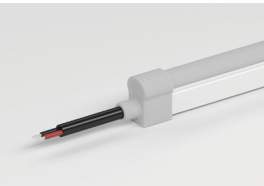


Cable Type	Schematic Diagram	Specification	Core	Electrical Properties
PVC Cable		OD: 5.0mm		SPI (Single data cable): Red V+, Green DI/DO, Black V-
		OD: 5.5mm		SPI (Dual data cable): Red V+, Green BI/BO, Blue DI/DO, Black V-
		OD: 5.5mm		DMX512: Red V+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-
Silicone Cable		OD: 5.0mm		SPI: Red V+, Green DI/DO, Black V-
		OD: 6.0mm		Breakpoint Transmission: RedV+, Green BI/BO, Blue DI/DO, Black V-
		OD: 6.0mm		DMX512: RedV+, Green PI/PO, Blue AI/AO, White BI/BO, Black V-

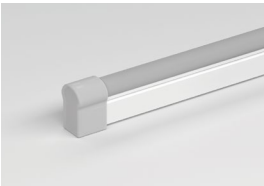


End Cap & Cable Lead Option

Silicone end cap (IP67)



Front Cable Entry



Closed End Cap

Integral End Cap (IP67)



Front Cable Entry



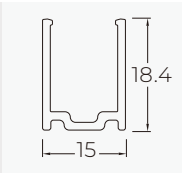
Closed End cap



Accessories

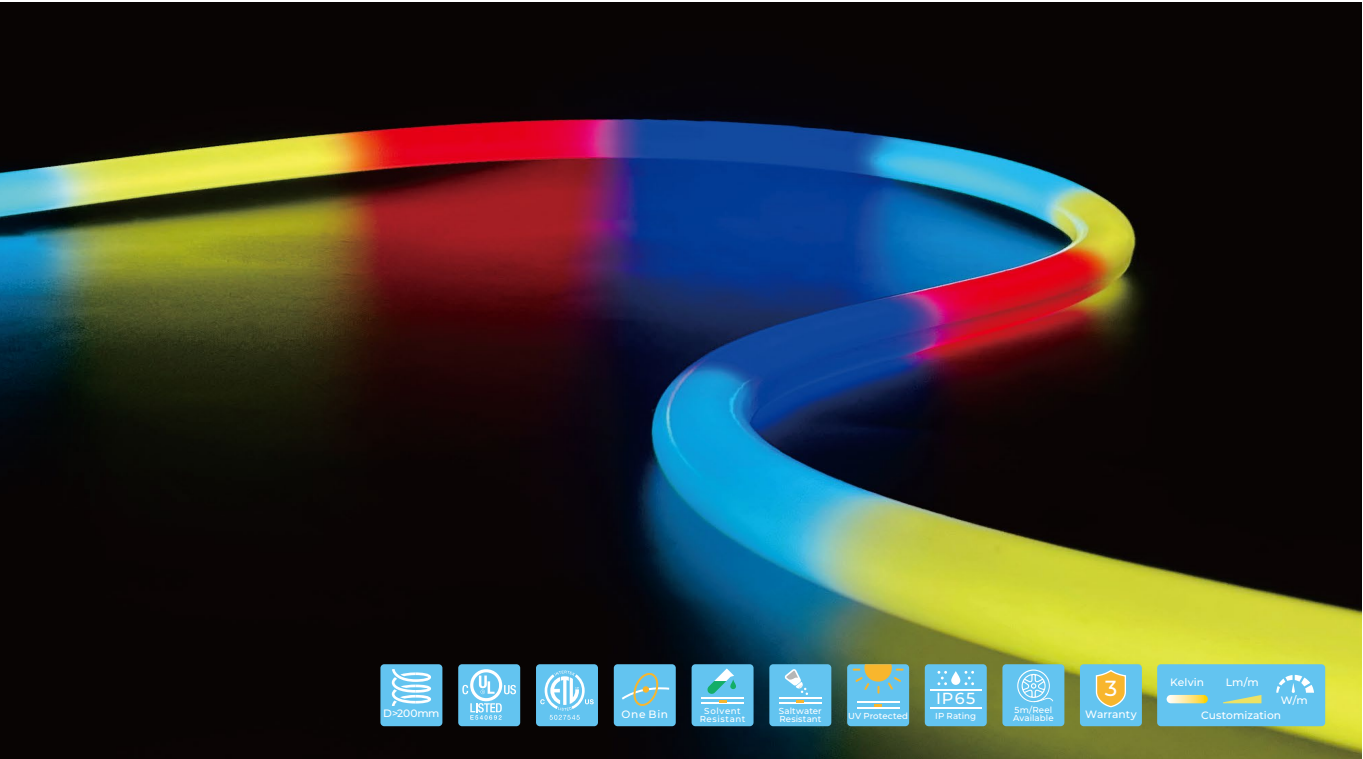


Aluminium Mounting clips
Length: 2cm

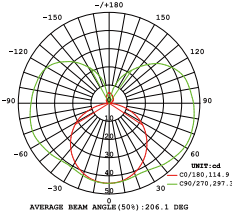


Aluminium Profile
Length: 1m/2m/3m

PIXEL R25

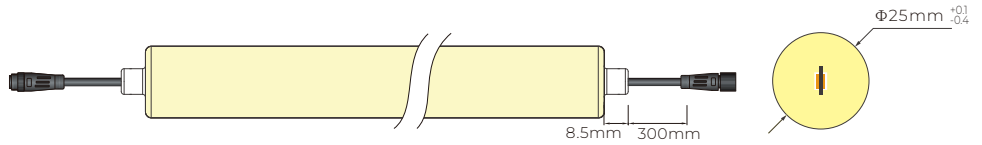


SPI-controlled digital LED neon with WS2811 IC, 25mm diameter, 360° uniform lighting, easy to set up and cost-effective, ideal for small indoor projects. Supports color-changing effects, gradients, chases, pulsating patterns, and animations. Compatible with popular platforms like Madrix, Resolume, and 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-R25
Voltage	DC24V
Power(w/m)	25w
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)	25w
Max. Run Length	5m
Cutting Length	100mm

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 : 5.5mm		SPI: Red V+, Green DI/DO, Black V-
Silicone Cable		OD : 5.0mm		SPI: Red V+, Green DI/DO, Black V-

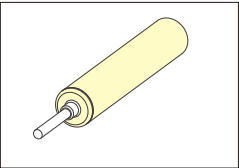
Parameters

CRI	CCT	lm/m	w/m	lm/w
--	R	91.0	9.1	10.0
	G	268.0	9.1	29.45
	B	41.0	9.1	4.5
	RGB	372.52	22.28	16.72

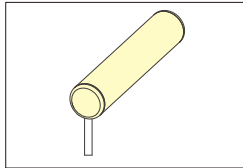


End Cap & Cable Lead Option

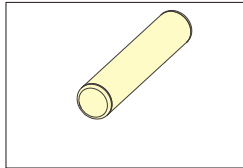
Integral end cap (IP67)



Front Cable Entry



Side Cable Entry



Closed End cap



Accessories



PC Clips Set
Transparent PC mounting clips,Tapping screws, Expand-able rubber plugs



PC Profile Set
Transparent PC mounting profile, Tapping screws, Expandable rubber plugs



Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Kit of hanging rope, Screws



Hanging PC Profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Kit of hanging rope, Screws



Mounting Metal Base Set
Type: "I" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Mounting Metal Base Set
Type: "U" Shape installation
Kit of metal base, Tapping screws, Expandable rubber plugs



Hanging Metal Base Set
Type: "I" Shape installation
Kit of "I" type hanging mounting with rope, Tapping screws, Expandable rubber plugs



Metal Connector for Side Cable Entry
Metal connector with side outlet, Tapping screws



Metal Connector for Front Cable Entry
Metal connector,Tapping screws



Mounting PC clips Set
Type: "Ω" Shape installation
Transparent PC clips, Transpar-ent PC pedestals with one hole, Tapping screws, Expandable rubber plugs



Hanging PC clips Set
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of hanging rope, Machine screws



Mounting Concealed PC clips Set
Transparent PC pedestals with two holes, Transparent PC pedestals with five holes,Tapping screws, Expandable rubber plugs



Hanging Concealed PC clips Set
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of hanging rope, Machine screws



Adjustable Hanging PC Clips Set
Type: "—" Shape installation
Transparent PC mounting clips, Machine screws, Kit of telescopic rod



Adjustable Hanging PC profile Set
Type: "—" Shape installation
Transparent PC mounting profile, Machine screws,Kit of telescopic rod



Adjustable Hanging PC clips
Type: "—" Shape installation
"Ω" type transparent PC clips, Transparent PC pedestals with one hole, Kit of telescopic rod



Adjustable Hanging with Concealed PC clips
Type: "—" Shape installation
Transparent PC pedestals with five holes, Tapping screws, Kit of telescopic rod, Machine screws



PC Connector for Side Cable Entry
Screws, Transparent side outlet connector



Hanging PC Connector for Side Cable Entry
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent side outlet connector



PC Connector for Front Cable Entry
Screws,Transparent connector



Hanging PC Connector Set
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent connector



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws,Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube;



Hanging PC Tube Set
Tube Length: 1m
Type: "—" Shape installation
Screws, Kit of hanging rope, Expandable rubber plugs, Tapping screws, Transparent circular tube



The Head



The End



The Head



The End