

PNS-D25-Wx-24V Series

White Neon Flex 360° View

Features

- Flexible LED light source
- Silicone alternative to Neon
- High Performance SMD emitters
- 25mm Diameter
- Wide 360° 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 and 10W	W/m
Operating Temp	-25 to +45°C	°C

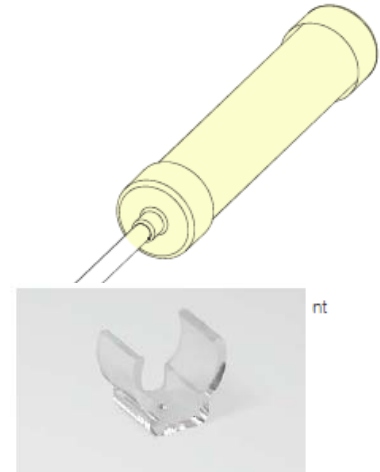
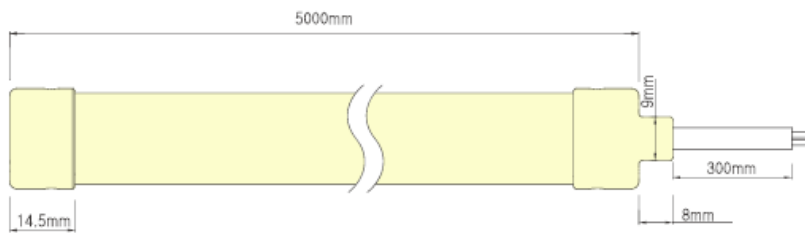
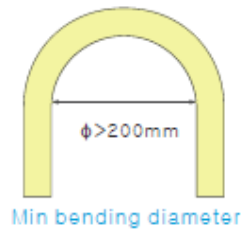
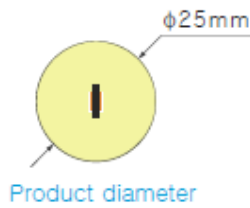
Optical Characteristics Ta=25°C

Part Number	Emitted colour	Colour temp (CCT typ.)	Lumens/metre Power 5W/m (max length 5m)	Lumens/metre Power 10W/m (max length 5m)
PNS-D25-W21-24V	Very Warm White	2000K - 2200K	256	551
PNS-D25-W24-24V	Extra Warm White	2300K - 2500K	272	525
PNS-D25-W27-24V	Warm White	2600k – 2800K	276	517
PNS-D25-W30-24V	Natural/Warm White	2900K – 3100K	294	529
PNS-D25-W35-24V	Natural White	3300K - 3700K	306	600
PNS-D25-W40-24V	Natural White	3700K – 4300K	298	556
PNS-D25-W50-24V	Daylight White	4700K – 5300K	309	604
PNS-D25-W60-24V	Pure White	5700K – 6300K	302	586

Suffix xx CCT example 24 = 2400K W = Power rating Watts

Tuneable white and multi-colour types are also available

Dimensions



Factory can cut Neon in 50mm increments

Options

Front or side entry cable integral end cap, metal or surface

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.

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