

## PNS1615-3D-xx-24V/IP67

### 3D Flexible Neon LED Strip

#### Features

- Flexible LED light source
- 3D Bendable
- High Performance SMD emitters
- 16x15mm profile
- Easy to cut at 50mm intervals
- Wide 180° angle of emission
- IP67
- 3 Year Warranty



#### Applications

POS Display equipment, signage, accent & decorative lighting

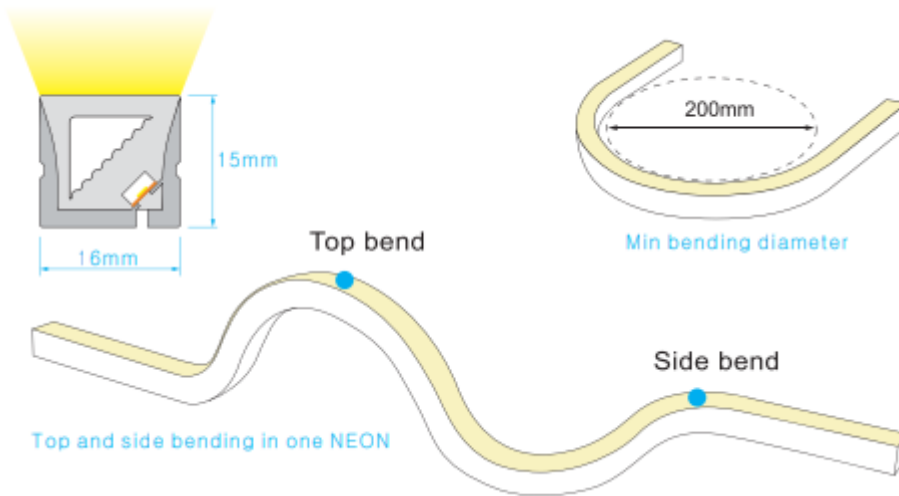
#### Maximum Electrical Characteristics Ta=25°C

Parameter	24VDC	Unit
Input Voltage	24v Typical	VDC
CRI / Ra	>90	mA/m
Power consumption / metre (max)	5W or 10W	W/m
Operating Temp	-25 to +45°C	°C

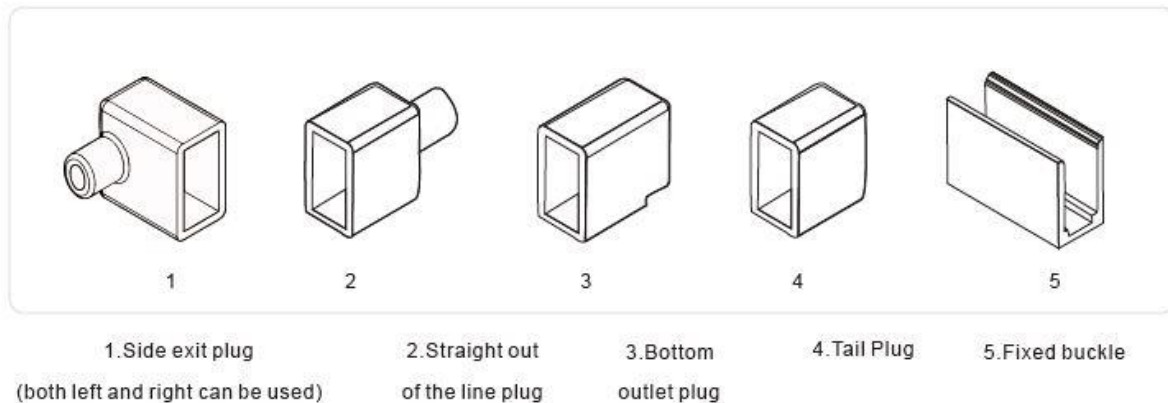
#### Optical Characteristics Ta=25°C

Part Number	Emitted colour	Wavelength/CCT typ.	Lumens/metre Power 5W/m (max length 5m)	Lumens/metre Power 10W/m (max length 5m)
PNS-1615-3D-W21-24V	Extreme Warm White	2000K - 2200K	316	626
PNS-1615-3D-W24-24V	Extra Warm White	2300K – 2500K	330	627
PNS-1615-3D-W27-24V	Warm White	2600K – 2800K	357	675
PNS-1615-3D-W30-24V	Warm White	2900K - 3100K	372	701
PNS-1615-3D-W35-24V	Natural/Warm White	3400K – 3700K	384	726
PNS-1615-3D-W40-24V	Natural White	3800K – 4300K	385	728
PNS-1615-3D-W50-24V	Daylight White	4800K – 5300K	391	745
PNS-1615-3D-W60-24V	Pure White	5900K – 6400K	387	733
PNS-1615-3D-R-24V	Red	620 – 625nm	151	307
PNS-1615-3D-G-24V	Green	515 – 525nm	320	533
PNS-1615-3D-B-24V	Blue	460 – 465nm	77	144
PNS-1615-3D-Y-24V	Yellow	585 – 595nm	128	260
PNS-1615-3D-P-24V	Pink	Pink	255	481

## Dimensions



## Options



### Handling notes:

Ensure that the correct low voltage dc power supply is matched to the flexible strip specification

Avoid repeated bending of the strip as this will damage the circuit and components

Avoid excess pressure on the strip as this may result in damage and latent failures.

When cutting, the ingress protection will be compromised please ensure that the assembly is re-sealed accordingly in order to maintain the IP rating

### Installation notes:

To achieve a consistent luminous effect, each 5 metre length should be connected to the power source.

To ensure long life we recommend that the strip is kept as cool as possible and environments where the temperature exceeds 40°C should be avoided

### Drive & Control:

For control solutions please refer to our range of controllers and drive options which include DMX, RF Wireless, WiFi. More information may be found at <http://www.plusopto.co.uk/led-controllers.html>

Specifications may be subject to change without notice