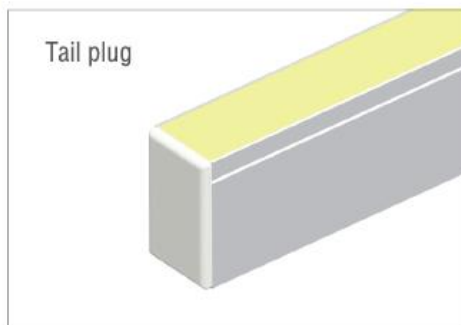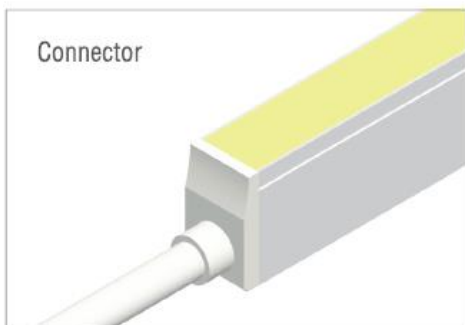
Connects light to power supply with pre-installed bottom feed cable, cable length available in 0.3m.
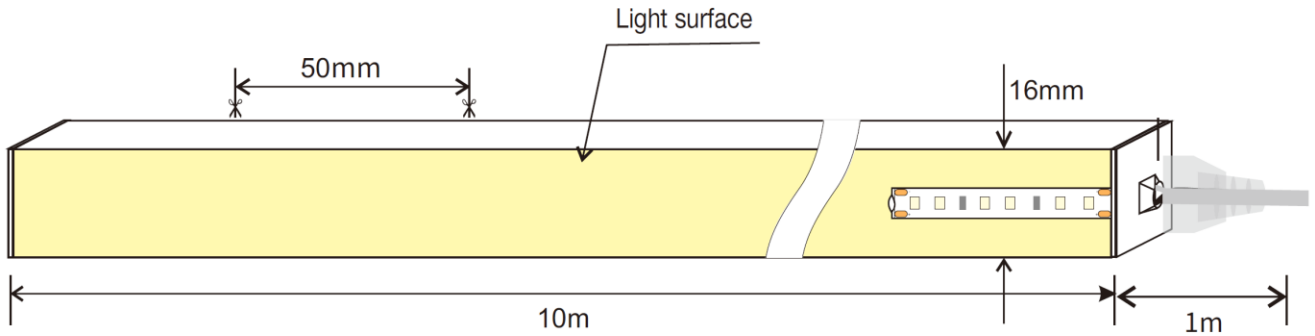
Neon 1516 Series

ALLUMIO NEON TAPE LIGHTING

WATTAGE BEAM ANGLE	6w		11w		14.4w	
Luminous	175lm		320lm		419lm	
CCT	2k 2700k	3k 3000k		4k 4000k		6k 6000k

Code Chart

Range Name	Wattage	Colour Temperature	Luminous
NEON1516 -	15	4	419

NEON1516-154419

Neon 1516 Series

Light surface

50mm

16mm

10m

1m

Installation Accessories

Screws + Fixed clips + Glue + Plug
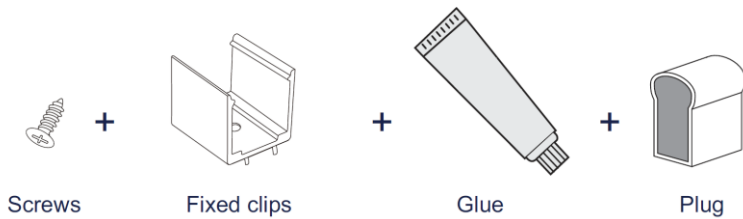
Installation Instructions

AC 100-240V

DC 12V/24V Power supply
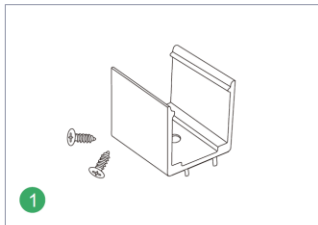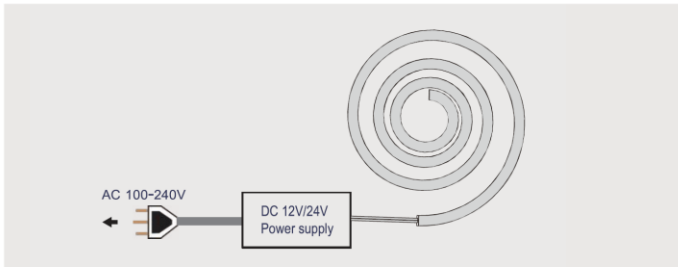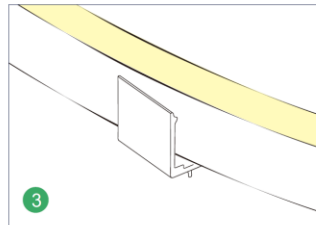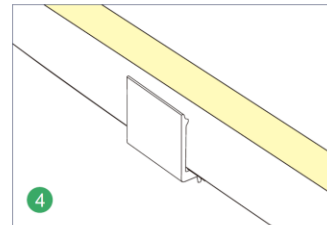
① Prepare the screws and fixed clips
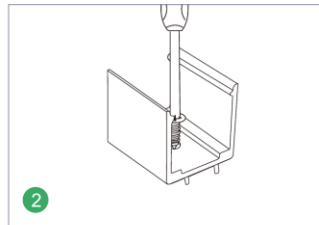
② Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.

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

④ Fix led strip completely into the fixed clip, led strip subface must be parallel to the top edge of fixed clip.

SAA APPROVALS®   CE   RoHS

ELEVAGE
LIGHTING GROUP

Consult. Supply. *Illuminate.*

elevagegroup.com.au