

PNS-S1220-RGB/RGBW-x-24V Side View

Neon Flex Horizontal bend

Features

- Flexible LED light source
- Side View Horizontal bend
- High Performance SMD emitters
- 12x20mm side view
- Easy to cut at intervals
- Wide 180° angle of emission
- IP67
- 3 Year Warranty



Applications

POS Display equipment, signage, accent & decorative lighting

Maximum Electrical Characteristics Ta=25°C

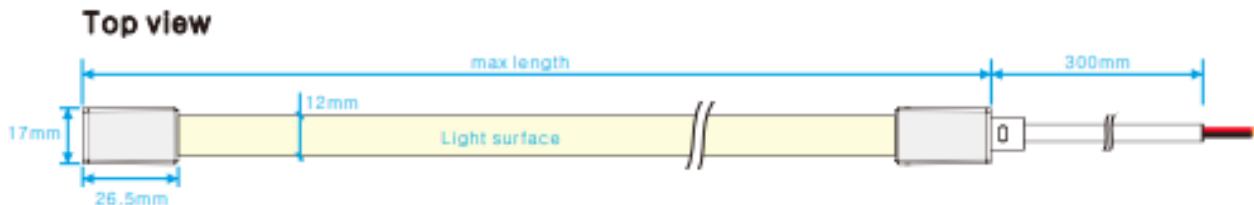
| Parameter | 24VDC | Unit |
|---------------------------------|----------------|------|
| Input Voltage | 24v Typical | VDC |
| CRI / Ra | >90 | mA/m |
| Power consumption / metre (max) | 5W / 10W / 15W | W/m |
| Operating Temp | -25 to +45°C | °C |
| Cut Points | 62.5mm | mm |

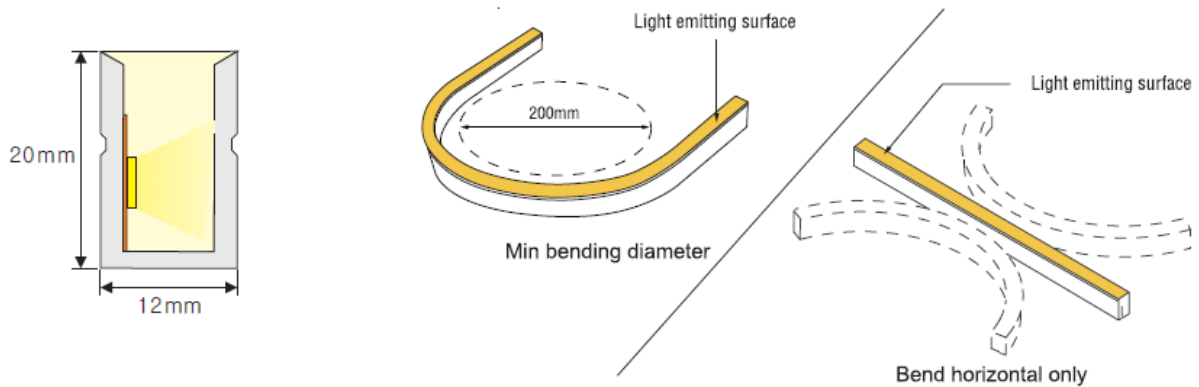
Optical Characteristics Ta=25°C

| Part Number | Emitted colour | Wavelength(nm) /CCT typ. | Lumens/metre Power 5W/m (max length 5m) | Lumens/metre Power 10W/m (max length 5m) | Lumens/metre Power 15W/m (max length 5m) |
|----------------------|----------------|--------------------------|---|--|--|
| PNS-S1220-RGB | RGB | 625 / 525 / 465nm | 86 | 160 | 200 |
| PNS-S1220-RGBW-24-30 | RGBW | 3000K - 5000K | 110 | 211 | 301 |

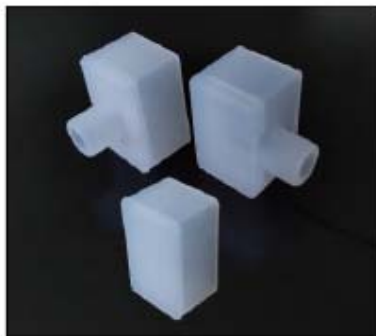
Suffix xx CCT example 30 = 3000K W = Power rating Watts

Dimensions

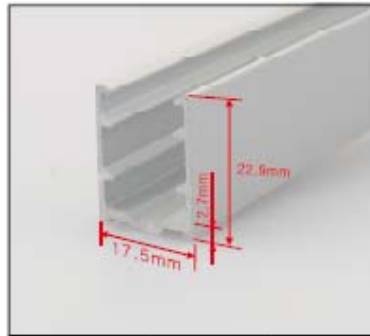




Options



IP67 Silicone end cap



Mounting clip (length: 2cm)
Mounting channel (length: 1m, 2m, 3m)

S1220 Mounting Profiles 1.0m length

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