



NINGBO G-NOR OPTO ELECTRONICS.,LTD

LIGHTEN OUT YOURS LIFE WAY



GNL-FSP-1210RGB

Feature

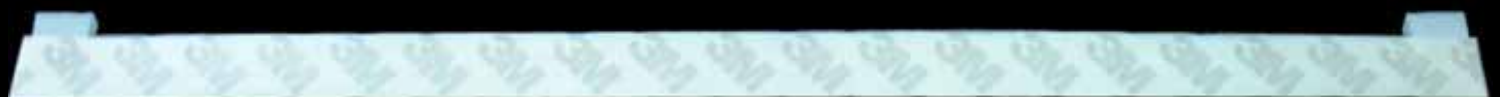
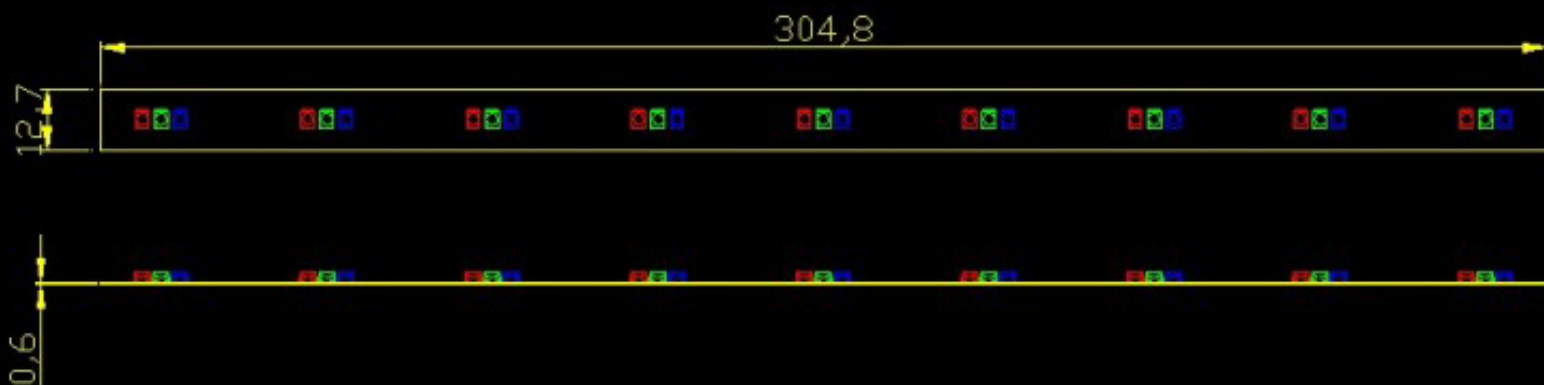
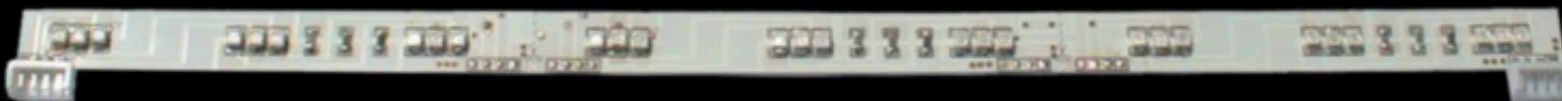
- High intensity
- Moisture resistance
- Power consumption: 1.9 W per unit
- R/G/B separate SMD LED-27LEDs
- Input voltage: 12VDC
- Standard length: 12 inch
- 35mm spacing per LED
- LED life: over 100,000 hours

Application

- Ideal for signage, channel letters, symbols accent lighting, borders, architectural lighting landscape lighting, step lighting, decorative lighting and so on.
- This strip can bend at any angle to fit different needs.



Product & Dimensions



Back side 3M adhesive tape

Cutting & Connection



Color Controller



Main function: RGB color changeable
Life time: Over 50 hours
Input power: 12V/24VDC
Peak current: 1A(shading) 2A(jumping)
Control mode: manual

LED Photovoltaic Parameter

Part Number	EMITTED COLOR	Lens Color	Peak Wavelength (nm)	Vf(V) Typ.	IV (lm)/led		Total Lum(lm)	View Angle 2 θ 1/2
					Min.	Typ.		
GNL-1210UEC	GaAlInP Super Red	Water Clear	625	2.0	1.8	2.0	18.0	135°
GNL-1210PGC	InGaN Pure Green	Water Clear	525	3.6	3.4	3.8	34.2	110°
GNL-1210UBC	InGaN Super Blue	Water Clear	470	3.4	0.8	1.0	9.0	120°

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GNL-FSP-5050RGB-12P

Feature

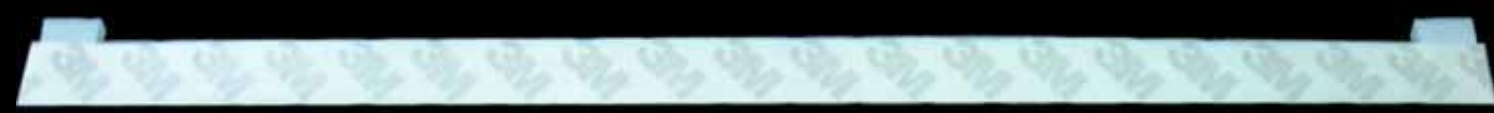
- High intensity
- Moisture resistance
- Power consumption: 2.5 W per unit
- R/G/B 3 in one SMD LED-12LEDs
- Input voltage: 12VDC
- Standard length: 12 inch
- 1 inch spacing per LED
- LED life: over 100,000 hours

Application

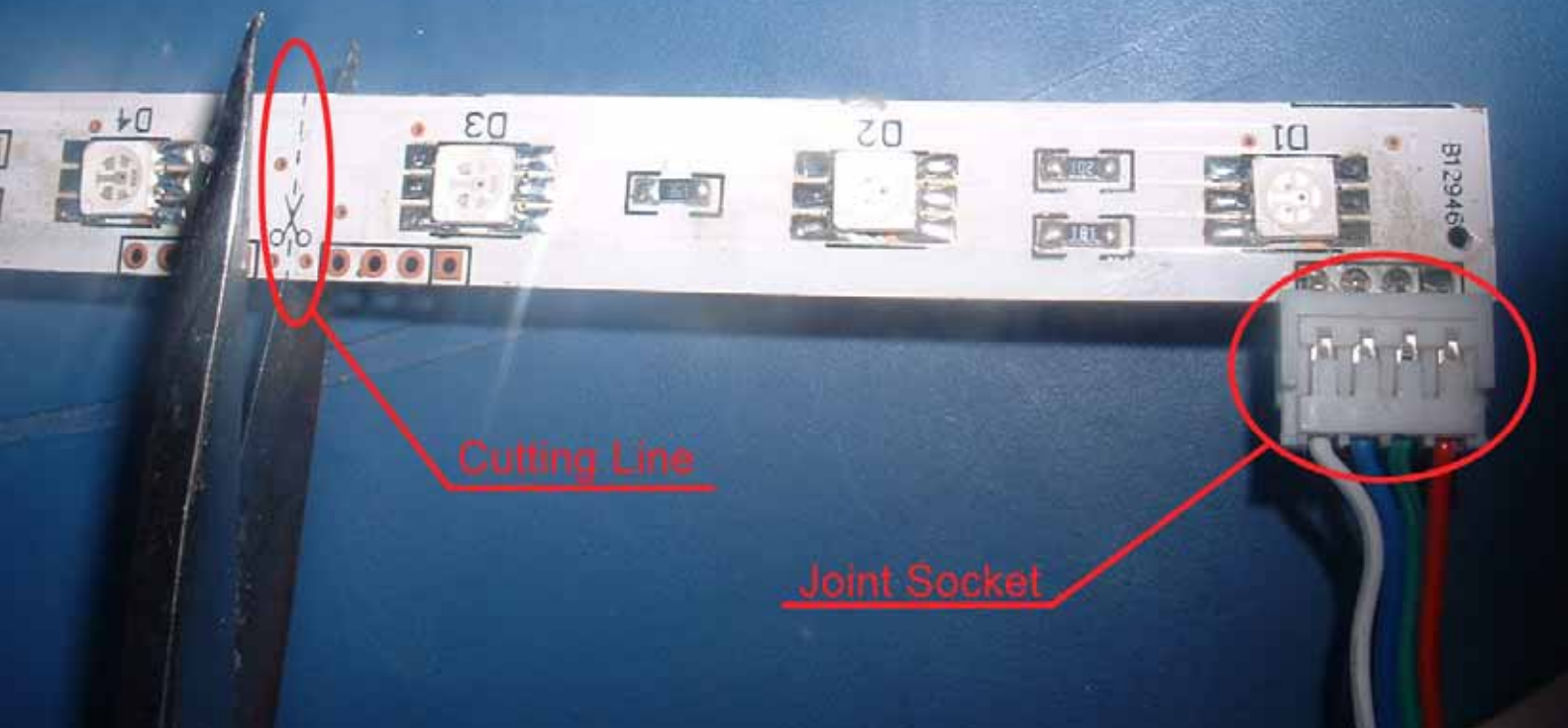
- Ideal for signage, channel letters, symbols accent lighting, borders, architectural lighting landscape lighting, step lighting, decorative lighting and so on.
- This strip can bend at any angle to fit different needs.



Product & Dimensions



Back side 3M adhesive tape



Color Controller



Main function: RGB color changeable
 Life time: Over 50 hours
 Input power: 12V/24VDC
 Peak current: 1A(shading) 2A(jumping)
 Control mode: manual

LED Photovoltaic Parameter

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf(v) Typ.	IV (lm)/led		Total Lum(lm)	View Angle 2 θ 1/2
						Min.	Typ.		
GNL-5050RGBC-12P	GaAlInP	Super Red	Water Clear	625	2.0	1.8	2.0	24.0	120°
	InGaN	Pure Green	Water Clear	525	3.5	3.6	4.0	48.0	120°
	InGaN	Super Blue	Water Clear	470	3.5	1.2	1.5	18.0	120°

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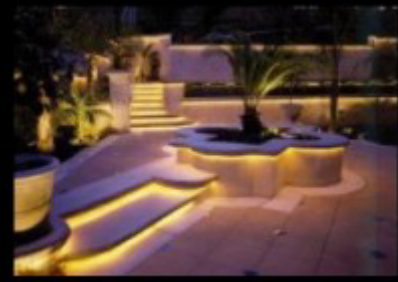
GNL-FSP-5050RGB-18P

Feature

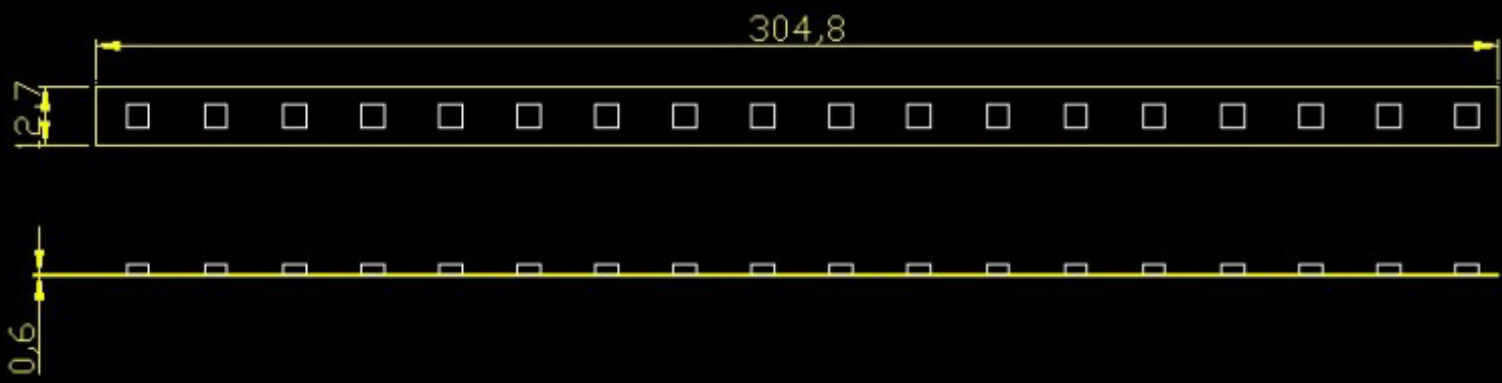
- High intensity
- Moisture resistance
- Power consumption: 3.7 W per unit
- R/G/B 3 in one SMD LED-18LEDs
- Input voltage: 12VDC
- Standard length: 12 inch
- 17mm spacing per LED
- LED life: over 100,000 hours

Application

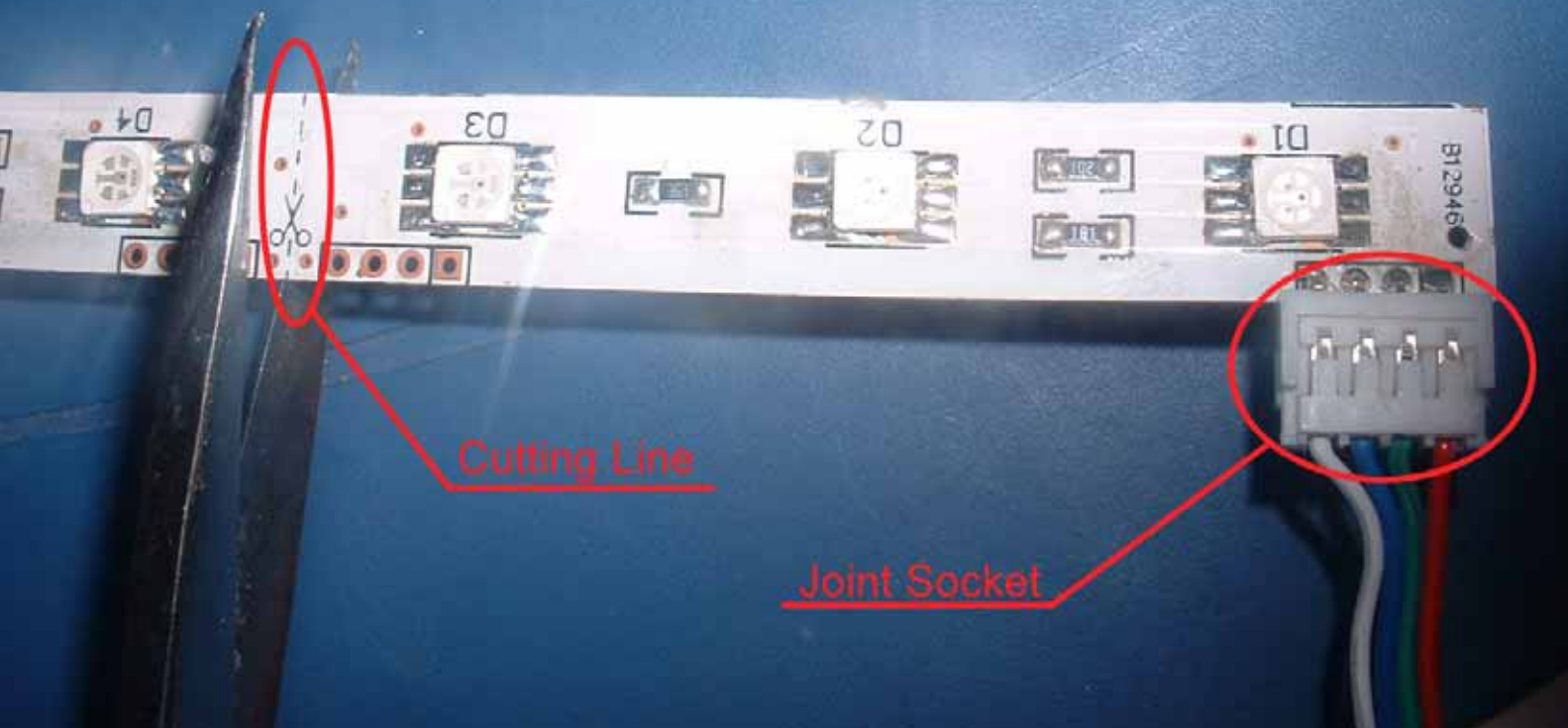
- Ideal for signage, channel letters, symbols accent lighting, borders, architectural lighting landscape lighting, step lighting, decorative lighting and so on.
- This strip can bend at any angle to fit different needs.



Product & Dimensions



Back side 3M adhesive tape



Color Controller



Main function: RGB color changeable
 Life time: Over 50 hours
 Input power: 12V/24VDC
 Peak current: 1A(shading) 2A(jumping)
 Control mode: manual

LED Photovoltaic Parameter

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf(v) Typ.	IV (lm)/led		Total Lum(lm)	View Angle 2 θ 1/2
						Min.	Typ.		
GNL-5050RGB-18P	GaAlInP	Super Red	Water Clear	625	2.0	1.8	2.0	36.0	120°
	InGaN	Pure Green	Water Clear	525	3.5	3.6	4.0	72.0	120°
	InGaN	Super Blue	Water Clear	470	3.5	1.2	1.5	27.0	120°

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GNL-FSP-5464RGB

Feature

- High intensity
- Moisture resistance
- Power consumption: 1.9 W per unit
- R/G/B separate Oval LED-27LEDs
- Input voltage: 12VDC
- Standard length: 12 inch
- 34mm spacing per LED
- LED life: over 100,000 hours

Application

- Ideal for signage, channel letters, symbols accent lighting, borders, architectural lighting landscape lighting, step lighting, decorative lighting and so on.
- This strip can bend at any angle to fit different needs.

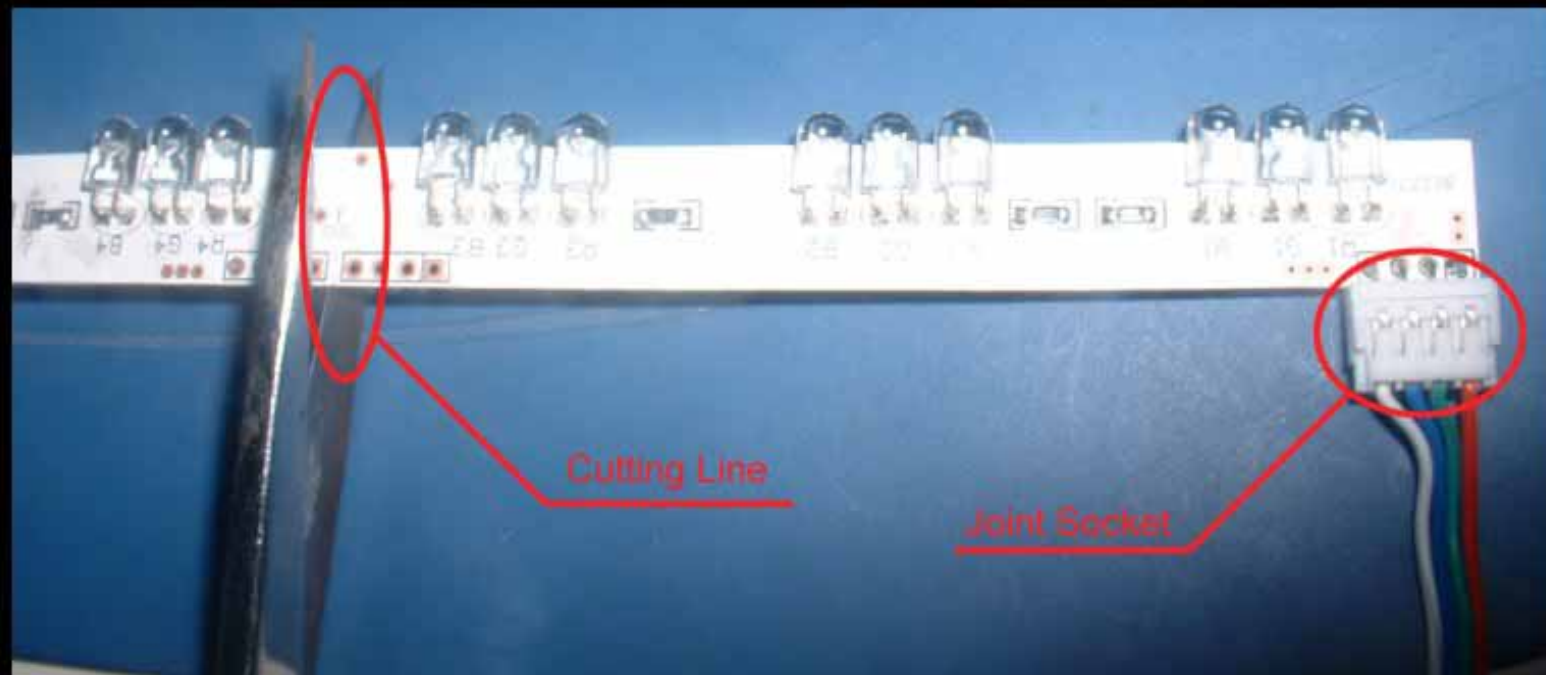


Product & Dimensions



Back side 3M adhesive tape

Cutting & Connection



Color Controller



Main function: RGB color changeable
Life time: Over 50 hours
Input power: 12V/24VDC
Peak current: 1A(shading) 2A(jumping)
Control mode: manual

LED Photovoltaic Parameter

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf(V) Typ.	IV (lm)/led		Total Lum(lm)	View Angle 2 θ 1/2
						Min.	Typ.		
GNL-5464UEC	GaAlInP	Super Red	Water Clear	625	2.0	1.6	1.8	16.2	110°
GNL-5464PGC	InGaN	Pure Green	Water Clear	525	3.5	3.6	4.0	36.0	95°
GNL-5464UBC	InGaN	Super Blue	Water Clear	470	3.5	1.2	1.4	12.6	100°

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