

Seamless Dotless Neon

IP67 · 180° top & side emission · Dimmable · 24V DC



IP67 12 × 20MM SILICONE LED NEON 24V · 3000K / 4000K / 6000K / RGB

SKU: N1220S-WW · N1220S-NW · N1220S-CW · N1220S-RGB

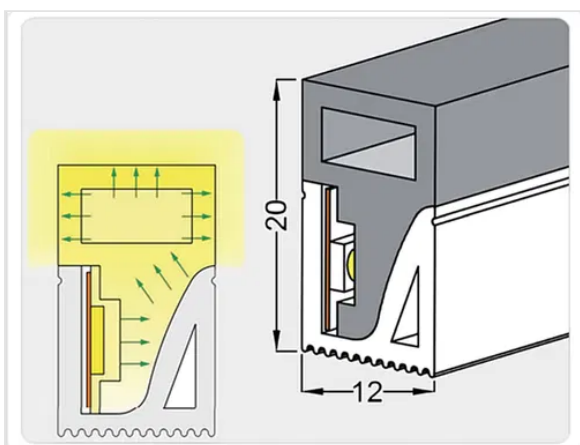
- Seamless, dotless neon glow, 180° top & side.
- IP67 silicone, suitable for outdoor use.
- Cuttable every 50mm, max run 8m.
- Flexible, min. bend radius 100mm.
- 24V DC, dimmable.
- Warm, natural, cool white or RGB.
- Clips, channel and end caps available.



TECHNICAL DETAILS

Product No:	N1220S-WW / NW / CW / RGB
Profile Size	12 × 20mm (W × H)
Voltage	DC24V
Power	10W/M white · 15W/M RGB
Lumens	1100lm/m white · 1200lm/m RGB
Colour	3000K / 4000K / 6000K / RGB
Beam Angle	180°, top & side emitting
IP Rating	IP67, silicone
Cut Length	Every 50mm
Max Run	8m
Min Bend Radius	100mm
Dimmable	Yes
Warranty	1 year

PROFILE & LIGHT EMISSION



12mm wide × 20mm high. Light exits through the top face and the side.

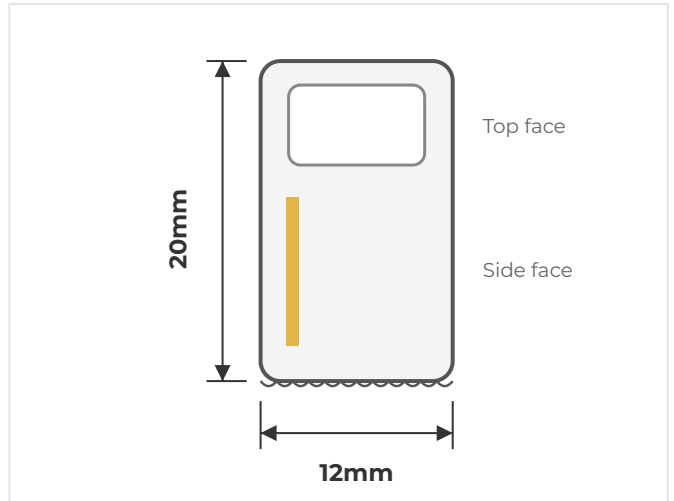
COLOUR OPTIONS (±10%)

	Warm White 3000K N1220S-WW	1100lm/m 10W/m
	Natural White 4000K N1220S-NW	1100lm/m 10W/m
	Cool White 6000K N1220S-CW	1100lm/m 10W/m
	RGB Multi-Colour N1220S-RGB	1200lm/m 15W/m

DIMENSION

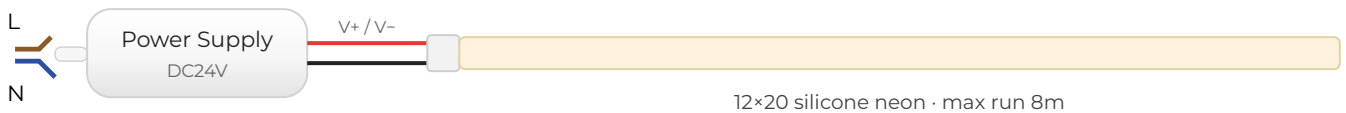


Silicone profile, cross-section.

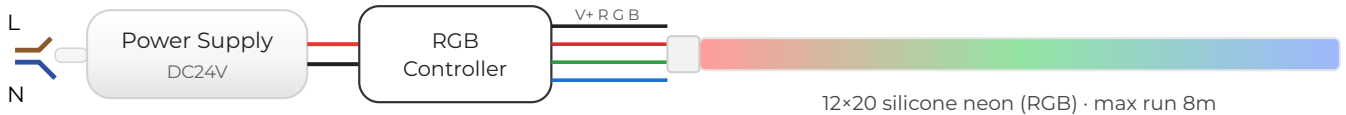

12mm (W) × 20mm (H) cross-section.

WIRING DIAGRAM

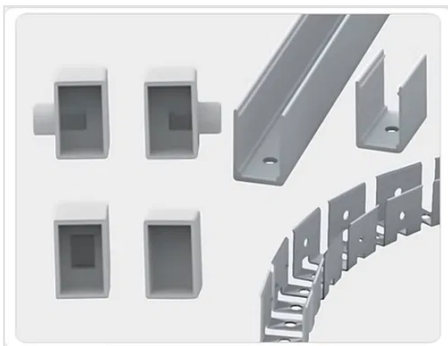
White (WW / NW / CW): use a 24V dimmer or dimmable driver to dim



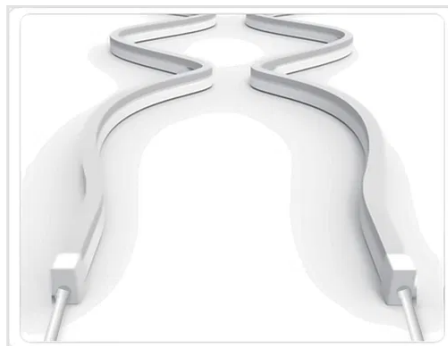
RGB



INSTALL & ACCESSORIES



End caps, mounting clips and aluminium channel.



Flexible silicone bends to follow curves and shapes.

Clean and dry the surface. Fix clips or channel at even spacing, then press the neon in. Keep bends to 100mm radius or more. Cut every 50mm at the marked points and fit end caps to keep the IP67 seal.

APPLICATION NOTE

1



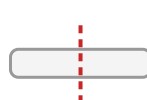
24V DC only. Never connect to 240V AC mains.

2



Do not fold, kink or twist. Min bend radius 100mm.

3



Cut only at marked points (every 50mm). Seal ends with end caps.

4



Max run 8m. Size the power supply above the total load.