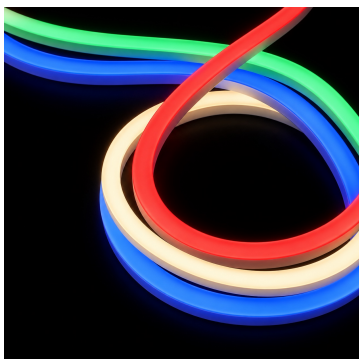


12 × 25 mm RGBW Side-Bending Neon Flex



NH-1225-5050-RGBW



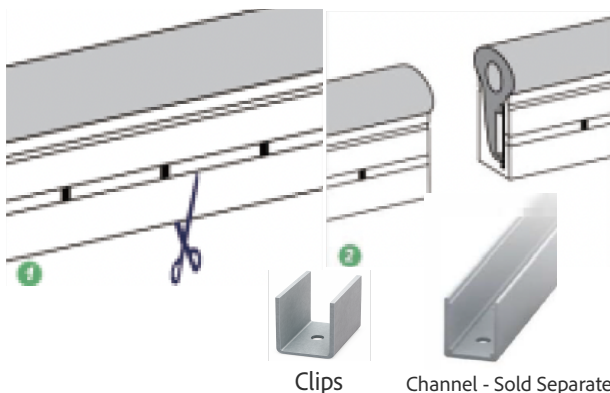
Key Features

- Full RGBW colour mixing with a dedicated 3000 K white channel
- High-density COB technology provides smooth, dot-free illumination
- Compact 12 × 25 mm side-bending profile for curved architectural applications
- Operates on safe and reliable 24 V DC power
- Maximum power consumption of 14.4 W/m
- Horizontal side-bending construction follows curves and architectural contours
- IP67-rated silicone housing for indoor and outdoor installations
- Cuttable every 100 mm for customized project lengths
- Dimmable using a compatible RGBW controller
- Custom fabricated lengths available with parallel wiring or power injection for longer runs

Applications:

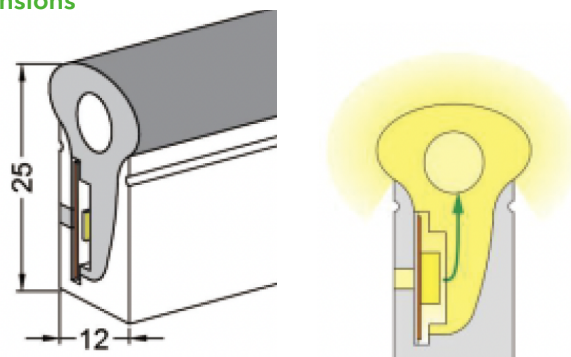
- Architectural Lighting: Ideal for accentuating building features with vibrant colors.
- Outdoor Installations: Suitable for pathways, gardens, steps, and exterior façades with IP67 protection.
- Signage & Displays: Creates eye-catching signs and displays with dynamic RGBW lighting.
- Interior Design: Enhances ambiance in commercial, retail, hospitality, and residential spaces.
- Event & Stage Lighting: Provides versatile color options for dynamic lighting effects.

Installation Instructions - Cutting Method



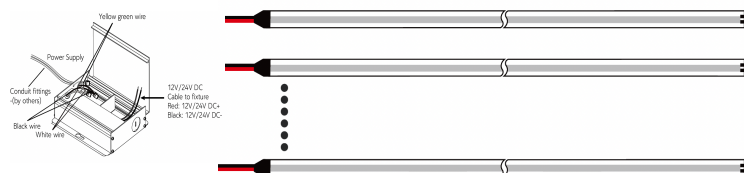
Specifications	
Models	NH-1225-COB-RGBW (3000K)
Product Size(mm)	12 × 25 mm (W × H)
LED Type	COB
Light Color	RGBW (3000 K White)
Luminous Flux	R 150 lm/m G 350 lm/m B 150 lm/m W
Input Voltage	24 V DC
Current (A/m)	0.60
Max Power Consumption (Watt/m)	14.4
CRI	White Channel CRI: >80 at 3000 K
LED Quantity(per meter)	840 LEDs/m
Lighting Direction	Side View(bends horizontally)
Dimming	PWM dimming via RGBW controller (Touch Panel or Smart Controller)
Beam Angle	180°
Cutting Interval (mm)	100
Net Weight(kg)	1.8 kg per 5 m roll
Operating Temperature	-20~50 °C
Storage Temperature	-30°C~ +80°C
IP Rating	IP67
Estimated Life(Hours)	30,000
Certification	cETLus
Warranty	3-Year Limited Warranty

Dimensions



Wiring Recommendations:

Parallel connection is highly recommended for safe and reliable operation.



For long runs, parallel power connections are recommended to minimize voltage drop and maintain consistent brightness.

Ordering Guide

Series		Size	LED Type	Color Temperature	Length
NH	LED Neon Strip Light	1225	COB	RGBW	Custom Length