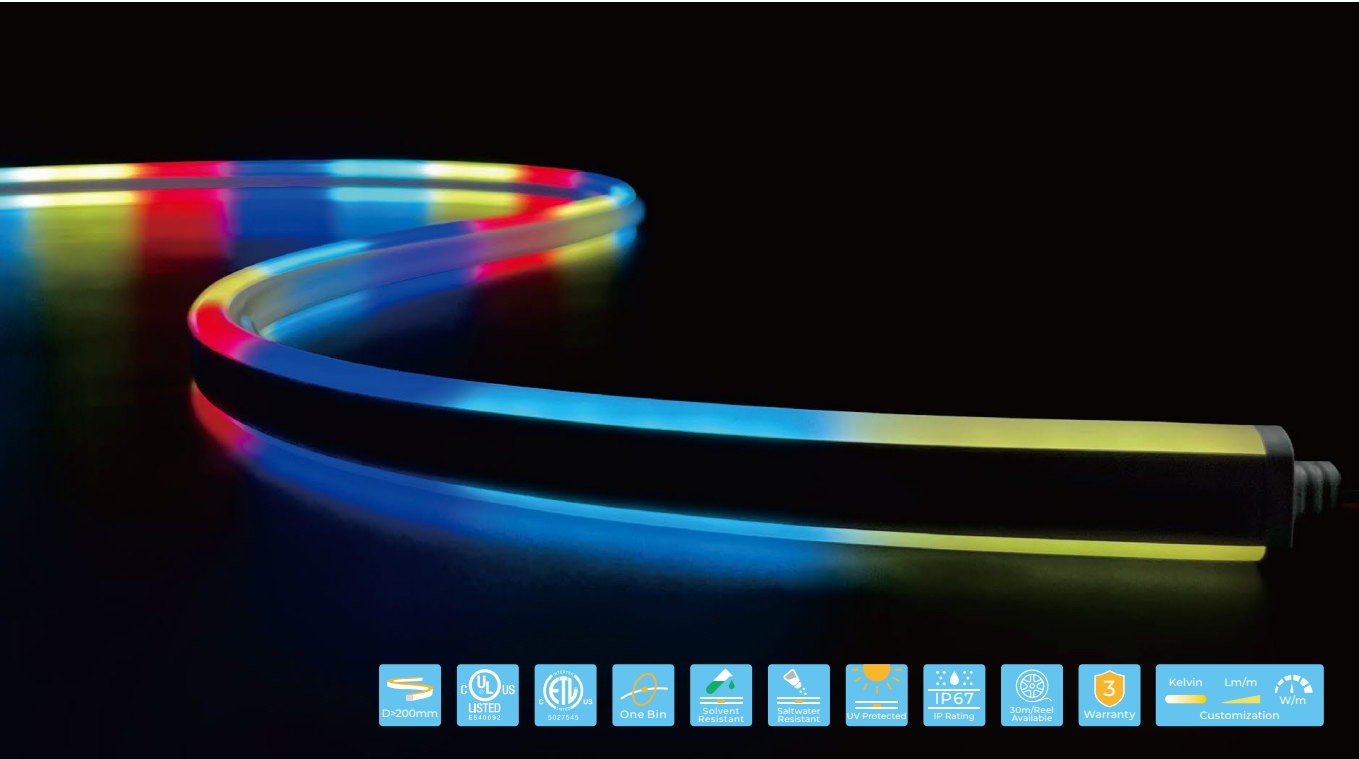
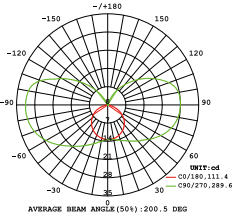


PIXEL DUAL 1612

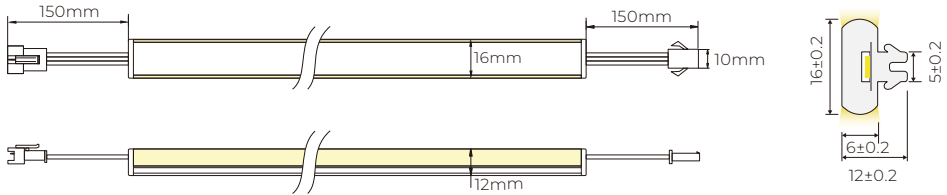


SPI-controlled digital LED neon with WS2811 IC and a unique two-sided luminous structure. Easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and Chromateq, easily programmed and synchronized for stunning visual displays. 3-year warranty, lifespan ≥ 30,000 hours, 1 BIN.



Light Distribution Curve

Dimensions



Basic Parameters

Model No.	NP-DUAL-1612
Voltage	DC24V
Power(w/m)	12w
IP Rating	IP65
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin=-25°C, Tamax (Tamax45°C)



SPI RGB

Voltage	DC24 V
Circuit Design	CV
IC Model	WS2811
Pixels/m	10
Power(w/m)	12w
Max. Run Length	5m
Cutting Length	100mm

Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	47.66	4.8	9.93
	G	132.82	4.8	27.67
	B	21.02	4.8	4.38
	RGB	189.12	12	15.76

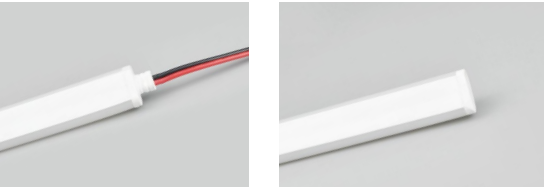
- Note:
- CV: Constant Voltage CC: Constant Current.
 - Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values. Due to tolerances of the production process and the electrical components,testing parameters can vary up to 10%.
 - The Constant Current version supports PWM dimming, but the PWM frequency must be kept below 2kHz.

Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD : 5.0mm		SPI: Red V+, Green DI/DO, Black V-



End Cap & Cable Lead Option

Front Cable Entry



Front Cable Entry

Closed End Cap