



Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

Popular 2835 LED Strip

- 1. 4mm/5mm/6mm/7mm/8mm/9mm/10mm/12mm width PCB available
- 2. 30/60/72/96/112/120/120/144/168/240/480 LEDs per meter available
- 3. CRI 80/90/95/97 available
- 4. Customized CCT can be made base on request

2200K 2400K 2700K 3000K 4000K 5000K 6000K

*Please contact our sales for the latest details and certificates



2835 Version

	LED QTY	Power	Brightness @4000K Ra90	Increment		Voltage	CRI	IP Rating	Dimension @IP20
			IP20	12V	24V				
	30LED/M	4.8W/M	480lm/M	100mm	167mm	DC12V/DC24V	80/90/95	IP20/64/66/68	L5000*W8mm
	9LED/ft.	1.46W/ft.	146lm/ft.	3.94in	6.57in				L197*W0.31in
	60LED/M	9.6W/M	960lm/M	50mm	100mm	DC12V/DC24V	80/90/95	IP20/64/66/68	L5000*W8mm
	18LED/ft.	2.93W/ft.	292lm/ft.	1.97in	3.94in				L197*W0.31in
	120LED/M	9.6W/M	960lm/M	25mm	50mm	DC12V/DC24V	80/90/95	IP20/64/66/68	L5000*W8mm
	36LED/ft.	2.93W/ft.	292lm/ft.	0.98in	1.97in				L197*W0.31in
	120LED/M	14.4W/M	1440lm/M	25mm	50mm	DC12V/DC24V	80/90/95	IP20/64/66/68	L5000*W10mm
	36LED/ft.	4.39W/ft.	439lm/ft.	0.98in	1.97in				L197*W0.4in
	120LED/M	18W/M	1800lm/M	/	50mm	DC24V	80/90/95	IP20/64/66/68	L5000*W12mm
	36LED/ft.	5.49W/ft.	549lm/ft.	/	1.97in				L197*W0.47in
	144LED/M	12W/M	1200lm/M	/	41.7mm	DC24V	80/90/95	IP20/64/66/68	L5000*W6mm
	43LED/ft.	3.66W/ft.	366lm/ft.	/	1.64in				L197*W0.24in
	144LED/M	16W/M	1600lm/M	/	41.7mm	DC24V	80/90/95	IP20/64/66/68	L5000*W10mm
	43LED/ft.	4.88W/ft.	488lm/ft.	/	1.64in				L197*W0.4in
	180LED/M	12W/M	1200lm/M	16.67mm	33.3mm	DC12V/DC24V	80/90/95	IP20/64/66/68	L5000*W8mm
	54LED/ft.	3.66W/ft.	366lm/ft.	0.66in	1.31in				L197*W0.31in
	180LED/M	18W/M	1800lm/M	/	33.3mm	DC24V	80/90/95	IP20/64/66/68	L5000*W10mm
	54LED/ft.	5.49W/ft.	549lm/ft.	/	1.31in				L197*W0.4in
	240LED/M	19.2W/M	1920lm/M	12.5mm	25mm	DC12V/DC24V	80/90/95	IP20/64/66/68	L5000*W10mm
	73LED/ft.	5.85W/ft.	585lm/ft.	0.49in	0.98in				L197*W0.4in
	240LED/M	26W/M	2600lm/M	/	25mm	DC24V	80/90/95	IP20/64	L5000*W15mm
	72LED/ft.	7.92W/ft.	793lm/ft.	/	0.98in				L197*W0.6in
	360LED/M	30W/M	3000lm/M	/	16.7mm	DC24V	80/90/95	IP20/64	L5000*W20mm
	110LED/ft.	9.14W/ft.	914lm/ft.	/	0.66in				L197*W0.8in
	480LED/M	36W/M	3600lm/M	/	50mm	DC24V	80/90/95	IP20/64	L5000*W30mm
	146LED/ft.	11W/ft.	1097lm/ft.	/	1.97in				L197*W1.2in

High Brightness 2835 60 LEDs/M

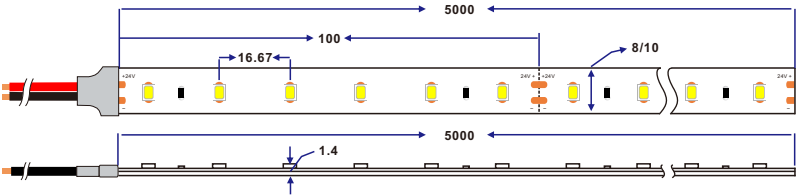
- 1.High brightness, efficiency, luminous flux per meter
- 2.The led is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

2200K 2400K 2700K 3000K 4000K 5000K 6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



ONE BIN ONLY

Technical Detail

LED Type	SMD2835 60LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC12/24V	
Power	9.6W/M	2.93W/ft
Light Efficiency	100lm/W @4000K Ra90	
Luminous Flux	960lm/M	292lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	100mm@24V; 50mm@12V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

IP20 Non-waterproof

IP64 Silicone Coating

IP64 Spray thin glue

IP64 Heat shrinkable sleeve

IP66 Silicone tube

IP67 Half silicone tube with glue filling

IP68 Silicone tube with glue filling

IP65 Silicone extrusion

IP65 Silicone extrusion

IP68 Silicone extrusion

Accessories

Surface mounted

Embedded installation

Corner installation

Hanging installation

Built-in installation

High Brightness 2835 120 LEDs/M

- 1.High brightness, efficiency, luminous flux per meter
- 2.The led is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

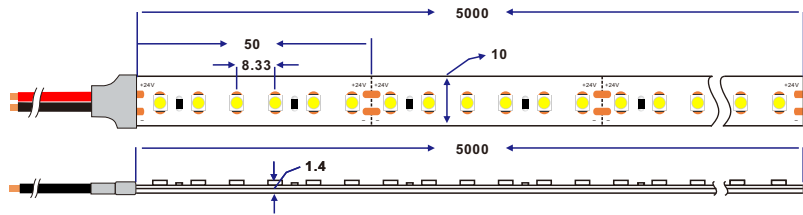
2200K 2400K 2700K 3000K 4000K 5000K 6000K



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Dimension (mm)

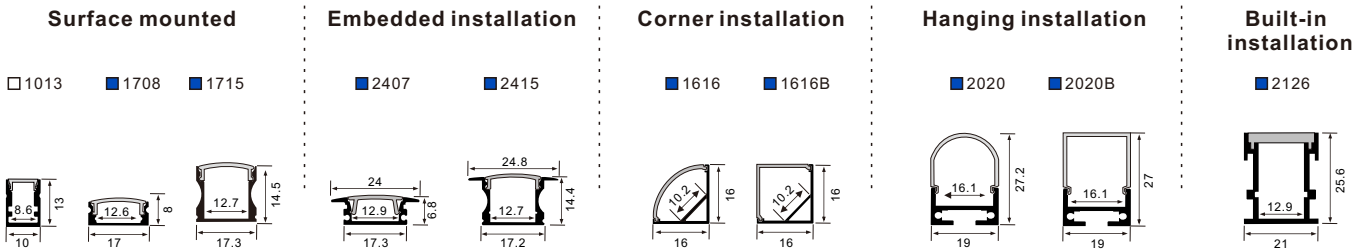


Technical Detail

LED Type	SMD2835 120LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC12/24V	
Power	14.4W/M	4.39W/ft
Light Efficiency	100lm/W @4000K Ra90	
Luminous Flux	1440lm/M	439lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	50mm@24V; 25mm@12V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



High Brightness 2835 180 LEDs/M

- 1.High brightness, efficiency, luminous flux per meter
- 2.The led is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

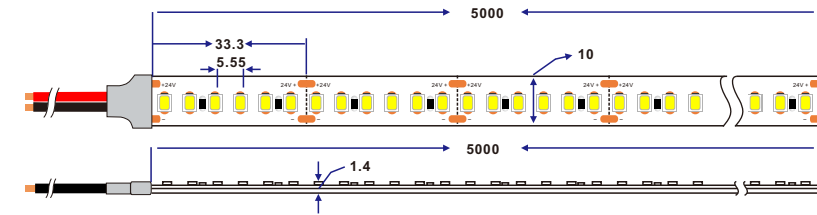
2200K 2400K 2700K 3000K 4000K 5000K 6000K



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Dimension (mm)

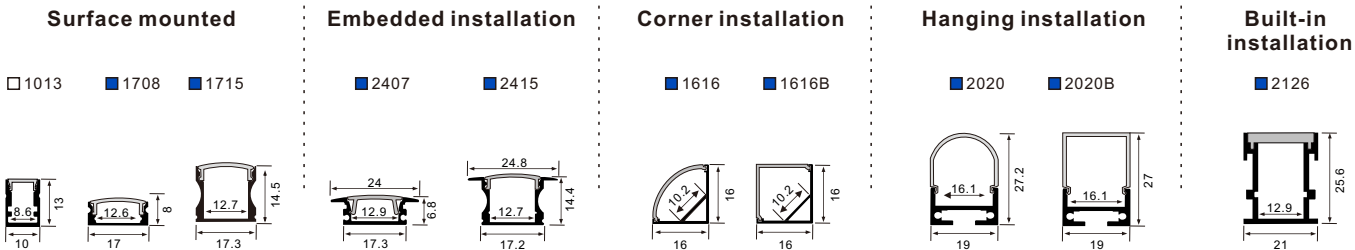


Technical Detail

LED Type	SMD2835 180LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC24V	
Power	18W/M	5.49W/ft
Light Efficiency	100lm/W @4000K Ra90	
Luminous Flux	1800lm/M	549lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	33.3mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



High Brightness 2835 240 LEDs/M

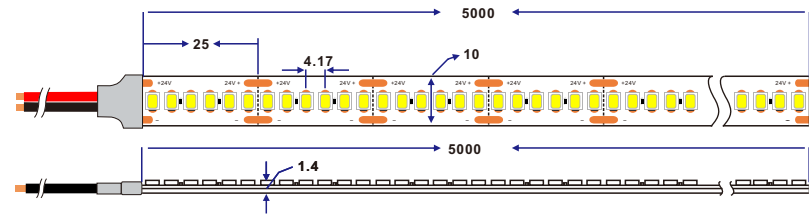
- 1.High brightness, efficiency, luminous flux per meter
- 2.The led is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

2200K2400K2700K3000K4000K5000K6000K

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Dimension (mm)



Technical Detail

LED Type	SMD2835 240LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC12/24V	
Power	19.2W/M	5.85W/ft
Light Efficiency	100lm/W @4000K Ra90	
Luminous Flux	1920lm/M	585lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	25mm@24V; 12.5mm@12V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

Embedded installation

Corner installation

Hanging installation

Built-in installation

High Brightness 2835 480 LEDs/M

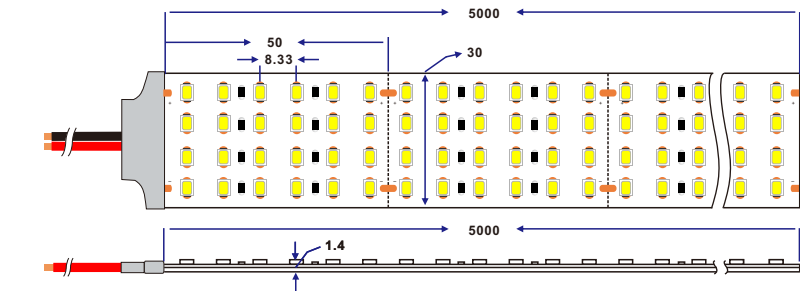
- 1.High brightness, efficiency, luminous flux per meter
- 2.The led is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

2200K2400K2700K3000K4000K5000K6000K

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Dimension (mm)



Technical Detail

LED Type	SMD2835 480LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC24V	
Power	36W/M	11W/ft
Light Efficiency	100lm/W @4000K Ra90	
Luminous Flux	3600lm/M	1097lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	50MM	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

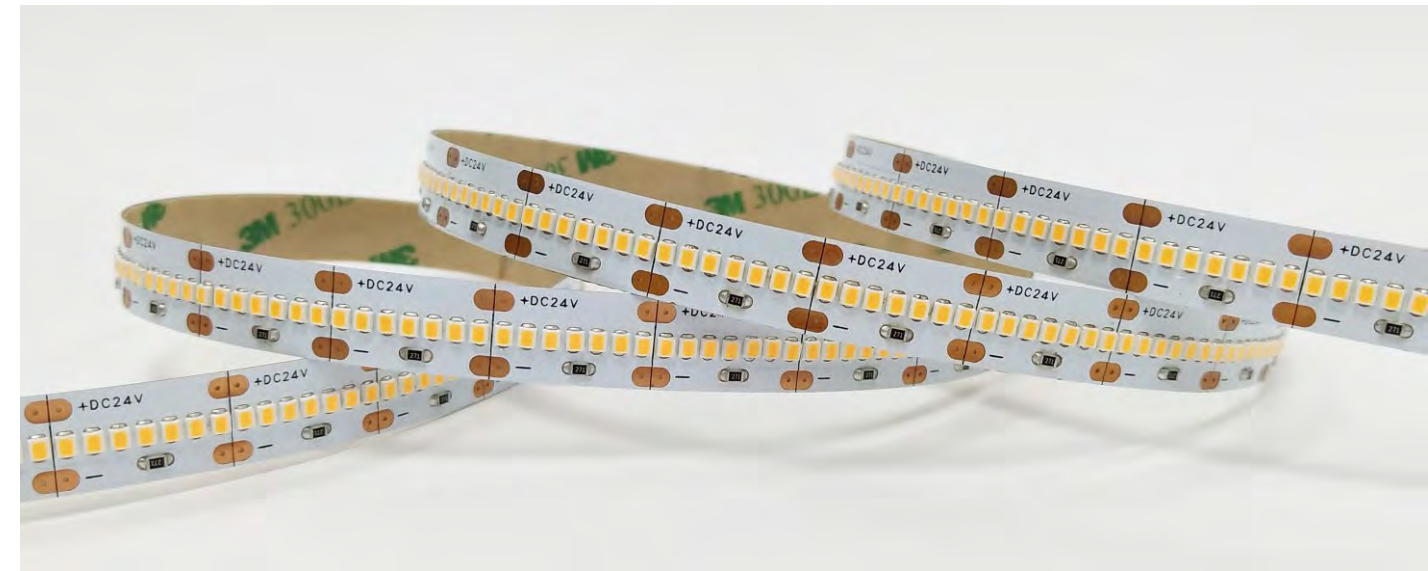
Accessories

Surface mounted

Embedded installation

Hanging installation

2216 LED Strip



- 1. Small chip size, allow to make maximum 420LEDs/M
- 2. Dotless, the LED QTY in most of led strip are over 240LEDs/M
- 3. Complete series, 5/8/10mm width PCB available
- 4. 2216 LED Chip, RA90, color tolerance within 3 steps

2200K

2400K

2700K

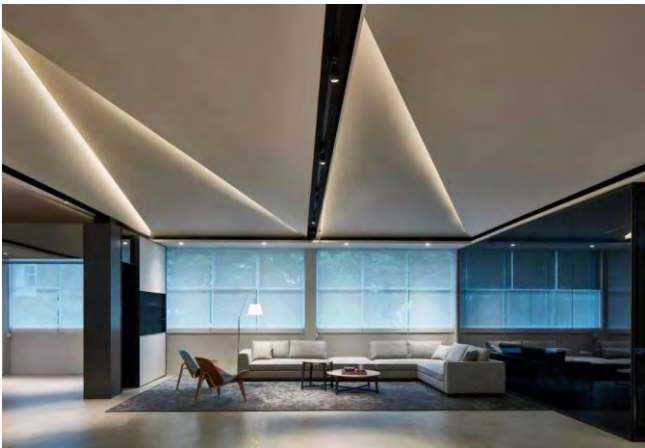
3000K

4000K

5000K

6000K

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2216 Version

		LED QTY	Power	Brightness @4000K Ra90 IP20	Increment 12V 24V		Voltage	CRI	IP Rating	Dimension @IP20
		60LED/M	6W/M	540lm/M	50mm	100mm	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W8mm
		18LED/ft.	1.83W/ft.	165lm/ft.	1.97in	3.94in				L197*W0.31in
		120LED/M	10W/M	900lm/M	25mm	50mm	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W8/10mm
		36LED/ft.	3.05W/ft.	275lm/ft.	0.98in	1.97in				L197*W0.31/0.4in
		126LED/M	10W/M	1000lm/M	/	55.6mm	DC24V	90/95	IP20/64/66/68	L5000*W10mm
		38LED/ft.	3.05W/ft.	305lm/ft.	/	2.19in				L197*W0.4in
		180LED/M	16W/M	1440lm/M	/	33.3mm	DC24V	90/95	IP20/64/66/68	L5000*W8/10mm
		54LED/ft.	4.88W/ft.	439lm/ft.	/	1.31in				L197*W0.31/0.4in
		240LED/M	16W/M	1440lm/M	12.5mm	25mm	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W10mm
		73LED/ft.	4.88W/ft.	439lm/ft.	0.49in	0.98in				L197*W0.4in
		280LED/M	18W/M	1800lm/M	/	25mm	DC24V	90/95	IP20/64/66/68	L5000*W8/10mm
		85LED/ft.	5.49W/ft.	549lm/ft.	/	0.98in				L197*W0.31/0.4in
		288LED/M	18W/M	1620lm/M	/	20.8mm	DC24V	90/95	IP20/64/66/68	L5000*W10mm
		88LED/ft.	5.49W/ft.	494lm/ft.	/	0.82in				L197*W0.4in
		300LED/M	19.2W/M	1728lm/M	/	20mm	DC24V	90/95	IP20/64/66/68	L5000*W10mm
		91LED/ft.	5.85W/ft.	527lm/ft.	/	0.79in				L197*W0.4in
		360LED/M	22W/M	1980lm/M	/	16.7mm	DC24V	90/95	IP20/64/66/68	L5000*W10mm
		110LED/ft.	6.7W/ft.	604lm/ft.	/	0.66in				L197*W0.4in
		364LED/M	18W/M	1800lm/M	/	19.2mm	DC24V	90/95	IP20/64/66/68	L5000*W8mm
		111LED/ft.	5.49W/ft.	549lm/ft.	/	0.76in				L197*W0.31in
		420LED/M	24W/M	2400lm/M	/	16.7mm	DC24V	90/95	IP20/64/66/68	L5000*W10mm
		128LED/ft.	7.32W/ft.	732lm/ft.	/	0.66in				L197*W0.4in
		546LED/M	18W/M	1800lm/M	/	12.8mm	DC24V	90/95	IP20/64/66	L5000*W10mm
		166LED/ft.	5.49W/ft.	549lm/ft.	/	0.5in				L197*W0.4in

High Brightness SMD2216 120 LEDs/M

- 1. 6LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

2200K

2400K

2700K

3000K

4000K

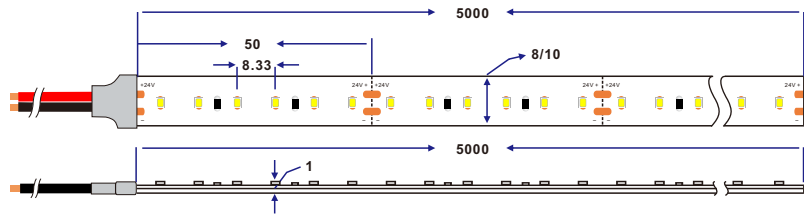
5000K

6000K

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Dimension (mm)



ONE BIN ONLY

Technical Detail

LED Type	SMD2216 120LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC12/24V	
Power	10W/M	3.05W/ft
Light Efficiency	90lm/W @4000K Ra90	
Luminous Flux	900lm/M	275lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	25mm@12V; 50mm@24V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

IP20

Non-waterproof

IP64

Silicone Coating

IP64

Spray thin glue

IP66

Silicone tube

IP67

Half silicone tube with glue filling

IP68

Silicone tube with glue filling

IP65

Silicone extrusion

IP65

Silicone extrusion

IP68

Silicone extrusion

Accessories

Surface mounted

1013

1708

1715

Embedded installation

2407

2415

Corner installation

1616

1616B

Hanging installation

2020

2020B

Built-in installation

2126

High Brightness SMD2216 180 LEDs/M

- 1. 6LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

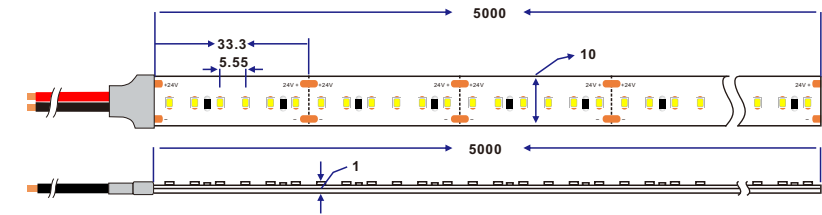
2200K2400K2700K3000K4000K5000K6000K



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Dimension (mm)



Technical Detail

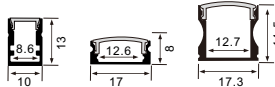
LED Type	SMD2216 180LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	16W/M	4.88W/ft
Light Efficiency	90lm/W @4000K Ra90	
Luminous Flux	1440m/M	439lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	33.3mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

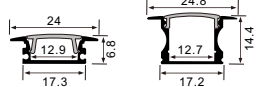
Surface mounted

□1013■1708■1715



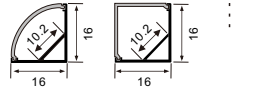
Embedded installation

■2407■2415



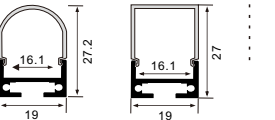
Corner installation

■1616■1616B



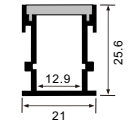
Hanging installation

■2020■2020B



Built-in installation

■2126



High Brightness SMD2216 280 LEDs/M

- 1. 7LED/group design, up to 100lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

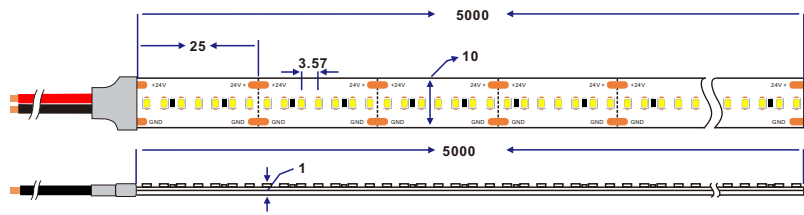
2200K2400K2700K3000K4000K5000K6000K



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Dimension (mm)



Technical Detail

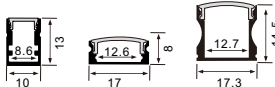
LED Type	SMD2216 280LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	18W/M	5.49W/ft
Light Efficiency	100lm/W @4000K Ra90	
Luminous Flux	1800lm/M	549lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	25mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

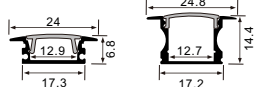
Surface mounted

□1013■1708■1715



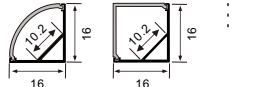
Embedded installation

■2407■2415



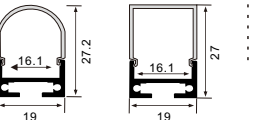
Corner installation

■1616■1616B



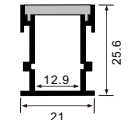
Hanging installation

■2020■2020B



Built-in installation

■2126



High Brightness SMD2216 420 LEDs/M

- 1. 7LED/group design, up to 100lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

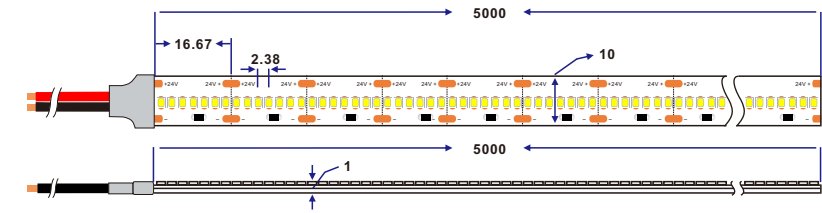
2200K 2400K 2700K 3000K 4000K 5000K 6000K



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Dimension (mm)

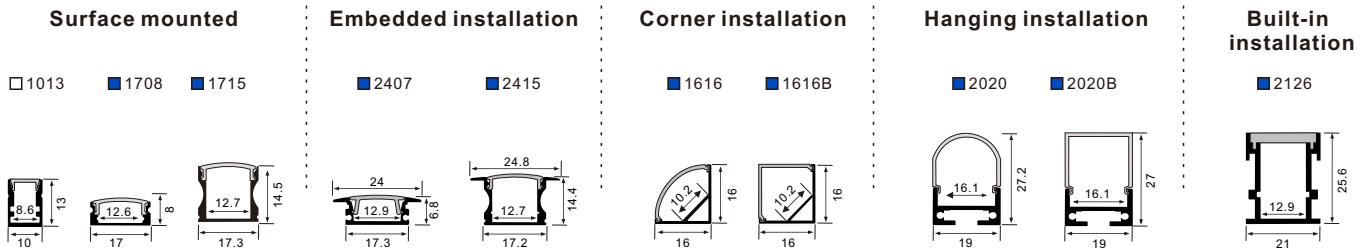


Technical Detail

LED Type	SMD2216 420LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	24W/M	7.32W/ft
Light Efficiency	100lm/W @4000K Ra90	
Luminous Flux	2400m/M	732lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	16.67mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



High Brightness SMD2216 300 LEDs/M

- 1. 6LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

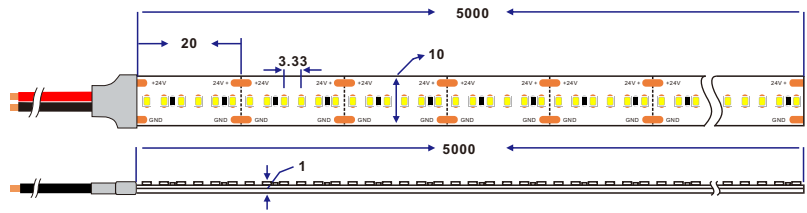
2200K 2400K 2700K 3000K 4000K 5000K 6000K



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Dimension (mm)

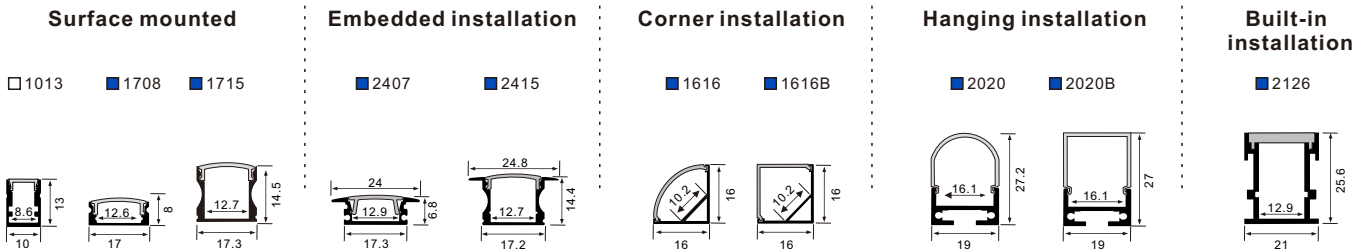


Technical Detail

LED Type	SMD2216 300LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	19.2W/M	5.85W/ft
Light Efficiency	90lm/W @4000K Ra90	
Luminous Flux	1728m/M	527lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	20mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories





Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

2110 LED Strip

- 1. Small chip size, allow to make maximum 1120led/M
- 2. Dotless, the led QTY in most of led strip are over 240led/M
- 3. Strong folding resistance bracket, all to be made to IP68
- 4. Complete series,4/5/8/10mm width PCB available
- 5. 2110 LED Chip, RA90, color tolerance within 3 steps

2200K 2400K 2700K 3000K 4000K 5000K 6000K



*Please contact our sales for the latest details and certificates



2110 Version

	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment 12V 24V	Voltage	CRI	IP Rating	Dimension @IP20
F Energy Efficiency Class	60LED/M 18LED/ft.	4.8W/M 1.46W/ft.	432lm/M 132lm/ft.	50mm 100mm 1.97in 3.94in	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
F Energy Efficiency Class	120LED/M 36LED/ft.	9.6W/M 2.93W/ft.	864lm/M 263lm/ft.	25mm 50mm 0.98in 1.97in	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
F Energy Efficiency Class	140LED/M 42LED/ft.	11W/M 3.35W/ft.	1045lm/M 318lm/ft.	/ 50mm / 1.97in	DC24V	90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
F Energy Efficiency Class	180LED/M 54LED/ft.	12W/M 3.66W/ft.	1080lm/M 330lm/ft.	16.67mm 33.3mm 0.66in 1.31in	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
NEW F Energy Efficiency Class	210LED/M 61LED/ft.	14.4W/M 4.39W/ft.	1368lm/M 417lm/ft.	/ 33.3mm / 1.31in	DC24V	90/95	IP20/64/66/68	L5000*W10mm L197*W0.4in
NEW F Energy Efficiency Class	238LED/M 72LED/ft.	16W/M 4.88W/ft.	1520lm/M 463lm/ft.	/ 29.4mm / 1.16in	DC24V	90/95	IP20/64/66/68	L5000*W10mm L197*W0.4in
F Energy Efficiency Class	240LED/M 73LED/ft.	14.4W/M 4.3 W/ft.	1296lm/M 395lm/ft.	12.5mm 25mm 0.49in 0.98in	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
F Energy Efficiency Class	300LED/M 91LED/ft.	16W/M 4.88W/ft.	1440lm/M 439lm/ft.	10mm 20mm 0.79in 0.79in	DC12V/DC24V	90/95	IP20/64/66/68	L5000*W8/10mm L197*W0.31/0.4in
NEW F Energy Efficiency Class	360LED/M 110LED/ft.	17W/M 5.18W/ft.	1530lm/M 466lm/ft.	/ 16.7mm / 0.66in	DC24V	90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
F Energy Efficiency Class	700LED/M 213LED/ft.	18W/M 5.49W/ft.	1710lm/M 521lm/ft.	/ 10mm / 0.79in	DC24V	90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
NEW F Energy Efficiency Class	1120LED/M 341LED/ft.	28.8W/M 8.78W/ft.	2736lm/M 833lm/ft.	/ 12.5mm / 0.49in	DC24V	90/95	IP20/64	L5000*W12mm L197*W0.47in

High Brightness SMD2110 120 LEDs/M

- 1. 6LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

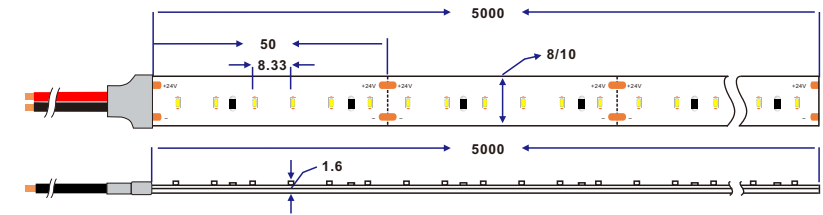
2200K 2400K 2700K 3000K 4000K 5000K 6000K



*Please contact our sales for the latest details and certificates



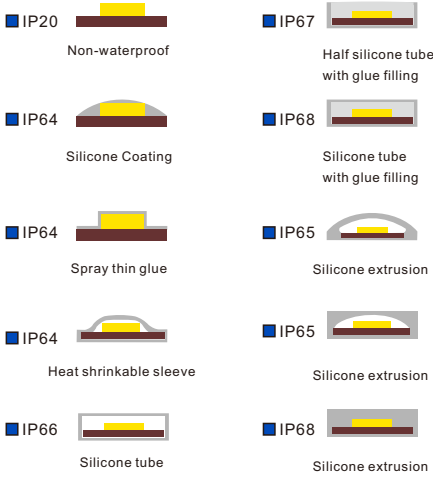
Dimension (mm)



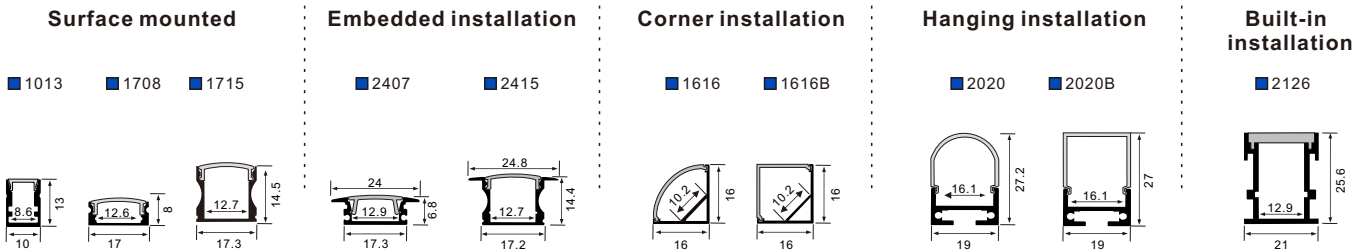
Technical Detail

LED Type	SMD2110 120LED/M
Color	1800K-8000K
Color Rendering Index	Ra>90/95+
Voltage Input	DC24V/12V
Power	9.6W/M 2.93W/ft
Light Efficiency	90lm/W @4000K Ra90
Luminous Flux	864m/M 263lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	25mm@12V; 50mm@24V

* PCB width, CRI, power and lumen can be customized as per your specified demands.



Accessories



High Brightness SMD2110 240 LEDs/M

- 1. 6LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

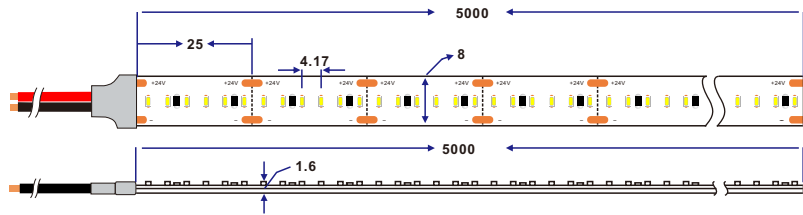
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD2110 240LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC12/24V	
Power	14.4W/M	4.39W/ft
Light Efficiency	90lm/W @4000K Ra80	
Luminous Flux	1296lm/M	395lm/ft @4000K Ra80
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	12.5mm@12V; 25mm@24V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

101317081715



Embedded installation

24072415



Corner installation

16161616B



Hanging installation

20202020B



Built-in installation

2126



High Brightness SMD2110 360 LEDs/M

- 1. 6LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

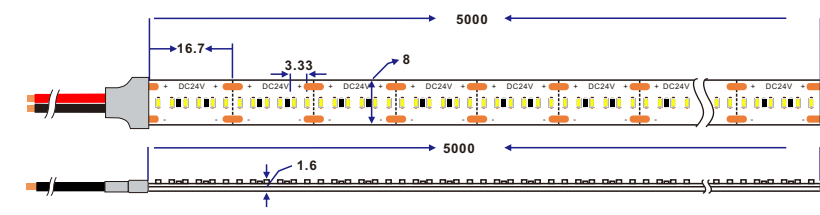
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD2110 360LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	17W/M	5.18W/ft
Light Efficiency	90lm/W @4000K Ra90	
Luminous Flux	1530m/M	466lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	16.7mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

101317081715



Embedded installation

24072415



Corner installation

16161616B



Hanging installation

20202020B



Built-in installation

2126



High Brightness SMD2110 700 LEDs/M

- 1. 7LED/group design, up to 95lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

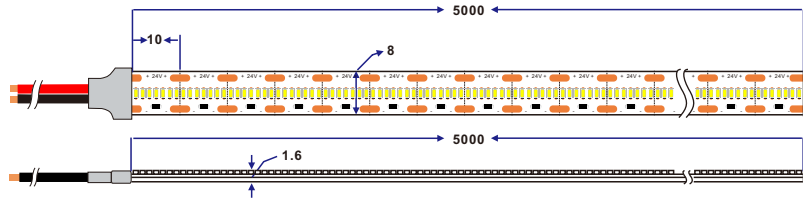
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD2110 700LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	18W/M	5.49W/ft
Light Efficiency	95lm/W @4000K Ra90	
Luminous Flux	1710lm/M	521lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	10mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

□ 1013

■ 1708

■ 1715



Embedded installation

■ 2407

■ 2415



Corner installation

■ 1616

■ 1616B



Hanging installation

■ 2020

■ 2020B



Built-in installation

■ 2126



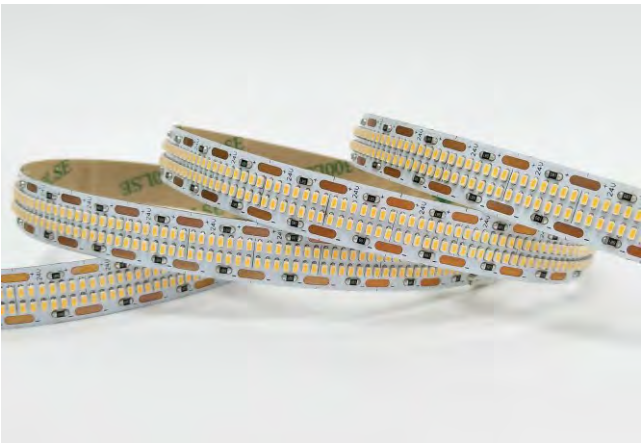
High Brightness SMD2110 1120 LEDs/M

- 1. 7LED/group design, up to 95lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

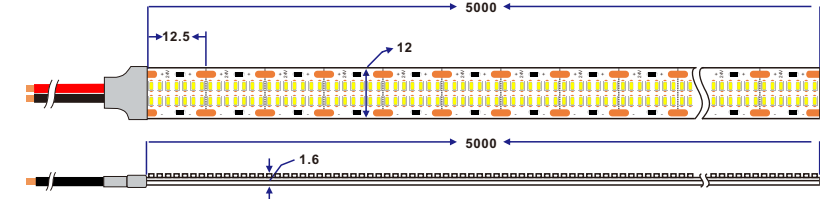
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD2110 1120LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	28.8W/M	8.78W/ft
Light Efficiency	95lm/W @4000K Ra90	
Luminous Flux	2736m/M	833lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	12.5mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

□ 1013

■ 1708

■ 1715



Embedded installation

■ 2407

■ 2415



Corner installation

■ 3030

■ 3030B



Hanging installation

■ 2020

■ 2020B



Built-in installation

■ 2126





Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

3528 & 5730 LED Strip

- 1. Complete product series, covering 3528 & 5630 LED strip
- 2. Super bright LED, LM-80, 97.4% lumen remains after 6000H testing
- 3. Using 3M adhesive tape, long-lasting adhesion without peeling off
- 4. Use double PCB, made of pure copper, best heat sink

2200K 2400K 2700K 3000K 4000K 5000K 6000K

*Please contact our sales for the latest details and certificates



3528 Version

	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment 12V24V	Voltage	CRI	IP Rating	Dimension @IP20
F Energy Efficiency Class	30LED/M 9LED/ft.	2.4W/M 0.73W/ft.	216lm/M 66lm/ft.	100mm3.94in 167mm6.57in	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W8mm L197*W0.31in
F Energy Efficiency Class	60LED/M 18LED/ft.	4.8W/M 1.46W/ft.	432lm/M 132lm/ft.	50mm1.97in 100mm3.94in	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W8mm L197*W0.31in
F Energy Efficiency Class	120LED/M 36LED/ft.	9.6W/M 2.93W/ft.	864lm/M 263lm/ft.	25mm0.98in 50mm1.97in	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
F Energy Efficiency Class	180LED/M 54LED/ft.	14.4W/M 5.49W/ft.	1296lm/M 395lm/ft.	16.67mm0.66in 33.3mm1.31in	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
F Energy Efficiency Class	240LED/M 73LED/ft.	19.2W/M 5.85W/ft.	1728lm/M 527lm/ft.	12.5mm0.49in 25mm0.98in	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
F Energy Efficiency Class	240LED/M 72LED/ft.	19.2W/M 5.85W/ft.	1728lm/M 527lm/ft.	/1.97in	DC24V	80/90	IP20/64/66/68	L5000*W15mm L197*W0.6in

5730 Version

	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment 12V24V	Voltage	CRI	IP Rating	Dimension @IP20
F Energy Efficiency Class	30LED/M 9LED/ft.	7.5W/M 2.29W/ft.	788lm/M 240lm/ft.	100mm3.94in 167mm6.57in	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
F Energy Efficiency Class	60LED/M 18LED/ft.	15W/M 4.57W/ft.	1575lm/M 480lm/ft.	50mm1.97in 100mm3.94in	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
F Energy Efficiency Class	120LED/M 36LED/ft.	24W/M 7.32W/ft.	2520lm/M 768lm/ft.	/1.97in	DC24V	80/90	IP20/64	L5000*W20mm L197*W0.8in

High Brightness 3528 120 LEDs/M

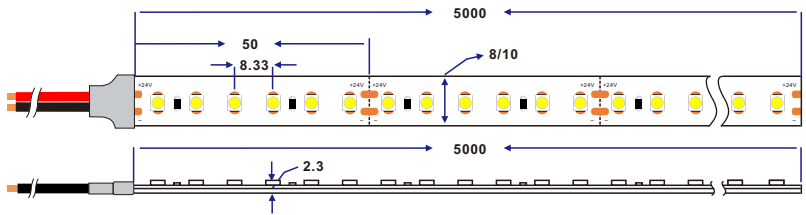
- 1.High brightness, efficiency, luminous flux per meter
- 2.The LED is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

2200K 2400K 2700K 3000K 4000K 5000K 6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



ONE BIN ONLY

Technical Detail

LED Type	SMD3528 120LED/M
Color	1800K-8000K
Color Rendering Index	Ra>80/90/95+
Voltage Input	DC12/24V
Power	9.6W/M 2.93W/ft
Light Efficiency	90lm/W @4000K Ra90
Luminous Flux	864lm/M 263lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	50mm@24V; 25mm@12V

* PCB width, CRI, power and lumen can be customized as per your specified demands.

IP20

Non-waterproof

IP67

Half silicone tube with glue filling

IP64

Silicone Coating

IP68

Silicone tube with glue filling

IP64

Spray thin glue

IP65

Silicone extrusion

IP64

Heat shrinkable sleeve

IP65

Silicone extrusion

IP66

Silicone tube

IP68

Silicone extrusion

Accessories

Surface mounted

□ 1013 ■ 1708 ■ 1715

Embedded installation

■ 2407 ■ 2415

Corner installation

■ 1616 ■ 1616B

Hanging installation

■ 2020 ■ 2020B

Built-in installation

■ 2126

High Brightness 5730 60 LEDs/M

- 1.High brightness, efficiency, luminous flux per meter
- 2.The LED is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

2200K

2400K

2700K

3000K

4000K

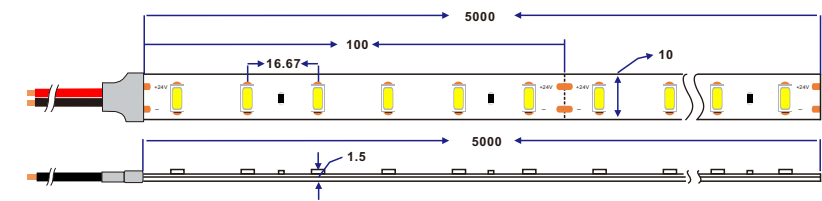
5000K

6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



ONE BIN ONLY

Technical Detail	
LED Type	SMD5730 60LED/M
Color	1800K-8000K
Color Rendering Index	Ra>80/90
Voltage Input	DC12/24V
Power	15W/M 4.57W/ft
Light Efficiency	105lm/W @4000K Ra90
Luminous Flux	1575lm/M 480lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	100mm@24V; 50mm@12V

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

□1013

■1708

■1715

Embedded installation

■2407

■2415

Corner installation

■1616

■1616B

Hanging installation

■2020

■2020B

Built-in installation

■2126

5050 & 3014 LED Strip



- 1. Completeproduct series, covering 5050 & 3014 LED strip
- 2. Super bright LED, LM-80, 97.4% lumen remains after 6000H testing
- 3. Using 3M adhesive tape, long-lasting adhesion without peeling off
- 4. Use double PCB, made of pure copper, best heat sink

2200K

2400K

2700K

3000K

4000K

5000K

6000K

*Please contact our sales for the latest details and certificates



5050 Version

	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment		Voltage	CRI	IP Rating	Dimension @IP20
				12V	24V				
	30LED/M	7.2W/M	684lm/M	100mm	167mm	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
	9LED/ft.	2.19W/ft.	208lm/ft.	3.94in	6.57in				
	60LED/M	14.4W/M	1368lm/M	50mm	100mm	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
	18LED/ft.	5.49W/ft.	417lm/ft.	1.97in	3.94in				
	96LED/M	16W/M	1520lm/M	/	62.5mm	DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
	29LED/ft.	4.89W/ft.	463lm/ft.	/	2.46in				
	120LED/M	18W/M	1710lm/M	25mm	50mm	DC12V	80/90	IP20/64/66/68	L5000*W10.5mm L197*W0.41in
	36LED/ft.	5.49W/ft.	521lm/ft.	0.98in	1.97in				
	120LED/M	24W/M	2280lm/M	/	50mm	DC24V	80/90	IP20/64/66/68	L5000*W20mm L197*W0.8in
	36LED/ft.	7.32W/ft.	695lm/ft.	/	1.97in				

3014 Version

	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment		Voltage	CRI	IP Rating	Dimension @IP20
				12V	24V				
	60LED/M	6W/M	570lm/M	50mm	100mm	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W8mm L197*W0.31in
	18LED/ft.	1.83W/ft.	174lm/ft.	1.97in	3.94in				
	120LED/M	10W/M	950lm/M	25mm	50mm	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W8mm L197*W0.31in
	36LED/ft.	3.05W/ft.	290lm/ft.	0.98in	1.97in				
	204LED/M	14W/M	1330lm/M	14.7mm	29.4mm	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
	62LED/ft.	4.27W/ft.	405lm/ft.	0.58in	1.16in				
	240LED/M	16W/M	1520lm/M	12.5mm	25mm	DC12V/DC24V	80/90	IP20/64/66/68	L5000*W10mm L197*W0.4in
	73LED/ft.	4.88W/ft.	464lm/ft.	0.49in	0.98in				

High Brightness 5050 60 LEDs/M

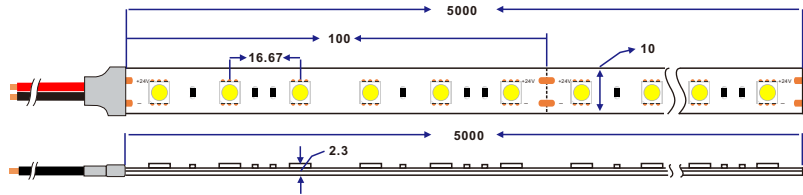
- 1.High brightness, efficiency, luminous flux per meter
- 2.The LED is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

2200K2400K2700K3000K4000K5000K6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD5050 60LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>80/90	
Voltage Input	DC12/24V	
Power	14.4W/M	5.49W/ft
Light Efficiency	95lm/W @4000K Ra90	
Luminous Flux	1368lm/M	417lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	100mm@24V; 50mm@12V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

□ 1013

■ 1708

■ 1715

Embedded installation

■ 2407

■ 2415

Corner installation

■ 1616

■ 1616B

Hanging installation

■ 2020

■ 2020B

Built-in installation

■ 2126

High Brightness 3014 120 LEDs/M

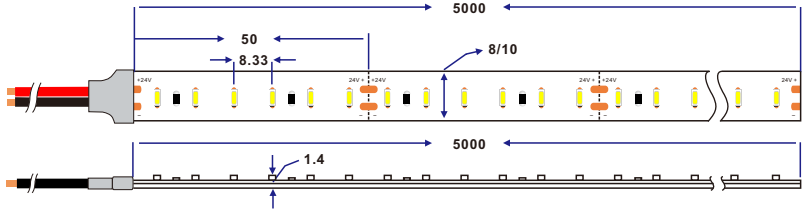
- 1.High brightness, efficiency, luminous flux per meter
- 2.The LED is made of copper bracket and pure gold wire with more stable quality
- 3. Cuttable and re-connectable with various connectors

2200K2400K2700K3000K4000K5000K6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD3014 120LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>80/90	
Voltage Input	DC12/24V	
Power	10W/M	3.05W/ft
Light Efficiency	95lm/W @4000K Ra90	
Luminous Flux	950lm/M	290lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	50mm@24V; 25mm@12V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

□ 1013

■ 1708

■ 1715

Embedded installation

■ 2407

■ 2415

Corner installation

■ 1616

■ 1616B

Hanging installation

■ 2020

■ 2020B

Built-in installation

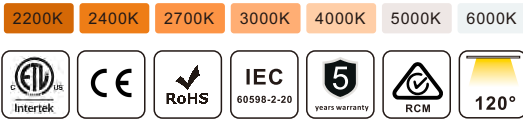
■ 2126



Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

2216 Ultra Thin LED Strip

- 1. 5mm width only, can meet the needs of ultra narrow applications
- 2. 160-360 LEDs/m, suitable for different application locations
- 3. Use double PCB, made of pure copper, best heat sink
- 4. OEM & ODM service available



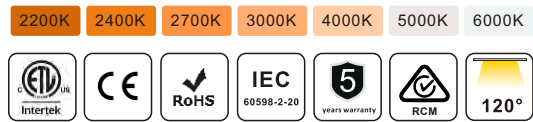
*Please contact our sales for the latest details and certificates

2216 Ultra Thin Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
F Energy Efficiency Class	2216	160LED/M	8W/M	800lm/M	50mm	DC24V	90/95	IP20/66	L5000*W5mm
		49LED/ft.	2.44W/ft.	244lm/ft.	1.97in				L197*W0.2in
F Energy Efficiency Class	2216	168LED/M	9.6W/M	912lm/M	41.7mm	DC24V	90/95	IP20/66	L5000*W5mm
		51LED/ft.	2.93W/ft.	278lm/ft.	1.64in				L197*W0.2in
F Energy Efficiency Class	2216	180LED/M	10W/M	900lm/M	16.7mm	DC12V	90/95	IP20/66	L5000*W5mm
		55LED/ft.	3.05W/ft.	274lm/ft.	0.66in				L197*W0.2in
NEW F Energy Efficiency Class	2216	182LED/M	10W/M	1000lm/M	38.5mm	DC24V	90/95	IP20/66	L5000*W4mm
		55LED/ft.	3.05W/ft.	305lm/ft.	1.52in				L197*W0.16in
F Energy Efficiency Class	2216	198LED/M	11W/M	990lm/M	15.2mm	DC12V	90/95	IP20/66	L5000*W5mm
		60LED/ft.	3.35W/ft.	302lm/ft.	0.6in				L197*W0.2in
NEW F Energy Efficiency Class	2216	238LED/M	12W/M	1200lm/M	29.4mm	DC24V	90/95	IP20/66	L5000*W4mm
		73LED/ft.	3.66W/ft.	366lm/ft.	1.16in				L197*W0.16in
NEW F Energy Efficiency Class	2216	266LED/M	14W/M	1400lm/M	26.3mm	DC24V	90/95	IP20/66	L5000*W4mm
		81LED/ft.	4.27W/ft.	427lm/ft.	1.04in				L197*W0.16in
F Energy Efficiency Class	2216	300LED/M	12W/M	1080lm/M	20mm	DC24V	90/95	IP20/66	L5000*W5mm
		91LED/ft.	3.66W/ft.	329lm/ft.	0.79in				L197*W0.2in
NEW F Energy Efficiency Class	2216	322LED/M	12W/M	1140lm/M	21.7mm	DC24V	90/95	IP20/66	L5000*W5mm
		98LED/ft.	3.66W/ft.	347lm/ft.	0.85in				L197*W0.2in
F Energy Efficiency Class	2216	360LED/M	12W/M	1080lm/M	16.7mm	DC24V	90/95	IP20/66	L5000*W5mm
		110LED/ft.	3.66W/ft.	329lm/ft.	0.66in				L197*W0.2in

Ultra Thin LED Strip SMD2216 180 LEDs/M

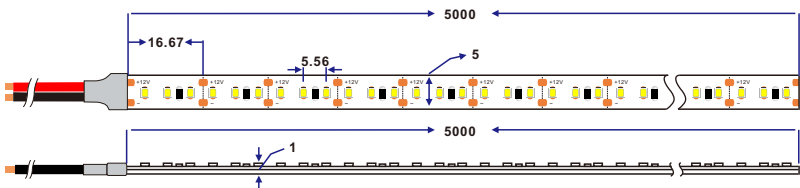
- 1. 3LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors



*Please contact our sales for the latest details and certificates



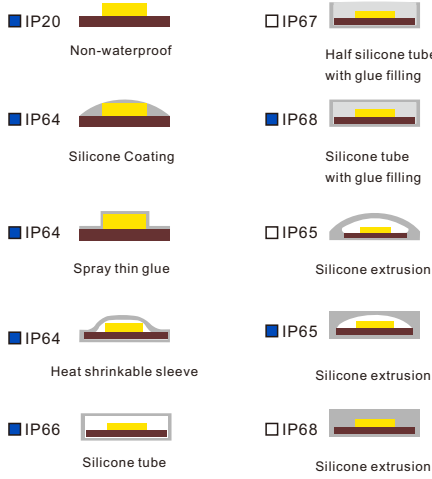
Dimension (mm)



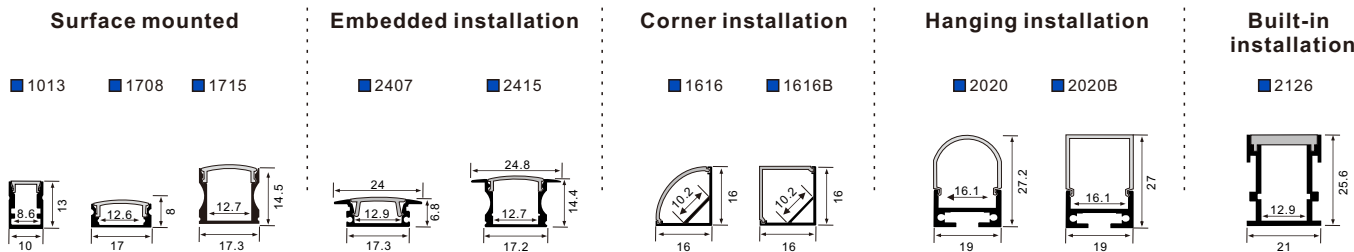
Technical Detail

LED Type	SMD2216 180LED/M
Color	1800K-8000K
Color Rendering Index	Ra>90/95+
Voltage Input	DC12V
Power	10W/M 3.05W/ft
Light Efficiency	90lm/W @4000K Ra90
Luminous Flux	900m/M 274lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	16.7mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.



Accessories



Ultra Thin LED Strip SMD2216 280 LEDs/M

- 1. 7LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

2200K

2400K

2700K

3000K

4000K

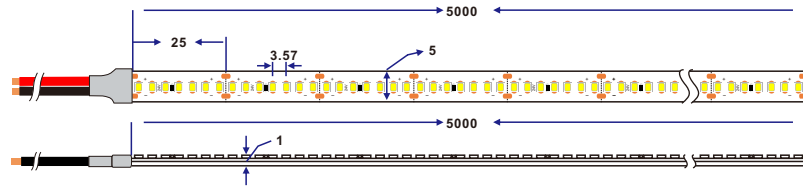
5000K

6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



ONE BIN ONLY

Technical Detail

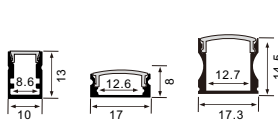
LED Type	SMD2216 280LED/M	
Color	1800K-8000K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	12W/M	3.66W/ft
Light Efficiency	96lm/W @4000K Ra90	
Luminous Flux	1152lm/M	361lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	25mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

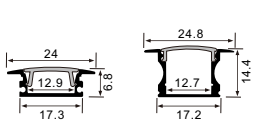
Surface mounted

1013 1708 1715



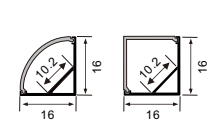
Embedded installation

2407 2415



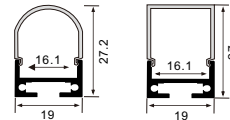
Corner installation

1616 1616B



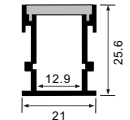
Hanging installation

2020 2020B



Built-in installation

2126



2835 & 2110 Ultra Thin LED Strip



- 1. 4mm/5mm width optional to meet the needs of ultra narrow applications
- 2. High brightness with low decay
- 3. Use double PCB, made of pure copper, best heat sink
- 4. OEM & ODM service available

2200K

2400K

2700K

3000K

4000K

5000K

6000K

*Please contact our sales for the latest details and certificates



2835 Ultra Thin Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
F Energy Efficiency Class	2835	90LED/M 27LED/ft.	6W/M 1.83W/ft.	600lm/M 183lm/ft.	33.3mm 1.31in	DC12V	80/90/95	IP20/66	L5000*W4mm L197*W0.16in
F Energy Efficiency Class	2835	120LED/M 37LED/ft.	9.6W/M 2.93W/ft.	960lm/M 293lm/ft.	50mm 1.97in	DC24V	80/90/95	IP20/66	L5000*W4/5mm L197*W0.16/0.2in
F Energy Efficiency Class	2835	140LED/M 43LED/ft.	9.6W/M 2.93W/ft.	1114lm/M 340lm/ft.	50mm 1.97in	DC24V	80/90/95	IP20/66	L5000*W5mm L197*W0.2in
NEW E Energy Efficiency Class	2835	160LED/M 49LED/ft.	8W/M 2.44W/ft.	1066lm/M 283lm/ft.	50mm 1.97in	DC24V	80/90/95	IP20/66	L5000*W5mm L197*W0.2in
NEW F Energy Efficiency Class	2835	168LED/M 51LED/ft.	12W/M 3.66W/ft.	1392lm/M 424lm/ft.	41.7mm 1.64in	DC24V	80/90/95	IP20/66	L5000*W5mm L197*W0.2in

2110 Ultra Thin Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
F Energy Efficiency Class	2110	180LED/M 55LED/ft.	10W/M 3.05W/ft.	900lm/M 274lm/ft.	33.3mm 1.31in	DC24V	90/95	IP20/66	L5000*W5mm L197*W0.2in
F Energy Efficiency Class	2110	240LED/M 73LED/ft.	11W/M 3.35W/ft.	990lm/M 302lm/ft.	25mm 0.98in	DC24V	90/95	IP20/66	L5000*W5mm L197*W0.2in
NEW F Energy Efficiency Class	2110	280LED/M 85LED/ft.	12W/M 3.66W/ft.	1140lm/M 347lm/ft.	25mm 0.98in	DC24V	90/95	IP20/66	L5000*W5mm L197*W0.2in
NEW F Energy Efficiency Class	2110	300LED/M 91LED/ft.	12W/M 3.66W/ft.	1080lm/M 329lm/ft.	20mm 0.79in	DC24V	90/95	IP20/66	L5000*W5mm L197*W0.2in

Ultra Thin LED Strip SMD2110 180 LEDs/M

- 1. 6LED/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. Cuttable and re-connectable with various connectors

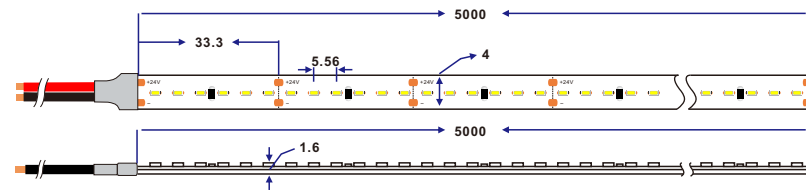
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)

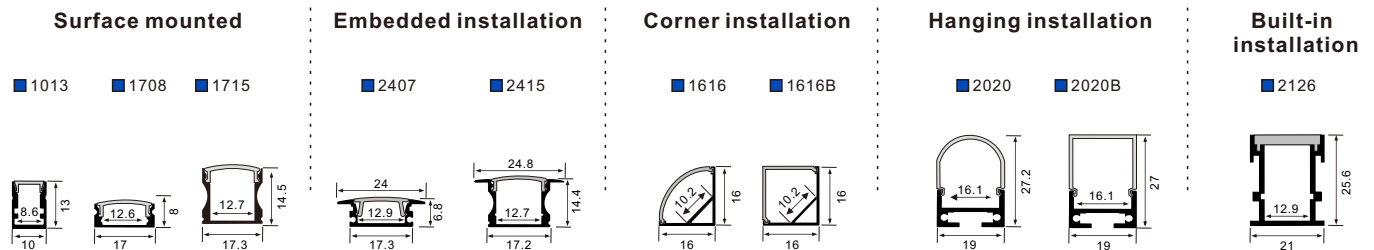


Technical Detail

LED Type	SMD2110 180LED/M
Color	1800K-8000K
Color Rendering Index	Ra>90/95+
Voltage Input	DC12/24V
Power	10W/M 3.05W/ft
Light Efficiency	90lm/W @4000K Ra80
Luminous Flux	900lm/M 274lm/ft @4000K Ra80
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	33.3mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



Ultra Thin LED Strip SMD2835 90 LEDs/M

- 1. 4/5mm width is optional to meet the needs of ultra narrow applications
- 2. 60/90/120/280 leds/m, suitable for different application locations
- 3. The product covers different colors such as single/dual/rgb colors.

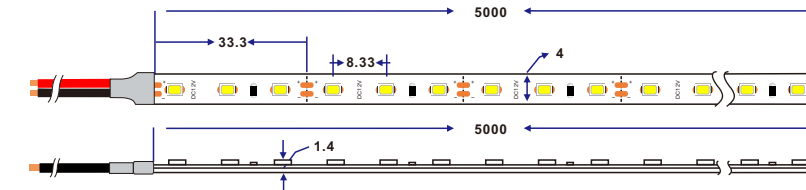
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)

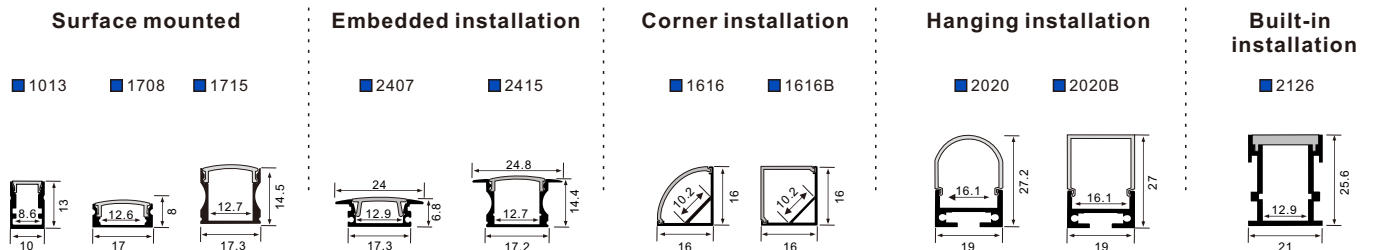


Technical Detail

LED Type	SMD2835 90LED/M
Color	1800K+8000K
Color Rendering Index	Ra>80/90/95+
Voltage Input	DC12V
Power	6W/M 1.83W/ft
Light Efficiency	100lm/W@4000K Ra90
Luminous Flux	600m/M 183lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	33.3mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories





Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

CCT & Colors Ultra Thin LED Strip

- 1. 5mm width only, can meet the needs of ultra narrow applications
- 2. Complete product series, including CCT, RGB and RGBW
- 3. Use double PCB, made of pure copper, best heat sink
- 4. OEM & ODM service available



*Please contact our sales for the latest details and certificates



CCT Ultra Thin 2700-6500K Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
	2110	280LED/M 85LED/ft.	9.6W/M 2.93W/ft.	912lm/M 278lm/ft.	50mm 1.97in	DC24V	90/95	IP20/66	L5000*W5mm L197*W0.2in
	2216	280LED/M 85LED/ft.	9.6W/M 2.93W/ft.	912lm/M 278lm/ft.	50mm 1.97in	DC24V	90/95	IP20/66	L5000*W5mm L197*W0.2in
	2216	300LED/M 91LED/ft.	12W/M 3.66W/ft.	1080lm/M 329lm/ft.	20mm 0.79in	DC12V	90/95	IP20/66	L5000*W5mm L197*W0.2in

Colors Ultra Thin Version

	LED Type	LED QTY	Power	Brightness	Increment	Voltage	Colors	IP Rating	Dimension @IP20
	3838	60LED/M 18LED/ft.	8W/M 2.44W/ft.	280lm/M 85lm/ft.	100mm 3.94in	DC24V	RGB	IP20/66/68	L5000*W5mm L197*W0.2in
	3838	96LED/M 29LED/ft.	10W/M 3.05W/ft.	350lm/M 107lm/ft.	31.2mm 1.23in	DC12V	RGB	IP20/66/68	L5000*W5mm L197*W0.2in
	3838	120LED/M 37LED/ft.	12W/M 3.66W/ft.	420lm/M 128lm/ft.	50mm 1.97in	DC24V	RGB	IP20/66/68	L5000*W5mm L197*W0.2in
	3838	120LED/M 37LED/ft.	14.4W/M 4.39W/ft.	648lm/M 198lm/ft.	50mm 1.97in	DC24V	RGBW	IP20/66/68	L5000*W8mm L197*W0.31in

Ultra Thin LED Strip SMD2216 CCT 280 LEDs/M

- 1. 14LEDs/group design, up to 90lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. 5mm width only, can meet the needs of ultra narrow applications

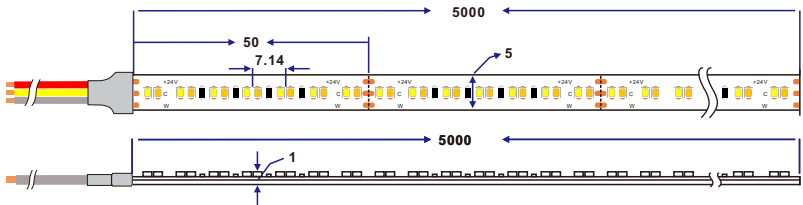
2200K 2400K 2700K 3000K 4000K 5000K 6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)

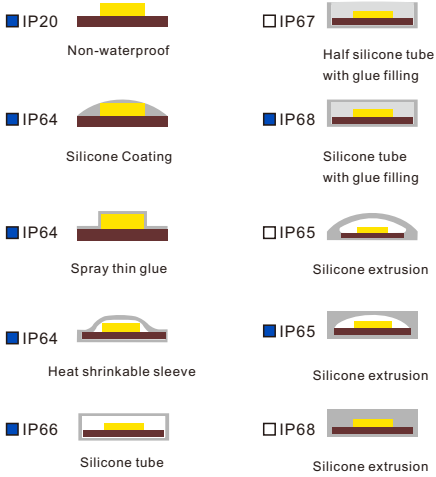


ONE BIN ONLY

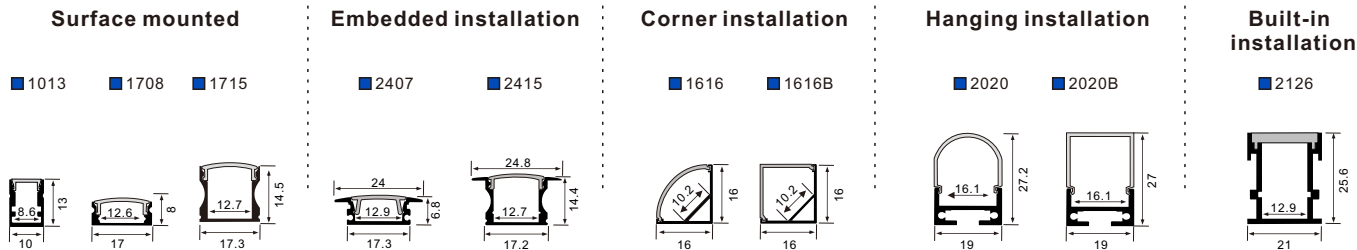
Technical Detail

LED Type	SMD2216 280led/M
Color	2700K-6500K
Color Rendering Index	Ra>90/95+
Voltage Input	DC24V
Power	9.6W/M 2.93W/ft
Light Efficiency	90lm/W @4000K Ra80
Luminous Flux	912lm/M 278lm/ft @4000K Ra80
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	50mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

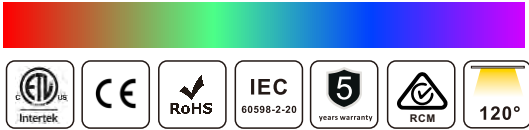


Accessories



Ultra Thin LED Strip SMD3838 RGB 120 LEDs/M 5mm

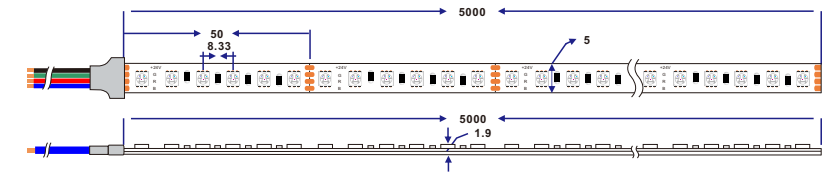
- 1. 6LED/group design, up to 35lm/W
- 2. High brightness, efficiency, luminous flux per meter
- 3. 5mm width only, can meet the needs of ultra narrow applications



*Please contact our sales for the latest details and certificates



Dimension (mm)

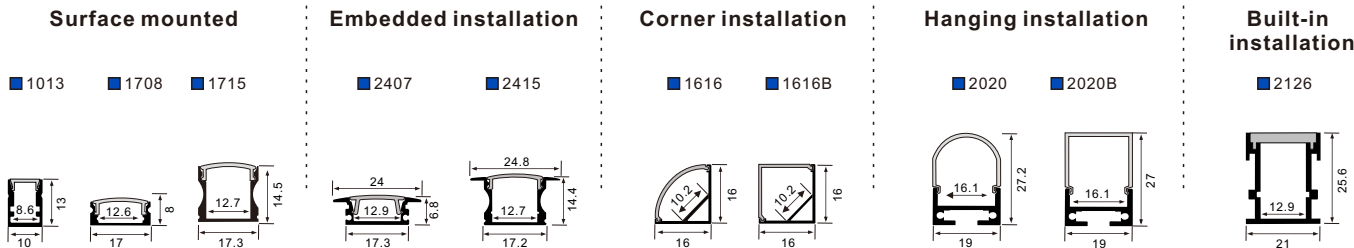


Technical Detail

LED Type	SMD3838 120LED/M	
Color	RGB	
Color Rendering Index	/	
Voltage Input	DC12/24V	
Power	12W/M	3.66W/ft
Light Efficiency	35lm/W	
Luminous Flux	420m/M	128lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	25mm@12V; 50mm@24V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



Ultra Thin LED Strip SMD3838 RGBW 120 LEDs/M 8mm

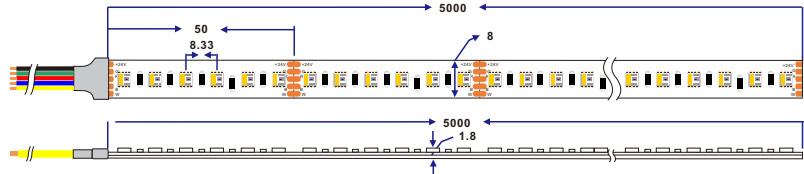
- 1. 8mm width RGBW design
- 2. 120LEDs/m, suitable for different application locations
- 3. High brightness, efficiency, luminous flux per meter



*Please contact our sales for the latest details and certificates



Dimension (mm)

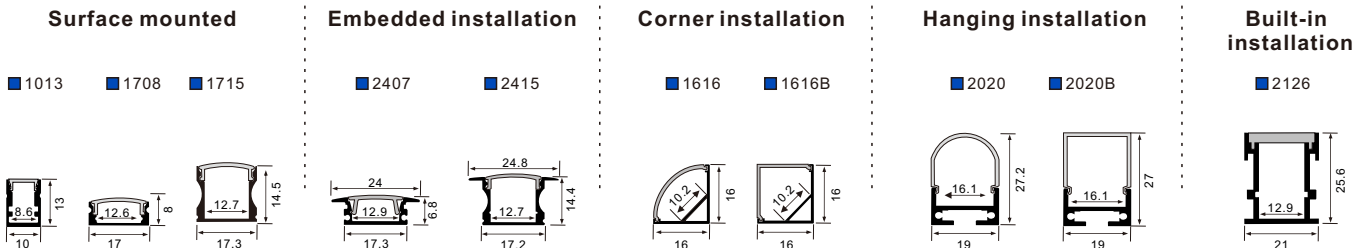


Technical Detail

LED Type	SMD3838 120LED/M	
Color	RGBW	
Color Rendering Index	Ra>80/90+	
Voltage Input	DC24V	
Power	14.4W/M	4.39W/ft
Light Efficiency	45lm/W @4000K Ra80	
Luminous Flux	648lm/M	198lm/ft @4000K Ra80
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	50mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories





Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

2835 CCT Adjustable LED Strip

- 1. Dual white design, CCT range is 2700-6500K
- 2. 2835 LED chip, much higher in brightness
- 3. Use double PCB, made of pure copper, best heat sink
- 4. OEM & ODM service available

2200K 2400K 2700K 3000K 4000K 5000K 6000K

*Please contact our sales for the latest details and certificates



2835 CCT Adjustable Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
	2835	60LED/M 18LED/ft.	9.6W/M 2.93W/ft.	960lm/M 293lm/ft.	100mm 3.94in	DC12V	80/90/95	IP20/64/66/68	L5000*W8mm L197*W0.31in
	2835	120LED/M 37LED/ft.	18W/M 5.49W/ft.	1800lm/M 549lm/ft.	100mm 3.94in	DC24V	80/90/95	IP20/64/66/68	L5000*W10mm L197*W0.4in
	2835	140LED/M 43LED/ft.	18W/M 5.49W/ft.	2088lm/M 636lm/ft.	100mm 3.94in	DC24V	80/90/95	IP20/64/66/68	L5000*W10mm L197*W0.4in
	2835	192LED/M 59LED/ft.	20W/M 6.1W/ft.	2660lm/M 811lm/ft.	41.7mm 1.64in	DC24V	80/90/95	IP20/64/66/68	L5000*W10mm L197*W0.4in
	2835	240LED/M 73LED/ft.	22W/M 6.71W/ft.	2200lm/M 671lm/ft.	50mm 1.97in	DC24V	80/90/95	IP20/64/66/68	L5000*W12mm L197*W0.47in
	2835	240LED/M 73LED/ft.	26W/M 7.92W/ft.	2600lm/M 792lm/ft.	100mm 3.94in	DC24V	80/90/95	IP20/64	L5000*W15mm L197*W0.6in
	2835	280LED/M 85LED/ft.	28W/M 8.53W/ft.	3248lm/M 990lm/ft.	100mm 3.94in	DC24V	80/90/95	IP20/64	L5000*W20mm L197*W0.8in
	2835	336LED/M 102LED/ft.	24W/M 7.32W/ft.	2400lm/M 732lm/ft.	35.7mm 1.41in	DC24V	80/90/95	IP20/64	L5000*W12mm L197*W0.47in

CCT Adjustable LED Strip SMD2835 120 LEDs/M

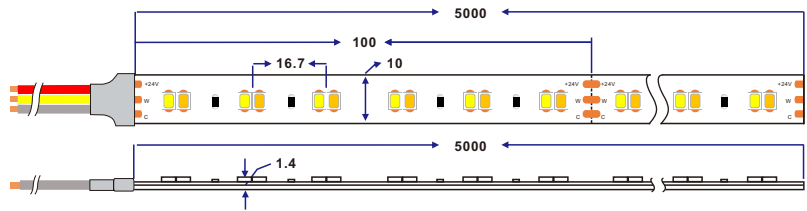
- 1. Dual color circuit and high dense design
- 2. Smaller led size, even single color can achieve dotless effect
- 3. Allowing free color temperature switching from 2700K to 6500K

2200K 2400K 2700K 3000K 4000K 5000K 6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



ONE BIN ONLY

Technical Detail

LED Type	SMD2835 120LED/M
Color	2700K-6500K
Color Rendering Index	Ra>80/90/95+
Voltage Input	DC24V
Power	18W/M 5.49W/ft
Light Efficiency	100lm/W @4000K Ra90
Luminous Flux	1800lm/M 549lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	100mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

□ 1013 ■ 1708 ■ 1715

Embedded installation

■ 2407 ■ 2415

Corner installation

■ 1616 ■ 1616B

Hanging installation

■ 2020 ■ 2020B

Built-in installation

■ 2126

2110/2216 CCT Adjustable LED Strip



- 1. Dual white design, CCT range is 2700-6500K
- 2. 2216/2110 LED chip, allows more LEDs on the PCB
- 3. Use double PCB, made of pure copper, best heat sink
- 4. OEM & ODM service available

2200K2400K2700K3000K4000K5000K6000K

*Please contact our sales for the latest details and certificates



2110/2216 CCT Adjustable Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
	2216	144LED/M	10W/M	900lm/M	83.3mm	DC24V	90/95	IP20/66/68	L5000*W8mm
		44LED/ft.	3.05W/ft.	274lm/ft.	3.28in				L197*W0.31in
	2216	156LED/M	12W/M	1080lm/M	76.9mm	DC24V	90/95	IP20/66/68	L5000*W8mm
		48LED/ft.	3.66W/ft.	329lm/ft.	3.03in				L197*W0.31in
	2216	196LED/M	16W/M	1520lm/M	71.4mm	DC24V	90/95	IP20/66/68	L5000*W10mm
		60LED/ft.	4.88W/ft.	463lm/ft.	2.81in				L197*W0.4in
	2216	240LED/M	18W/M	1620lm/M	50mm	DC24V	90/95	IP20/66/68	L5000*W10mm
		73LED/ft.	5.49W/ft.	494lm/ft.	1.97in				L197*W0.4in
	2216	280LED/M	18W/M	1710lm/M	50mm	DC24V	90/95	IP20/66/68	L5000*W10mm
		85LED/ft.	5.49W/ft.	521lm/ft.	1.97in				L197*W0.4in
	2216	360LED/M	18W/M	1620lm/M	33.3mm	DC24V	90/95	IP20/66/68	L5000*W8mm
		110LED/ft.	5.49W/ft.	494lm/ft.	1.31in				L197*W0.31in
	2110	476LED/M	24W/M	2280lm/M	29.4mm	DC24V	90/95	IP20/66/68	L5000*W10mm
		145LED/ft.	7.32W/ft.	695lm/ft.	1.16in				L197*W0.4in
	2110	616LED/M	26W/M	2470lm/M	22.7mm	DC24V	90/95	IP20/66/68	L5000*W10mm
		188LED/ft.	7.92W/ft.	753lm/ft.	0.89in				L197*W0.4in

CCT Adjustable LED Strip SMD2216 280 LEDs/M

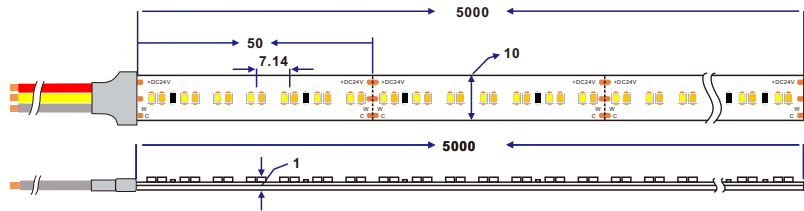
- 1. Dual color circuit and high dense design
- 2. Smaller LED size, even single color can achieve dotless effect
- 3. Allowing free color temperature switching from 2700K to 6500K

2200K2400K2700K3000K4000K5000K6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



ONE BIN ONLY

Technical Detail

LED Type	SMD2216 280led/M	
Color	2700K-6500K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	18W/M	5.49W/ft
Light Efficiency	95lm/W @4000K Ra90	
Luminous Flux	1710lm/M	521lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	50mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

Embedded installation

Corner installation

Hanging installation

Built-in installation

CCT Adjustable LED Strip SMD2110 476 LEDs/M

- 1. Dual color circuit and high dense design
- 2. Smaller LED size, even single color can achieve dotless effect
- 3. Allowing free color temperature switching from 2700K to 6500K

2200K

2400K

2700K

3000K

4000K

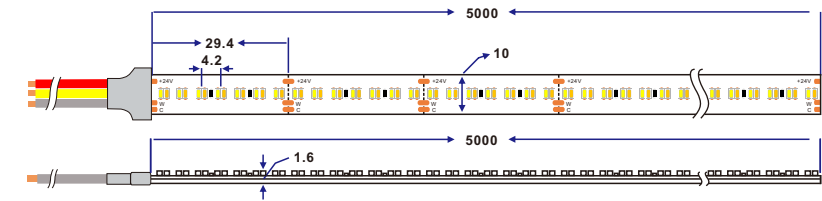
5000K

6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



■ IP20

Non-waterproof

■ IP67

Half silicone tube with glue filling

■ IP64

Silicone Coating

■ IP68

Silicone tube with glue filling

■ IP64

Spray thin glue

■ IP65

Silicone extrusion

■ IP64

Heat shrinkable sleeve

■ IP65

Silicone extrusion

■ IP66

Silicone tube

■ IP68

Silicone extrusion

Technical Detail

LED Type	SMD2110 476LED/M	
Color	2700K-6500K	
Color Rendering Index	Ra>90/95+	
Voltage Input	DC24V	
Power	24W/M	7.32W/ft
Light Efficiency	95lm/W @4000K Ra90	
Luminous Flux	2280lm/M	695lm/ft @4000K Ra90
Energy Efficiency Class	F	
Beam angle	120°	
Cutting Unit	29.4mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

□ 1013

■ 1708

■ 1715

Embedded installation

■ 2407

■ 2415

Corner installation

■ 1616

■ 1616B

Hanging installation

■ 2020

■ 2020B

Built-in installation

■ 2126

2in1 2835& 3528 & 5050 CCT Adjustable LED Strip



- 1. Dual white design, CCT range is 2700-6500K
- 2. 2in1 circuit design, more chip with dotless effect
- 3. Use double PCB, made of pure copper, best heat sink
- 4. OEM & ODM service available

2200K

2400K

2700K

3000K

4000K

5000K

6000K

*Please contact our sales for the latest details and certificates



2in1 CCT Adjustable Version

		LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
		2835 2in1	60LED/M	12W/M	1200lm/M	100mm	DC24V	80/90	IP20/66/68	L5000*W8mm L197*W0.31in
			18LED/ft.	3.66W/ft.	366lm/ft.	3.94in				
		5050 2in1	60LED/M	14.4W/M	1368lm/M	100mm	DC24V	80/90	IP20/66/68	L5000*W10mm L197*W0.4in
			18LED/ft.	4.39W/ft.	417lm/ft.	3.94in				
		3527 2in1	120LED/M	14.4W/M	1296lm/M	50mm	DC24V	80/90	IP20/66/68	L5000*W10mm L197*W0.4in
			37LED/ft.	4.39W/ft.	395lm/ft.	1.97in				
		3838 2in1	120LED/M	14.4W/M	1440lm/M	50mm	DC24V	80/90	IP20/66/68	L5000*W8mm L197*W0.31in
			37LED/ft.	4.39W/ft.	439lm/ft.	1.97in				

3528 & 5050 CCT Adjustable Version

		LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	IP Rating	Dimension @IP20
	Energy Efficiency Class	3528	120LED/M	9.6W/M	864lm/M	100mm	DC24V	80/90	IP20/66/68	L5000*W10mm
			37LED/ft.	2.93W/ft.	263lm/ft.	3.94in				L197*W0.4in
	Energy Efficiency Class	3528	240LED/M	19.2W/M	1728lm/M	50mm	DC24V	80/90	IP20/66/68	L5000*W15mm
			73LED/ft.	5.85W/ft.	527lm/ft.	1.97in				L197*W0.6in
	Energy Efficiency Class	5050	60LED/M	14.4W/M	1368lm/M	100mm	DC12V	80/90	IP20/66/68	L5000*W10mm
			18LED/ft.	4.39W/ft.	417lm/ft.	3.94in				L197*W0.4in
	Energy Efficiency Class	5050	120LED/M	24W/M	2280lm/M	100mm	DC24V	80/90	IP20/66/68	L5000*W15mm
			37LED/ft.	7.32W/ft.	695lm/ft.	3.94in				L197*W0.6in

CCT Adjustable LED Strip SMD2835 2in1 60 LEDs/M

- 1. Dual color circuit and high dense design
- 2. Smaller LED size, even single color can achieve dotless effect
- 3. Allowing free color temperature switching from 2700K to 6500K

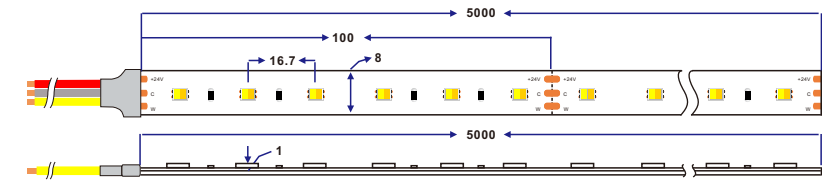
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD2835 2in1 60LED/M
Color	2700K-6500K
Color Rendering Index	Ra>80/90/95+
Voltage Input	DC24V
Power	12W/M 3.66W/ft
Light Efficiency	100lm/W @4000K Ra90
Luminous Flux	1200m/M 366lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	100mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

101317081715



Embedded installation

24072415



Corner installation

16161616B



Hanging installation

20202020B



Built-in installation

2126



CCT Adjustable LED Strip SMD5050 2in1 60 LEDs/M

- 1. Dual color circuit and high dense design
- 2. Smaller LED size, even single color can achieve dotless effect
- 3. Allowing free color temperature switching from 2700K to 6500K

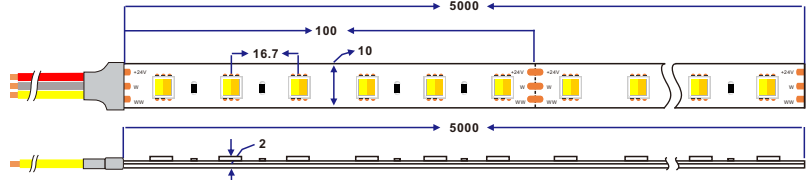
2200K2400K2700K3000K4000K5000K6000K



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD5050 2in1 60LED/M
Color	2700K-6500K
Color Rendering Index	Ra>80/90/95+
Voltage Input	DC24V
Power	14.4W/M 4.39W/ft
Light Efficiency	95lm/W @4000K Ra90
Luminous Flux	1368lm/M 417lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	100mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

Surface mounted

101317081715



Embedded installation

24072415



Corner installation

16161616B



Hanging installation

20202020B

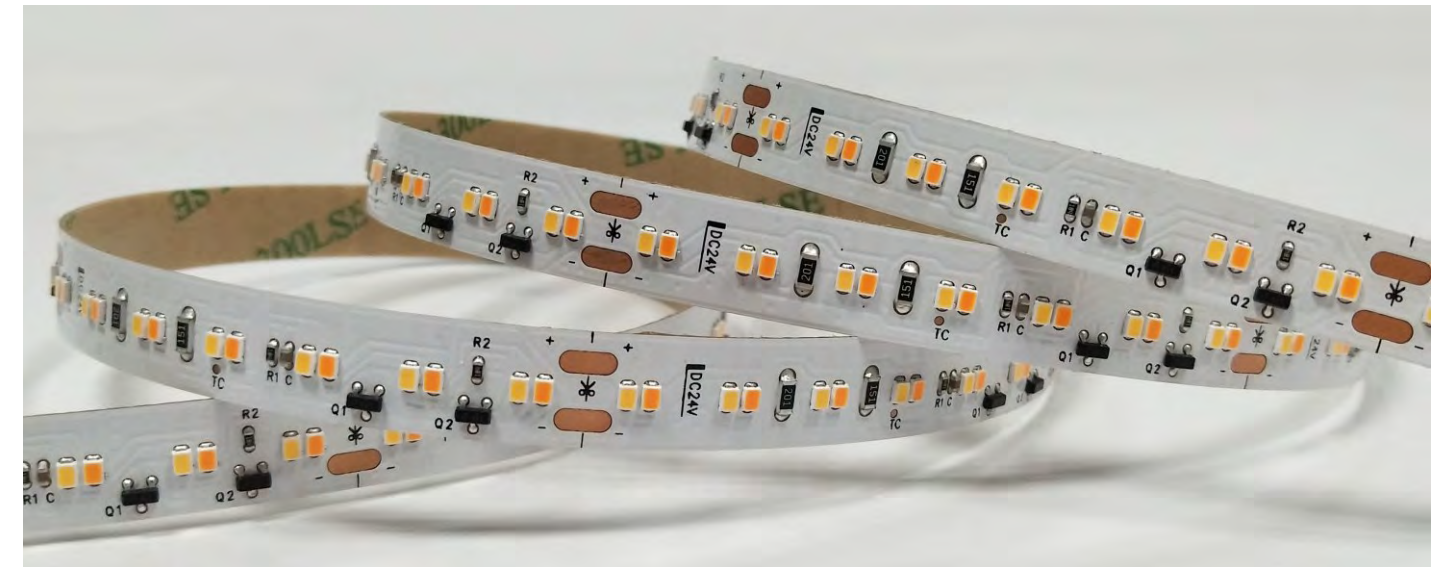


Built-in installation

2126



Dim to Warm LED Strip



- 1. Dual white design, CCT range is 1800-3000K or 2700-4000K
- 2. 2216/2835 LED chip, stable in quality
- 3. Use double PCB, made of pure copper, best heat sink
- 4. OEM & ODM service available

2200K2400K2700K3000K4000K5000K6000K

*Please contact our sales for the latest details and certificates



Dim to Warm Version

	LED Type	LED QTY	Power	Brightness	Increment	Voltage	CRI	IP Rating	Dimension @IP20
NEW F Energy Efficiency Class	2216	224LED/M 68LED/ft.	16W/M 4.88W/ft.	1520lm/M 463lm/ft.	62.5mm 2.46in	DC24V	90/95	IP20/66/68	L5000*W10mm L197*W0.4in
NEW F Energy Efficiency Class	2835	120LED/M 37LED/ft.	18W/M 5.49W/ft.	1692lm/M 516lm/ft.	100mm 3.94in	DC24V	90/95	IP20/66/68	L5000*W10mm L197*W0.4in

CCT Adjustable LED Strip SMD2216 Dim to Warm

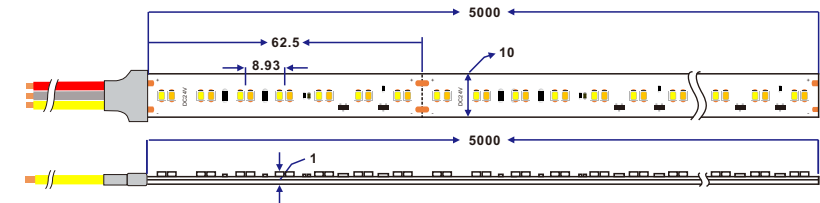
- 1. Dual color circuit and high dense design
- 2. Smaller LED size, even single color can achieve dotless effect
- 3. Allowing free color temperature switching from 2700K to 6500K

2200K2400K2700K3000K4000K5000K6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



ONE BIN ONLY

Technical Detail

LED Type	SMD2216 224LED/M
Color	2700K-6500K
Color Rendering Index	Ra>90/95+
Voltage Input	DC24V
Power	16W/M 4.88W/ft
Light Efficiency	95lm/W @4000K Ra90
Luminous Flux	1520m/M 463lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	62.5mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

IP20

Non-waterproof

IP64

Silicone Coating

IP64

Spray thin glue

IP64

Heat shrinkable sleeve

IP66

Silicone tube

IP67

Half silicone tube with glue filling

IP68

Silicone tube with glue filling

IP65

Silicone extrusion

IP65

Silicone extrusion

IP68

Silicone extrusion

Accessories

Surface mounted

□ 1013

■ 1708

■ 1715

Embedded installation

■ 2407

■ 2415

Corner installation

■ 1616

■ 1616B

Hanging installation

■ 2020

■ 2020B

Built-in installation

■ 2126

249 LED Linear Light Expert

LED Linear Light Expert 250

CCT Adjustable LED Strip SMD2835 Dim to Warm

- 1. Dual color circuit and high dense design
- 2. Smaller LED size, even single color can achieve dotless effect
- 3. Allowing free color temperature switching from 2700K to 6500K

2200K

2400K

2700K

3000K

4000K

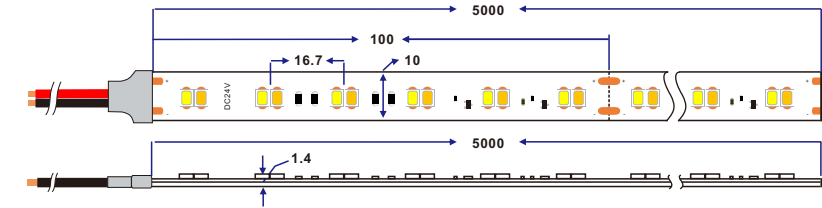
5000K

6000K

*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type	SMD2835 120LED/M
Color	2700K-6500K
Color Rendering Index	Ra>80/90/95+
Voltage Input	DC24V
Power	18W/M 5.49W/ft
Light Efficiency	94lm/W@4000K Ra90
Luminous Flux	1692m/M 516lm/ft @4000K Ra90
Energy Efficiency Class	F
Beam angle	120°
Cutting Unit	100mm

* PCB width, CRI, power and lumen can be customized as per your specified demands.

IP20

Non-waterproof

IP64

Silicone Coating

IP64

Spray thin glue

IP64

Heat shrinkable sleeve

IP66

Silicone tube

IP67

Half silicone tube with glue filling

IP68

Silicone tube with glue filling

IP65

Silicone extrusion

IP65

Silicone extrusion

IP68

Silicone extrusion

Accessories

Surface mounted

1013

1708

1715

Embedded installation

2407

2415

Corner installation

1616

1616B

Hanging installation

2020

2020B

Built-in installation

2126





Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

3838 Colors LED Strip

1. Smaller chip size, 120led/M RGB can be made to be 5mm width PCB
2. Ultra dense design, with a maximum density of 240 leds/m, achieving RGB no dark area effect
3. Can perfectly solve the problem of dot in led neon flex, different PCB widths for different sizes of neon tubes



*Please contact our sales for the latest details and certificates

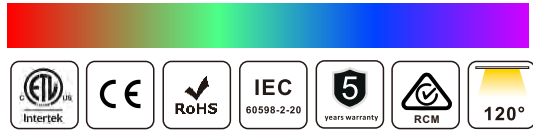


3838 Colors Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	Colors	IP Rating	Dimension @IP20
NEW	3838 RGB	60LED/M	9.6W/M	336lm/M	100mm	DC12V	/	RGB	IP20/64/66/68	L5000*W8mm
		18LED/ft.	2.93W/ft.	102lm/ft.	3.94in					L197*W0.31in
	3838 RGB	96LED/M	12W/M	420lm/M	62.5mm	DC24V	/	RGB	IP20/64/66/68	L5000*W8mm
		29LED/ft.	3.66W/ft.	128lm/ft.	2.46in					L197*W0.31in
	3838 RGB	120LED/M	14.4W/M	504lm/M	50mm	DC12V	/	RGB	IP20/64/66/68	L5000*W5mm
		37LED/ft.	4.39W/ft.	154lm/ft.	1.97in					L197*W0.2in
	3838 RGB	120LED/M	16W/M	560lm/M	50mm	DC24V	/	RGB	IP20/64/66/68	L5000*W10mm
		37LED/ft.	4.88W/ft.	171lm/ft.	1.97in					L197*W0.4in
	3838 RGB	240LED/M	18W/M	630lm/M	25mm	DC24V	/	RGB	IP20/64/66/68	L5000*W12mm
		73LED/ft.	5.49W/ft.	192lm/ft.	0.98in					L197*W0.47in
	3838 RGB+TW	72LED/M	15W/M	675lm/M	166.7mm	DC24V	80/90/95	RGB CCT	IP20/64/66/68	L5000*W10mm
		22LED/ft.	4.57W/ft.	206lm/ft.	6.56in					L197*W0.4in
	3838RGB+2835 W	96LED/M	14.4W/M	648lm/M	125mm	DC24V	80/90/95	RGBW	IP20/64/66/68	L5000*W8mm
		29LED/ft.	4.39W/ft.	198lm/ft.	4.92in					L197*W0.31in
NEW	3838RGB+2835 W	240LED/M	20W/M	900lm/M	50mm	DC24V	80/90/95	RGBW	IP20/64/66/68	L5000*W12mm
		73LED/ft.	6.1W/ft.	274lm/ft.	1.97in					L197*W0.47in
NEW	3838RGB+2835 W +2835 WW	288LED/M	22W/M	1570lm/M	83.3mm	DC24V	80/90/95	RGB CCT	IP20/64/66/68	L5000*W12mm
		88LED/ft.	6.71W/ft.	479lm/ft.	3.28in					L197*W0.47in

3838 RGB 60 LEDs/M

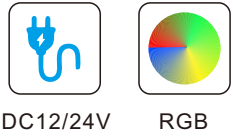
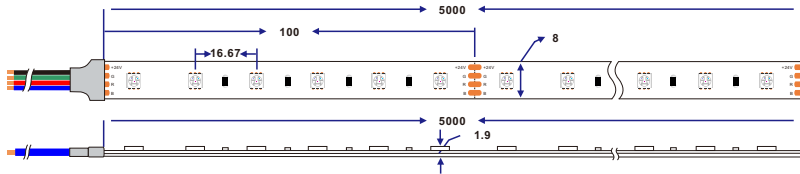
1. Smaller RGB chip size, can be made with only 5mm width PCB
2. Ultra dense design, achieving RGB no dark area effect
3. Can perfectly solve the problem of dot in led neon flex, different PCB widths for different sizes of neon tubes



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

LED Type SMD3838 60LED/M

Color RGB

Color Rendering Index /

Voltage Input DC12/24V

Power 9.6W/M 2.93W/ft

Light Efficiency 35lm/W

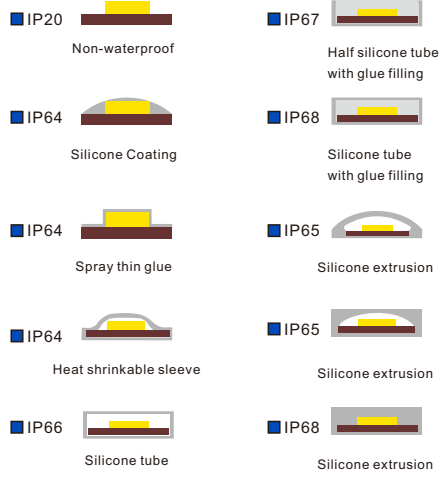
Luminous Flux 336lm/M 102lm/ft

Energy Efficiency Class /

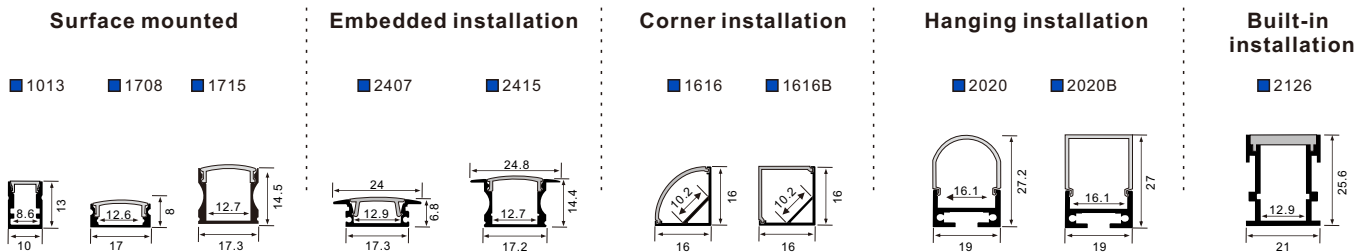
Beam angle 120°

Cutting Unit 50mm@12V; 100mm@24V

* PCB width, CRI, power and lumen can be customized as per your specified demands.



Accessories



3838 RGB 120 LEDs/M

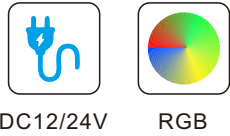
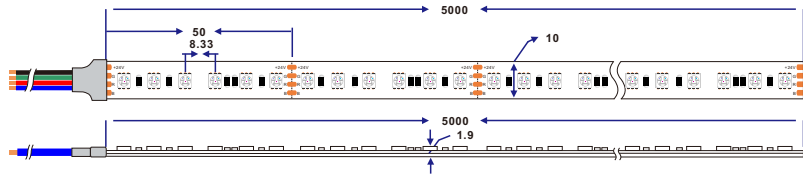
- 1.Smaller RGB chip size, can be made with only 5mm width PCB
- 2. Ultra dense design, achieving RGB no dark area effect
- 3. Can perfectly solve the problem of dot in led neon flex, different PCB widths for different sizes of neon tubes



*Please contact our sales for the latest details and certificates



Dimension (mm)

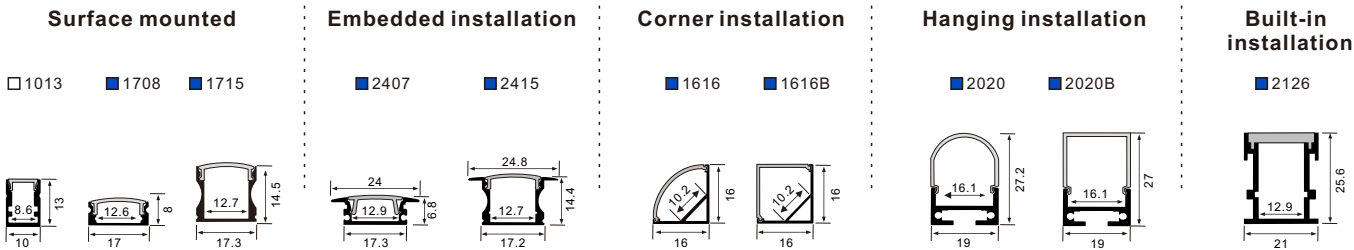


Technical Detail

LED Type	SMD3838 120LED/M	
Color	RGB	
Color Rendering Index	/	
Voltage Input	DC12/24V	
Power	16W/M	4.88W/ft
Light Efficiency	35lm/W	
Luminous Flux	560lm/M	171lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	50mm@24V; 25mm@12V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



3838 RGB 240 LEDs/M

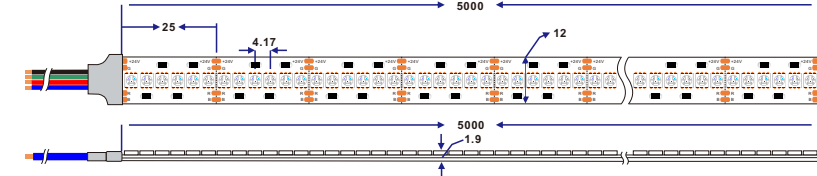
- 1.Smaller RGB chip size, can be made with only 5mm width PCB
- 2. Ultra dense design, achieving RGB no dark area effect
- 3. Can perfectly solve the problem of dot in led neon flex, different PCB widths for different sizes of neon tubes



*Please contact our sales for the latest details and certificates



Dimension (mm)

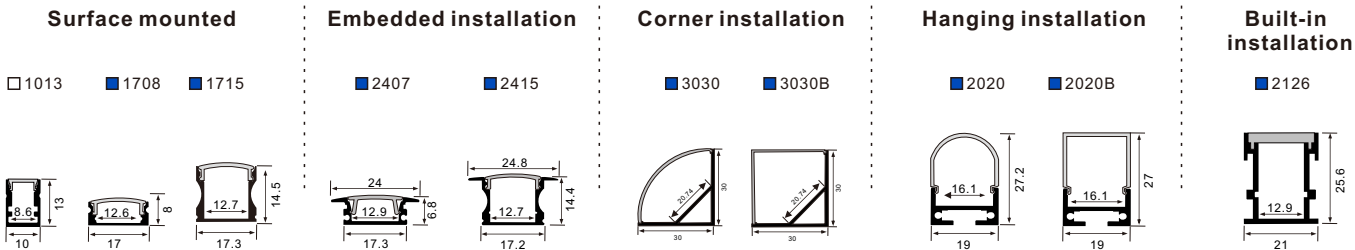


Technical Detail

LED Type	SMD3838 240LED/M	
Color	RGB	
Color Rendering Index	/	
Voltage Input	DC24V	
Power	18W/M	5.49W/ft
Light Efficiency	35lm/W	
Luminous Flux	630lm/M	192lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	25mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



3838 RGB+W 240 LEDs/M

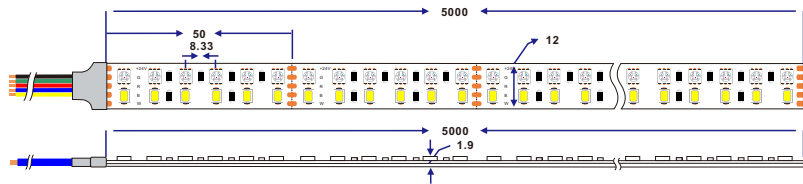
- 1.Smaller RGB chip size, can be made with only 5mm width PCB
- 2. Ultra dense design, achieving RGB no dark area effect
- 3. Can perfectly solve the problem of dot in led neon flex, different PCB widths for different sizes of neon tubes



*Please contact our sales for the latest details and certificates



Dimension (mm)



Technical Detail

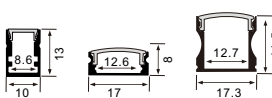
LED Type	SMD3838 RGB 120LED/M + SMD2835 W120LED/M	
Color	RGB+W	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC24V	
Power	20W/M	6.1W/ft
Light Efficiency	45lm/W @4000K Ra80	
Luminous Flux	900lm/M	274lm/ft @4000K Ra80
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	50mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories

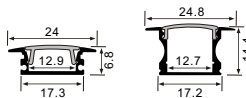
Surface mounted

□ 1013 ■ 1708 ■ 1715



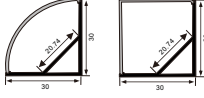
Embedded installation

■ 2407 ■ 2415



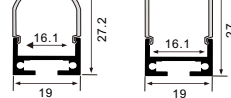
Corner installation

■ 3030 ■ 3030B



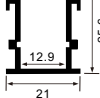
Hanging installation

■ 2020 ■ 2020B



Built-in installation

■ 2126



5050 RGB & 2835 RGB LED Strip



- 1. High bright RGB LED chip with higher brightness
- 2. Max 240LEDs/M,can be dotless in led neon tube
- 3. Use double PCB, made of pure copper, best heat sink



*Please contact our sales for the latest details and certificates



5050 RGB Version

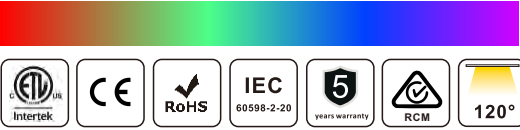
	LED Type	LED QTY	Power	Brightness	Increment	Voltage	CRI	Colors	IP Rating	Dimension @IP20
	5050 RGB	30LED/M	7.2W/M	252lm/M	100mm	DC12V	/	RGB	IP20/64/66/68	L5000*W10mm
		9LED/ft.	2.19W/ft.	77lm/ft.	3.94in					L197*W0.4in
	5050 RGB	60LED/M	14.4W/M	504lm/M	100mm	DC24V	/	RGB	IP20/64/66/68	L5000*W10mm
		18LED/ft.	4.39W/ft.	154lm/ft.	3.94in					L197*W0.4in
	5050 RGB	72LED/M	17.28W/M	605lm/M	83.3mm	DC24V	/	RGB	IP20/64/66/68	L5000*W10mm
		22LED/ft.	5.27W/ft.	184lm/ft.	3.28in					L197*W0.4in
	5050 RGB	96LED/M	23.04W/M	806lm/M	62.5mm	DC24V	/	RGB	IP20/64/66/68	L5000*W10mm
		29LED/ft.	7.02W/ft.	246lm/ft.	2.46in					L197*W0.4in
	5050 RGB	120LED/M	28.8W/M	1008lm/M	50mm	DC24V	/	RGB	IP20/64/66/68	L5000*W20mm
		37LED/ft.	8.78W/ft.	307lm/ft.	1.97in					L197*W0.8in

2835 RGB Version

	LED Type	LED QTY	Power	Brightness	Increment	Voltage	CRI	Colors	IP Rating	Dimension @IP20
NEW	2835 RGB	120LED/M	12W/M	420lm/M	50mm	DC24V	/	RGB	IP20/64/66/68	L5000*W5mm
		37LED/ft.	3.66W/ft.	128lm/ft.	1.97in					L197*W0.2in
NEW	2835 RGB	120LED/M	14.4W/M	504lm/M	50mm	DC24V	/	RGB	IP20/64/66/68	L5000*W10mm
		37LED/ft.	4.39W/ft.	154lm/ft.	1.97in					L197*W0.4in
NEW	2835 RGB	240LED/M	16W/M	560lm/M	25mm	DC24V	/	RGB	IP20/64/66/68	L5000*W12mm
		73LED/ft.	4.88W/ft.	171lm/ft.	0.98in					L197*W0.47in

5050 RGB 30 LEDs/M

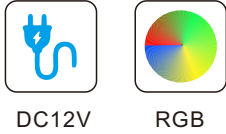
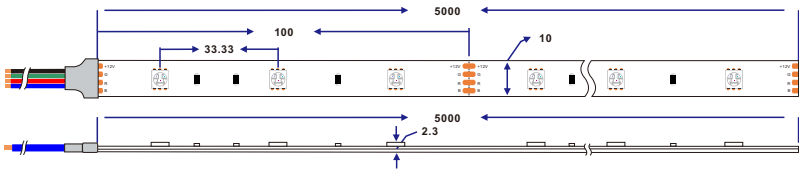
- 1.Classic 5050 RGB design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuring long-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)

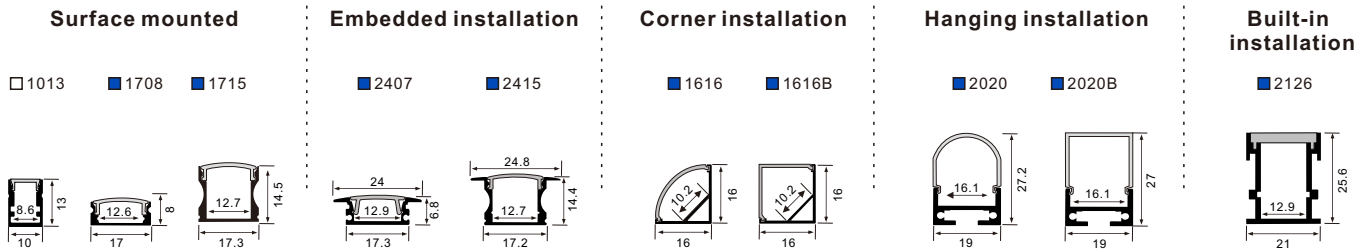


Technical Detail

LED Type	SMD5050 30LED/M	
Color	RGB	
Color Rendering Index	/	
Voltage Input	DC12V	
Power	7.2W/M	2.19W/ft
Light Efficiency	35lm/W	
Luminous Flux	252lm/M	77lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	100mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



5050 RGB 60 LEDs/M

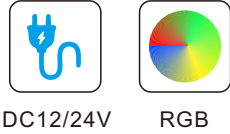
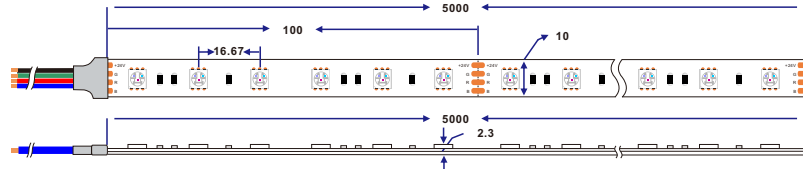
- 1.Classic 5050 RGB design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuring long-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)

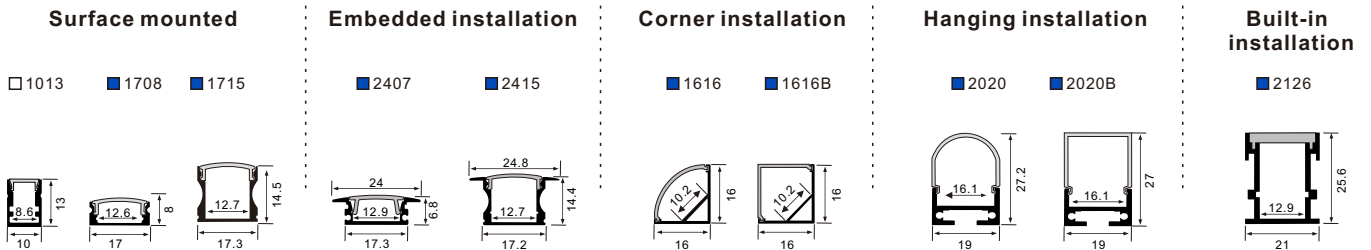


Technical Detail

LED Type	SMD5050 60LED/M	
Color	RGB	
Color Rendering Index	/	
Voltage Input	DC12/24V	
Power	14.4W/M	4.39W/ft
Light Efficiency	35lm/W	
Luminous Flux	504lm/M	154lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	100mm@24V; 50mm@12V	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



5050 RGB 120 LEDs/M

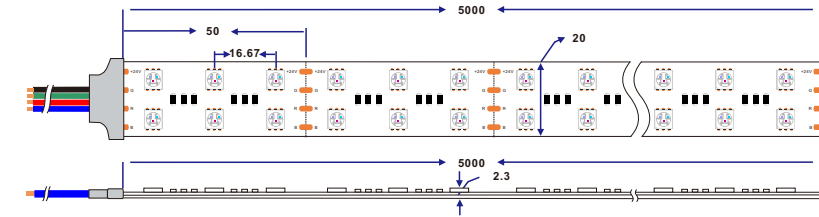
- 1. Classic 5050 RGB design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuring long-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)

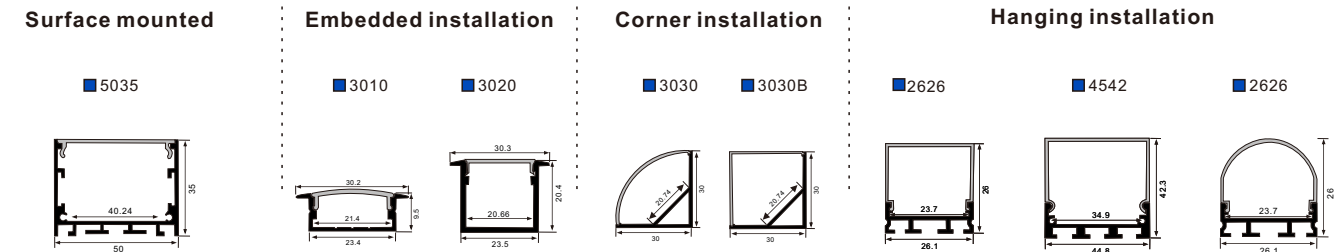


Technical Detail

LED Type	SMD5050 120LED/M	
Color	RGB	
Color Rendering Index	/	
Voltage Input	DC24V	
Power	28.8W/M	8.78W/ft
Light Efficiency	35lm/W	
Luminous Flux	1008lm/M	307lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	50mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

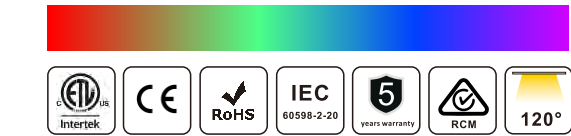
Accessories



5050 4in1 RGBW LED Strip



- 1. RGB+white light design, more colors choice
- 2. 5050 4in1 chip, better light effect
- 3. Use double PCB, made of pure copper, best heat sink
- 4. DC24V design, safe voltage, and lower voltage drop



*Please contact our sales for the latest details and certificates



5050 4in1 RGBW Version

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	Colors	IP Rating	Dimension @IP20
NEW	5050 4in1	30LED/M	8W/M	360lm/M	200mm	DC24V	/	RGBW	IP20/64/66/68	L5000*W10mm
		9LED/ft.	2.44W/ft.	110lm/ft.	7.87in					L197*W0.4in
NEW	5050 4in1	48LED/M	13W/M	585lm/M	125mm	DC24V	/	RGBW	IP20/64/66/68	L5000*W10mm
		15LED/ft.	3.96W/ft.	178lm/ft.	4.92in					L197*W0.4in
NEW	5050 4in1	60LED/M	16W/M	720lm/M	100mm	DC24V	/	RGBW	IP20/64/66/68	L5000*W12mm
		18LED/ft.	4.88W/ft.	219lm/ft.	3.94in					L197*W0.47in
NEW	5050 4in1	72LED/M	20W/M	900lm/M	83.3mm	DC24V	/	RGBW	IP20/64/66/68	L5000*W12mm
		22LED/ft.	6.1W/ft.	274lm/ft.	3.28in					L197*W0.47in
NEW	5050 4in1	96LED/M	23W/M	1035lm/M	62.5mm	DC24V	/	RGBW	IP20/64/66/68	L5000*W12mm
		29LED/ft.	7.01W/ft.	315lm/ft.	2.46in					L197*W0.47in
NEW	5050 4in1	120LED/M	28W/M	1260lm/M	50mm	DC24V	80/90/95	RGBW	IP20/64/66/68	L5000*W20mm
		37LED/ft.	8.53W/ft.	384lm/ft.	1.97in					L197*W0.8in
NEW	5050 4in1	144LED/M	30W/M	1350lm/M	41.7mm	DC24V	80/90/95	RGBW	IP20/64/66/68	L5000*W20mm
		44LED/ft.	9.14W/ft.	411lm/ft.	1.64in					L197*W0.8in

5050 RGBW 60 LEDs/M

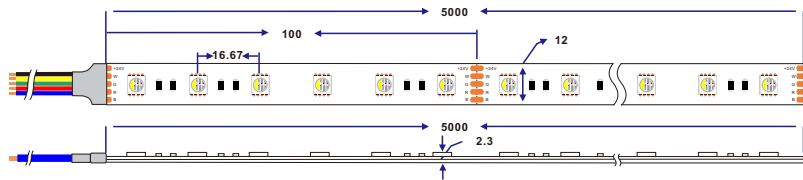
- 1.Classic 5050 RGB design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuring long-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)

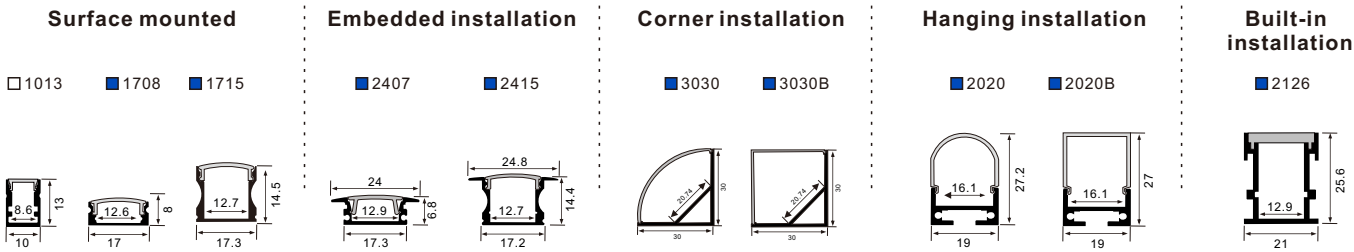


Technical Detail

LED Type	SMD5050 4in1 60LED/M		
Color	RGBW		
Color Rendering Index	Ra>80/90/95+/-		
Voltage Input	DC12/24V		
Power	16W/M	4.88W/ft	
Light Efficiency	45lm/W @4000K Ra90		
Luminous Flux	720lm/M	219lm/ft	@4000K Ra90
Energy Efficiency Class	G		
Beam angle	120°		
Cutting Unit	100mm@24V; 50mm@12V		

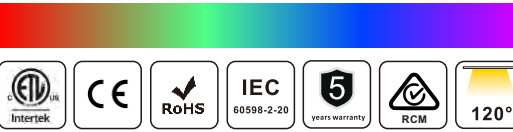
* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



5050 RGBW 96 LEDs/M

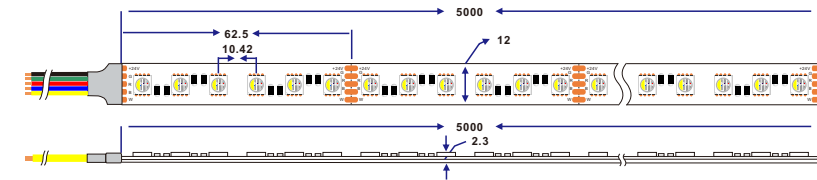
- 1.Classic 5050 RGB design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuring long-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)

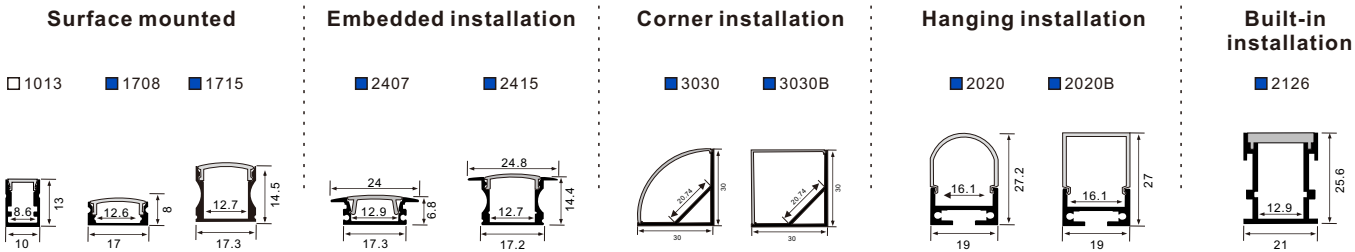


Technical Detail

LED Type	SMD5050 4in1 96LED/M		
Color	RGBW		
Color Rendering Index	Ra>80/90/95+		
Voltage Input	DC24V		
Power	23W/M	7.01W/ft	
Light Efficiency	45lm/W		
Luminous Flux	1035lm/M	315lm/ft	
Energy Efficiency Class	G		
Beam angle	120°		
Cutting Unit	62.5mm		

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories





Huzhou Charming Lighting Co., Ltd.
Tel: (86) 18006626989 Email: feng@charming-tech.cn

Other RGBW & 5050 RGB CCT LED Strip

1. RGB+white light design, more colors choice
2. High bright LED with stable quality
3. Use double PCB, made of pure copper, best heat sink
4. DC24V design, safe voltage, and lower voltage drop



*Please contact our sales for the latest details and certificates



Other RGBW Version

NEW

NEW

NEW

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	Colors	IP Rating	Dimension @IP20
	3538 4in1	120LED/M 37LED/ft.	12W/M 3.66W/ft.	540lm/M 165lm/ft.	50mm 1.97in	DC24V	/	RGBW	IP20/64/66/68	L5000*W8mm L197*W0.31in
	3538 4in1	120LED/M 37LED/ft.	16W/M 4.88W/ft.	720lm/M 219lm/ft.	50mm 1.97in	DC24V	/	RGBW	IP20/64/66/68	L5000*W10mm L197*W0.4in
	2835 RGB+W	240LED/M 73LED/ft.	16W/M 4.88W/ft.	720lm/M 219lm/ft.	50mm 1.97in	DC24V	/	RGBW	IP20/64/66/68	L5000*W10mm L197*W0.4in
	5050 RGB+W	60LED/M 18LED/ft.	12W/M 3.66W/ft.	540lm/M 165lm/ft.	166.7mm 6.56in	DC24V	/	RGBW	IP20/64/66/68	L5000*W10mm L197*W0.4in
	5050 RGB+W	120LED/M 37LED/ft.	24W/M 7.32W/ft.	1080lm/M 329lm/ft.	100mm 3.94in	DC24V	/	RGBW	IP20/64/66/68	L5000*W15mm L197*W0.6in

5050 RGB CCT Version

NEW

	LED Type	LED QTY	Power	Brightness @4000K Ra90 IP20	Increment	Voltage	CRI	Colors	IP Rating	Dimension @IP20
	5050 5in1	30LED/M 9LED/ft.	12W/M 3.66W/ft.	660lm/M 201lm/ft.	100mm 3.94in	DC12V	/	RGB CCT	IP20/64/66/68	L5000*W12mm L197*W0.47in
	5050 5in1	60LED/M 18LED/ft.	18W/M 5.49W/ft.	990lm/M 302lm/ft.	100mm 3.94in	DC24V	/	RGB CCT	IP20/64/66/68	L5000*W12mm L197*W0.47in
	5050 5in1	96LED/M 29LED/ft.	23W/M 7.01W/ft.	1265lm/M 386lm/ft.	62.5mm 2.46in	DC24V	/	RGB CCT	IP20/64/66/68	L5000*W12mm L197*W0.47in
	5050 rgb+2in1	72LED/M 22LED/ft.	22W/M 6.71W/ft.	1210lm/M 369lm/ft.	166.7mm 6.56in	DC24V	/	RGB CCT	IP20/64/66/68	L5000*W16mm L197*W0.63in

3538 RGBW 120 LEDs/M

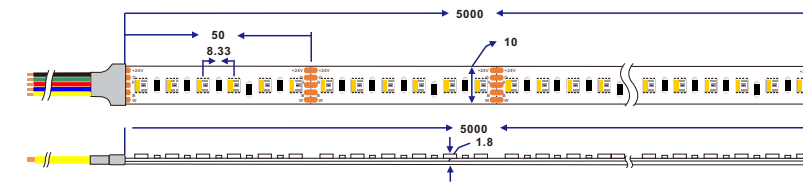
1. Classic 3538 RGBW design with high market acceptance
2. Encapsulated with bright chips, pure color, high brightness
3. Using genuine 3M adhesive backing, ensuring long-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)



DC24V

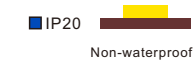


RGBW

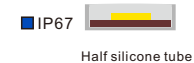
Technical Detail

LED Type	SMD3538 4in1 120LED/M	
Color	RGBW	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC24V	
Power	16W/M	4.88W/ft
Light Efficiency	45lm/W @4000K Ra90	
Luminous Flux	720lm/M	219lm/ft @4000K Ra90
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	50mm	

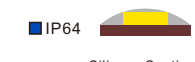
* PCB width, CRI, power and lumen can be customized as per your specified demands.



Non-waterproof



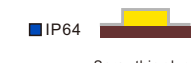
Half silicone tube
with glue filling



Silicone Coating



Silicone tube
with glue filling



Spray thin glue



Silicone extrusion



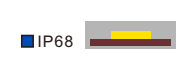
Heat shrinkable sleeve



Silicone extrusion



Silicone tube

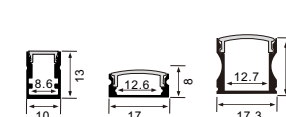


Silicone extrusion

Accessories

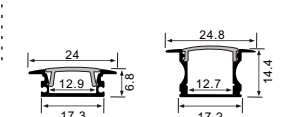
Surface mounted

□ 1013 ■ 1708 ■ 1715



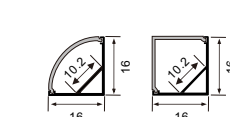
Embedded installation

■ 2407 ■ 2415



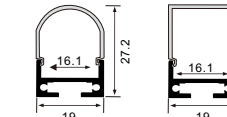
Corner installation

■ 1616 ■ 1616B



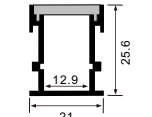
Hanging installation

■ 2020 ■ 2020B



Built-in installation

■ 2126



5050 RGB CCT 60 LEDs/M

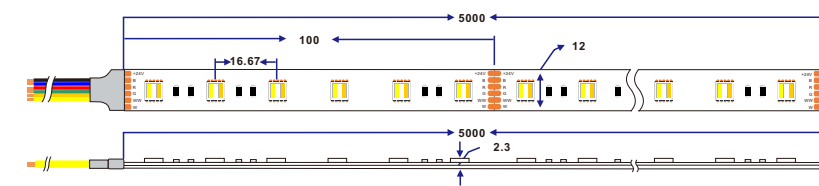
- 1.Classic 5050 RGBTW 5in1 design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuringlong-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)

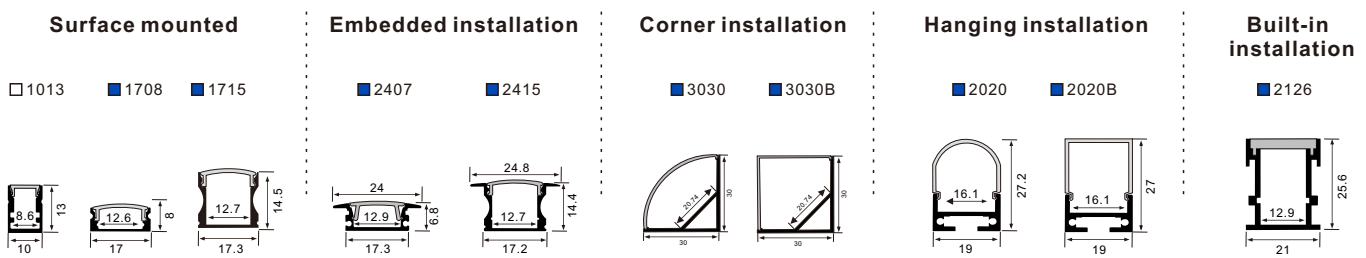


Technical Detail

LED Type	SMD5050 5in1 60LED/M	
Color	RGBTW	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC24V	
Power	18W/M	5.49W/ft
Light Efficiency	55lm/W	
Luminous Flux	990lm/M	302lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	100mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



5050 RGB CCT 96 LEDs/M

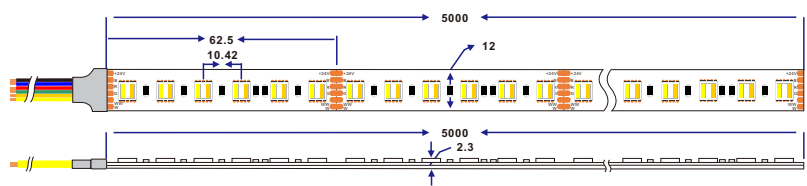
- 1.Classic 5050 RGBTW 5in1 design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuringlong-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



Dimension (mm)

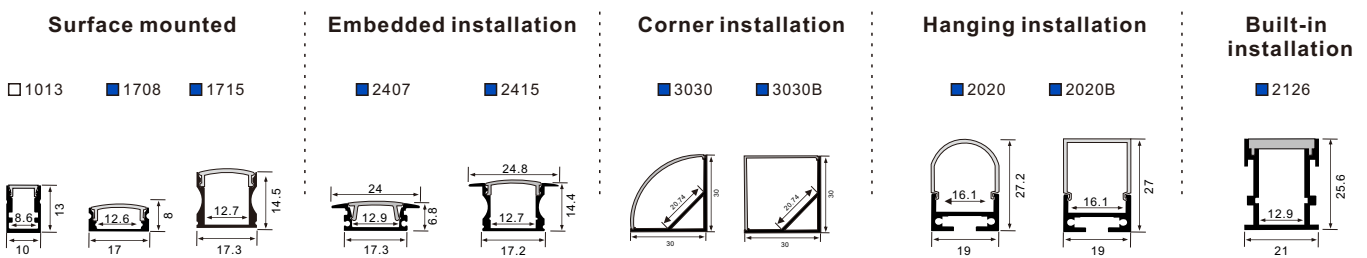


Technical Detail

LED Type	SMD5050 5in1 96LED/M	
Color	RGBTW	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC24V	
Power	23W/M	7.01W/ft
Light Efficiency	55lm/W @4000K Ra90	
Luminous Flux	1265lm/M	386lm/ft @4000K Ra90
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	62.5mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.

Accessories



3838 RGB + 2835 CCT 288 LEDs/M

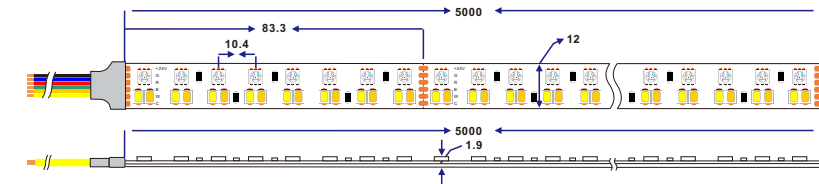
- 1.Classic 3838 RGB design with high market acceptance
- 2. Encapsulated with bright chips, pure color, high brightness
- 3. Using genuine 3M adhesive backing, ensuringlong-lasting adhesion without peeling off



*Please contact our sales for the latest details and certificates



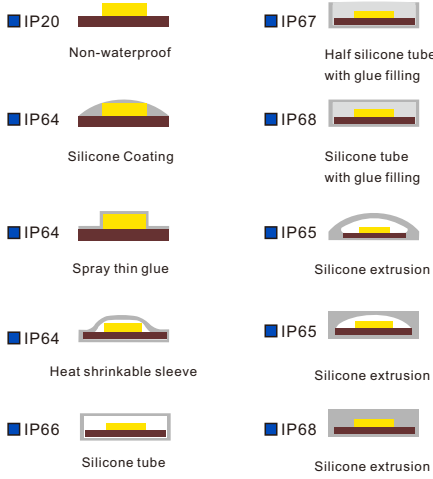
Dimension (mm)



Technical Detail

LED Type	3838RGB+2835 W+2835 WW 288LED/M	
Color	RGB+CCT	
Color Rendering Index	Ra>80/90/95+	
Voltage Input	DC24V	
Power	22W/M	6.71W/ft
Light Efficiency	71.5lm/W	
Luminous Flux	1573lm/M	472lm/ft
Energy Efficiency Class	G	
Beam angle	120°	
Cutting Unit	83.3mm	

* PCB width, CRI, power and lumen can be customized as per your specified demands.



Accessories

