



YG-STRIP

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COMPANY PROFILE

YG-Strip, established in 2007, is a leading supplier of LED Lights in China. We're an integrated Hi-Tech enterprise which has always been concentrated on the R&D, manufacturing and marketing of LED lights.

For many years, YG-Strip has been dedicated in the promotion of LED lights. With a great deal of experience and strength of R&D, we have successfully launched multiple series products such as CCT adjustable, RGBW, Constant Current, Magic LED strips and others.

We got through QMS certification ISO9001:2008 in 2012 and ETL certification on May, 2015. We have become the specified supplier of OREAL, KONKA, Chow Sang Sang, ICBC and other famous brand. In future, adhering to the management theory of sincerity, communication, service and win-win, LEDYI will continue to be concentrated on the R&D and sales of LED lights and strive to be an excellent provider of LED lights around the world.



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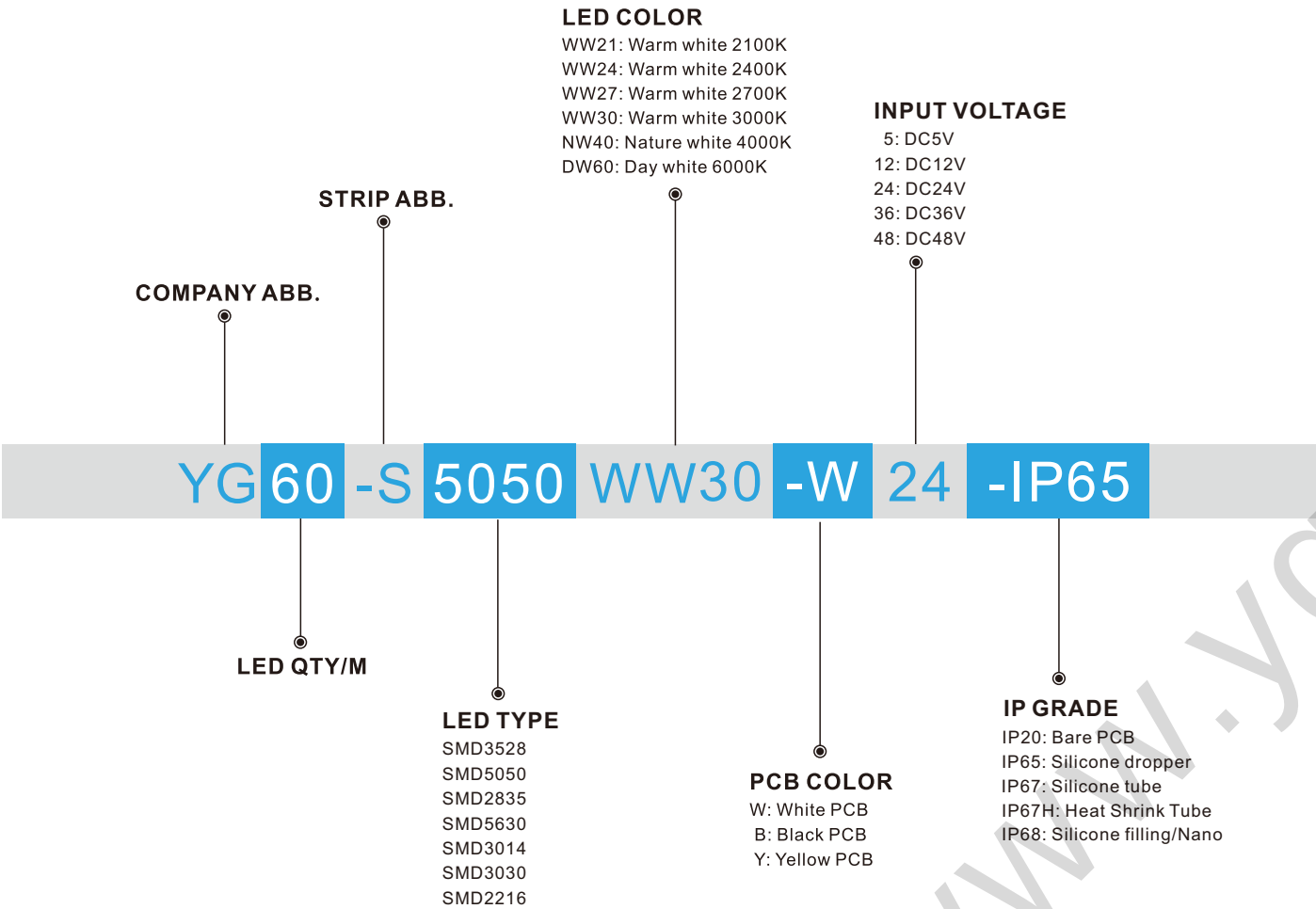
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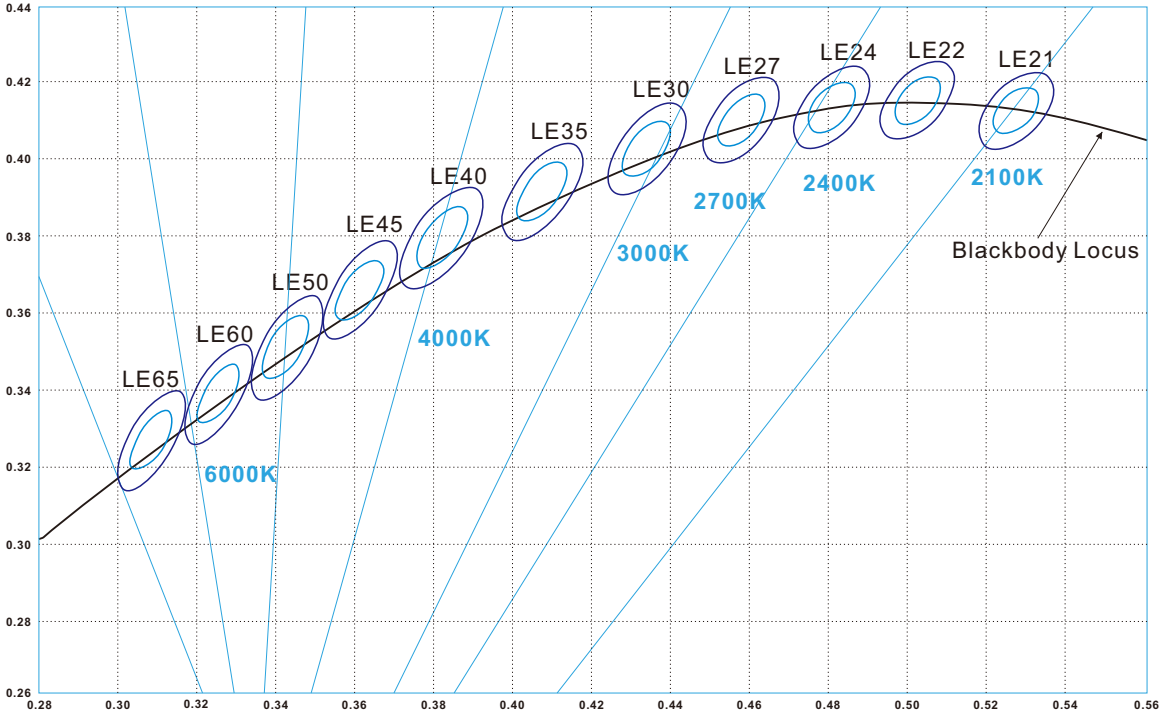
CRI

Color Rendering Index (CRI)

The higher CRI, the color is more real,
higher CRI become more and more popular.

All strip light are more than CRI90 and CRI95,it shows true color for you.





For all your order



ONE

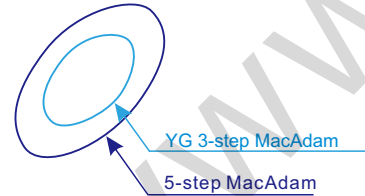
BIN

ONLY

Today and tomorrow

"One Bin Only" within 3 MacAdam, |Duv|<0.006
 guarantees constant color temperature.
 6 Standard CCT for option

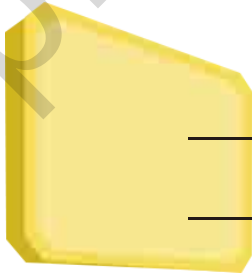
Graphic Description:



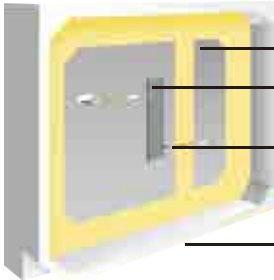
QUALITY LED ENCAPSULATION

Quality LED Encapsulation

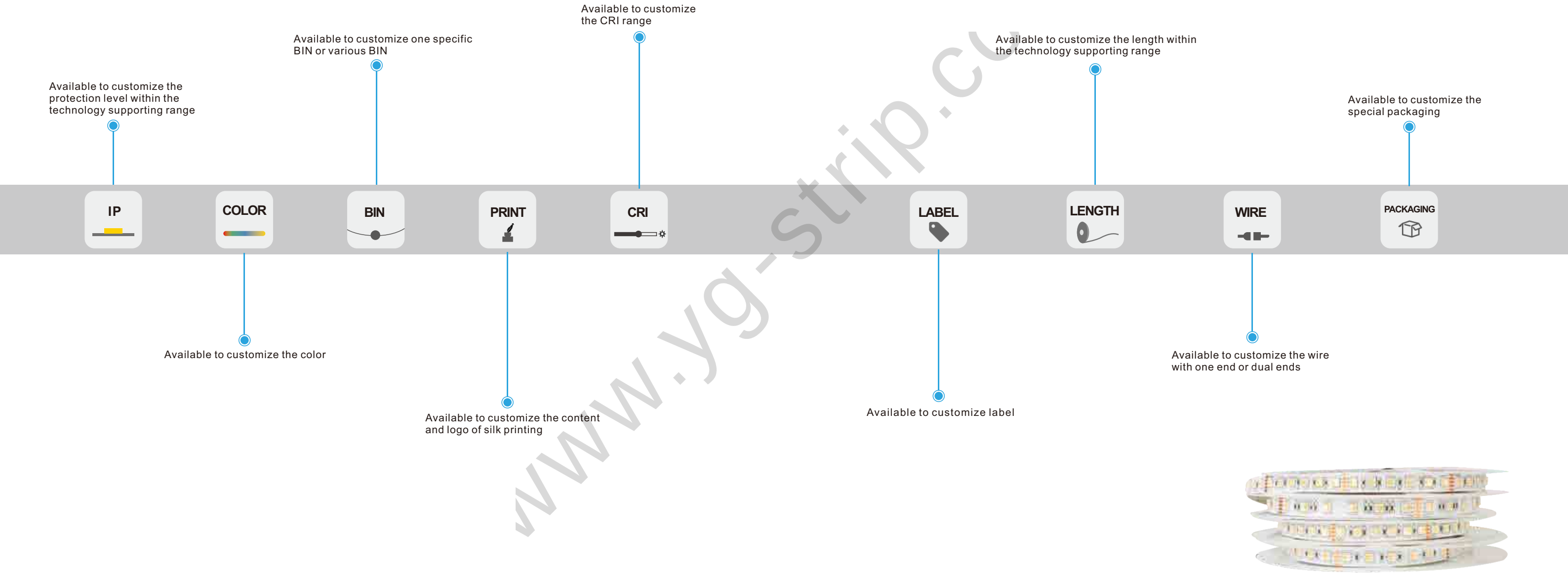
ensure the high quality of LEDs with refined raw materials and LED ORT equipment



- High refractive and superior transmittance silicone
- No color shift after using for a long time with the phosphors made of rare earth aluminates and nitrides



- Silver
- Control the band strictly within 2.5mm with the well-known brand chip
- Improve the stability and longevity of LEDs with 99.99% gold wires
- Offer better heat resistance and lower luminous decay for the raw materials with the vertical heat dissipation bracket





COLOR TEMPERATURE

Correlated Color Temperature (CCT)

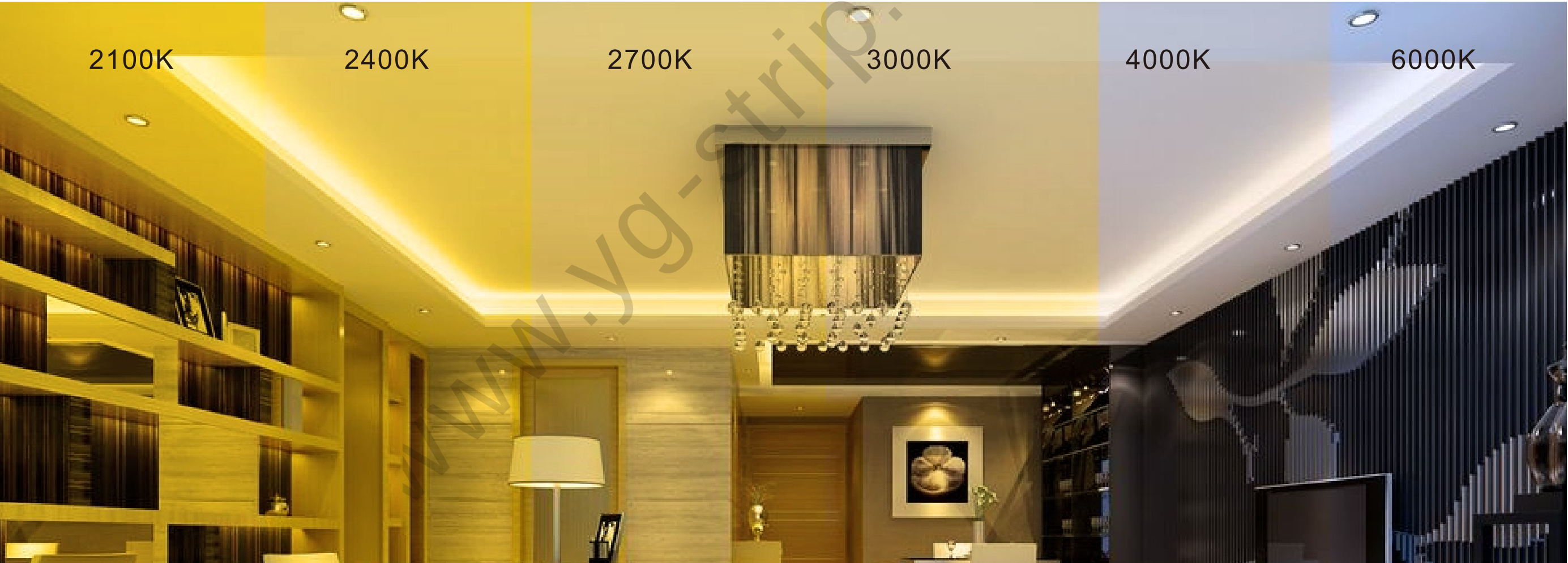
The higher CCT close to bluish, and the lower CCT close to yellowish, our six standard cct for option.

2100K, 2400K suitable create the golden visual effects

2700K, 3000K suitable for home environment or personal space, it reflects warm and security feeling.

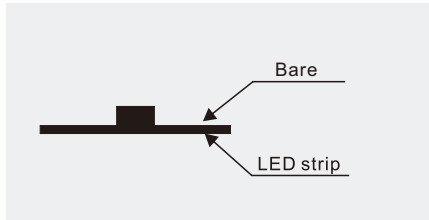
4000K suitable for commercial lighting, it reflects warm and comfortable feeling.

6000K suitable for office space, it reflects rigorous and bright feeling.

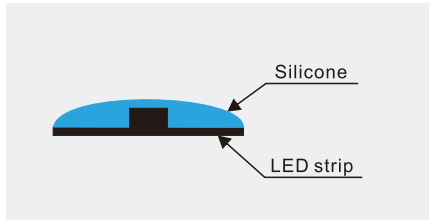


- Silicone anti-UV 3years, low temperature -30°C.
- IP20: bare, max. light output and the best color consistency, indoor use
- IP65: silicone dropper, ~5% less output and 3rd best color consistency, indoor use
- IP67: silicone tube or heat shrink tube, ~3% less output and 2nd best color consistency, indoor or semi-outdoor use
- IP68: silicone filling, ~7% less output and 4th best color consistency, underwater or outdoor use.

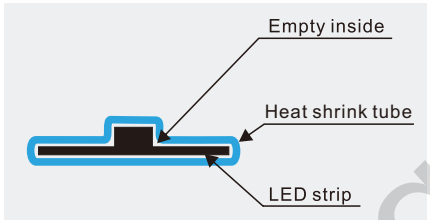
IP20 (Non-waterproof)



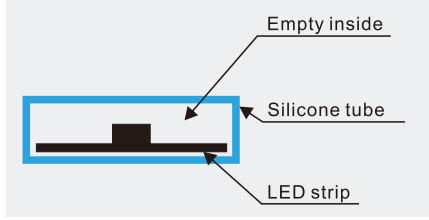
IP65 (Silicone dropper)



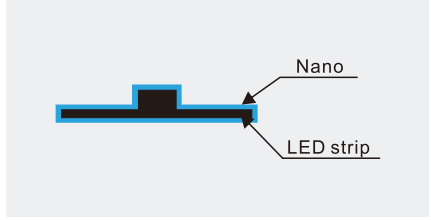
IP67 (Heat shrink tube)



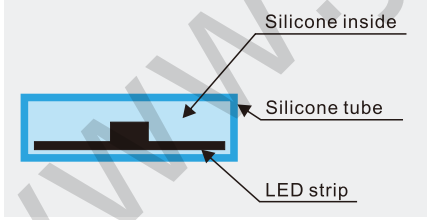
IP67 (Silicone tube)



IP68 (Nano-waterproof)



IP68 (Silicone filling)



New products >>>

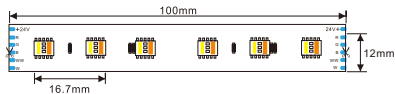


RGB+CCT(5 Chips in 1 LED)



Dimension & IP grade

Only 24V:



ONE BIN ONLY

RGBWW Controller

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3-5 Y Warranty

RGB

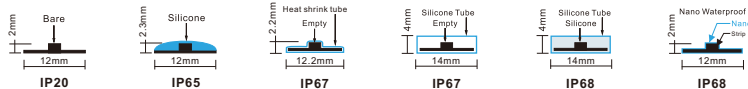
2400K 6000K

• 24Watt/meter

• 900lumen/meter(lm/m)

• One Bin Only: 3 MacAdam

• Ra/CRI>80



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	60LED, 16.7mm LED pitch	6LED	100mm	24Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
37.5lumen/Watt	120°	24V	5A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-LS5050RGCCT-W24	900	80	18	RGB+2400K+6000K

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

020SMD 60LEDs RGB Flex Strip(Side Emitted)



Dimension & IP grade

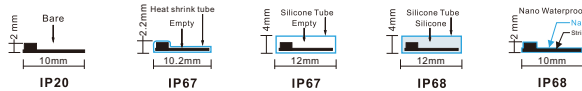
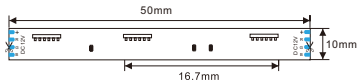


• 12Watt/meter

• RGB side emitted

• PWM dimming compatible

Only 12V:



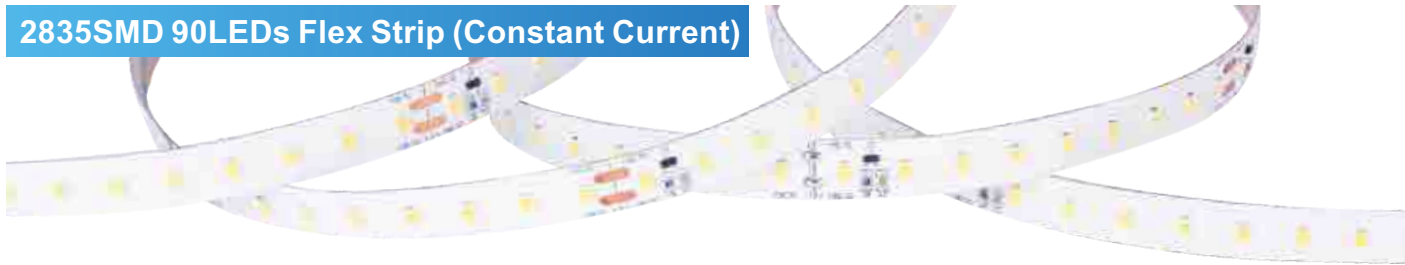
Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	60LED, 16.7mm LED pitch	3LED	50mm	12Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
N/A	120°	12V	5A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-ES020RGB-W12	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

2835SMD 90LEDs Flex Strip (Constant Current)



30m max with one end power!

Dimension & IP grade



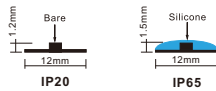
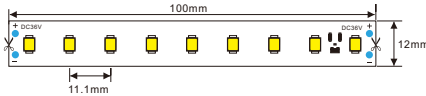
• 7.2Watt/meter

• 630lumen/meter(lm/m)

• One Bin Only: 3 MacAdam

• Ra/CRI>80(CRI>90 option)

Only 36V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
30000mmx12mmx1.2mm	90LED, 11.1mm LED pitch	9LED	100mm	7.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
87.5lumen/Watt	120°	36V	6A	-20°C~+50°C

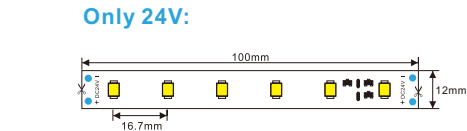
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG90-CS2835WW21-W36	518	83	22	2100±100
YG90-CS2835WW24-W36	533	83	21	2400±100
YG90-CS2835WW27-W36	545	85	27	2700±100
YG90-CS2835WW30-W36	565	85	24	3000±100
YG90-CS2835NW40-W36	585	85	25	4000±200
YG90-CS2835DW60-W36	630	83	19	6000±300
YG90-CS2835R/G/B-W36	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

2835SMD 60LEDs Flex Strip (Constant Current)

🔥 20m max with one end power!

Dimension & IP grade



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

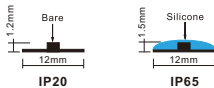
0/1~10V PWM DALI

Lifetime

LM 80

LM 80 compliant

3~5 Y Warranty



- 8.5Watt/meter
- 995lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
20000mmx12mmx1.2mm	60LED, 16.7mm LED pitch	6LED	100mm	8.5Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
117lumen/Watt	120°	24V	7A	-20°C~+50°C

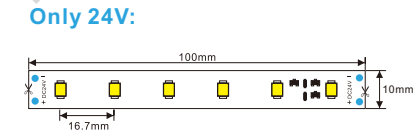
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-CS2835WW21-W24	912	82	16	2100±100
YG60-CS2835WW24-W24	932	82	17	2400±100
YG60-CS2835WW27-W24	941	83	22	2700±100
YG60-CS2835WW30-W24	955	85	21	3000±100
YG60-CS2835NW40-W24	978	83	22	4000±200
YG60-CS2835DW60-W24	995	82	19	6000±300

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

2835SMD 60LEDs Flex Strip (Constant Current)

🔥 10m max with one end power!

Dimension & IP grade



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

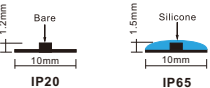
0/1~10V PWM DALI

Lifetime

LM 80

LM 80 compliant

3~5 Y Warranty



- 12Watt/meter
- 1320lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
10000mmx10mmx1.2mm	60LED, 16.7mm LED pitch	6LED	100mm	12Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
110lumen/Watt	120°	24V	5A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-CS2835WW21-W24	1102	83	22	2100±100
YG60-CS2835WW24-W24	1193	84	25	2400±100
YG60-CS2835WW27-W24	1235	86	28	2700±100
YG60-CS2835WW30-W24	1275	85	26	3000±100
YG60-CS2835NW40-W24	1302	83	22	4000±200
YG60-CS2835DW60-W24	1320	83	21	6000±300
YG60-CS2835R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 60LEDs RGB Flex Strip (Constant Current)

🔥 15m max with one end power!


ONE
BIN
ONLY

RGB
Controller

Lifetime

LM 80
compliant

• 11Watt/meter

• PWM dimming compatible



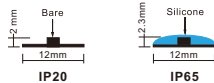
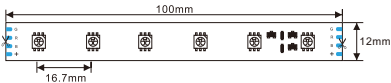




3~5 Y
Warranty

Dimension & IP grade

Only 24V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
15000mmx12mmx2mm	60LED, 16.7mm LED pitch	6LED	100mm	11Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
N/A	120°	24V	6.875A	-20°C~+50°C

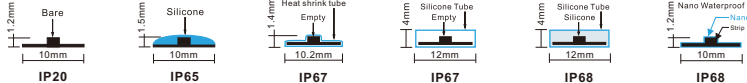
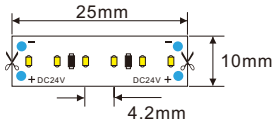
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-CS5050RGB-W24	N/A	N/A	N/A	N/A

Note: R/G/B wave length is 620~625nm/520~525nm/465~470nm .

2216SMD 240LEDs Flex Strip

Dimension & IP grade

Only 24V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	240LED, 4.2mm LED pitch	6LED	25mm	19.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
87lumen/Watt	120°	24V	4A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG240-S2216WW30-W24	1440	93	53	2800-3200
YG240-S2216NW40-W24	1530	92	32	4000-4500
YG240-S2216DW60-W24	1680	90	26	6000-6500

Note: Above data is based on Ra/CRI>90.

5050SMD 60LEDs Flex Strip (DMX512)

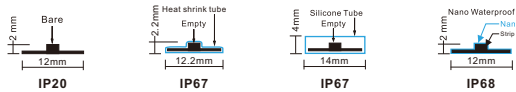
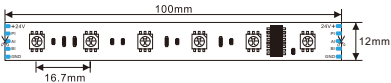
No need DMX decoder



- 14.4Watt/meter
- One step one DMX IC
- 6LED per pixel

Dimension & IP grade

Only 24V:



Electrical & Optical data

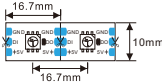
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	60LED, 16.7mm LED pitch	6LED	100mm	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
N/A	120°	24V	3A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-DMXS5050RGB-W24	N/A	N/A	N/A	N/A

Note: R/G/B wave length is 620~625nm/520~525nm/465~470nm.

5050SMD 60LEDs Flex Strip (MAGIC)

Dimension & IP grade

Only 5V:





- 18Watt/meter
- IC sk6812 built-in LED
- One LED one pixel
- 30LEDs & 144LEDs for option

Electrical & Optical data

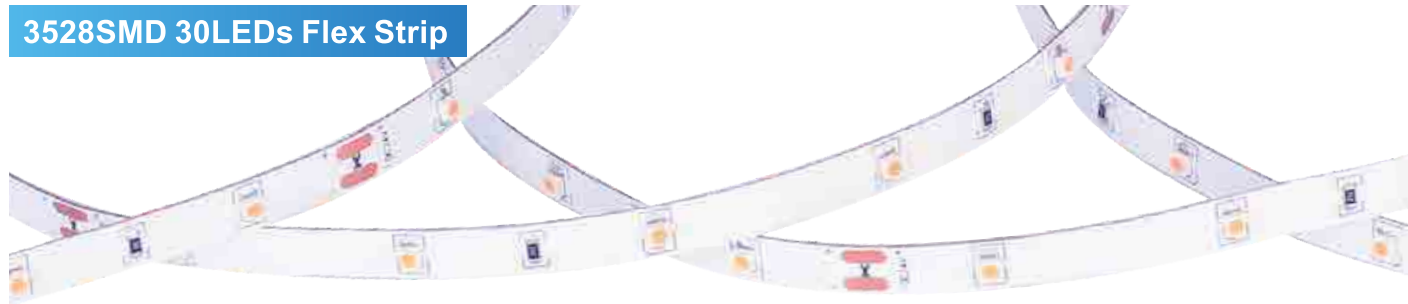
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	60LED, 16.7mm LED pitch	1LED	16.7mm	18Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
N/A	120°	5V	18A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-ICS5050RGB-W5	N/A	N/A	N/A	N/A

Note: R/G/B wave length is 620~625nm/520~525nm/465~470nm.

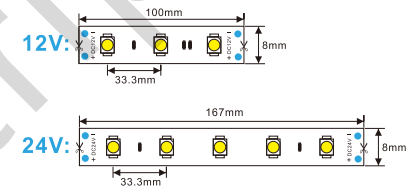
3528 Series >>>



3528SMD 30LEDs Flex Strip



Dimension & IP grade



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1~10V PWM DALI

L80 50000hrs

Lifetime

LM 80

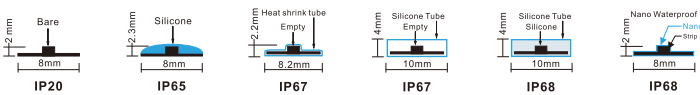
LM 80 compliant

ETL

CE

RoHS

3~5 Y Warranty



Electrical & Optical data

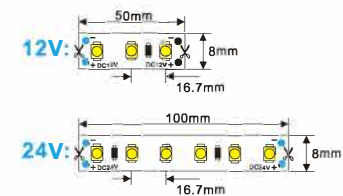
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx2mm	30LED,33.3mm LED pitch	5LED(24V)/3LED(12V)	167mm(24V)/100mm(12V)	2.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	0.5A(24V)/1A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG30-S3528WW21-W24	128	83	20	2100±100
YG30-S3528WW24-W24	132	83	22	2400±100
YG30-S3528WW27-W24	144	85	27	2700±100
YG30-S3528WW30-W24	152	85	25	3000±100
YG30-S3528WW40-W24	165	84	23	4000±200
YG30-S3528WW60-W24	180	83	20	6000±300
YG30-S3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3528SMD 60LEDs Flex Strip

Dimension & IP grade



Electrical & Optical data

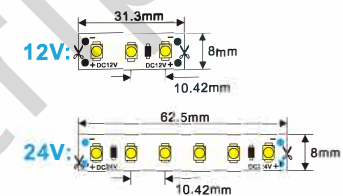
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx2mm	60LED, 16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	4.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	1A(24V)/2A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S3528WW21-W24	276	82	17	2100±100
YG60-S3528WW24-W24 L	284	83	19	2400±100
YG60-S3528WW27-W24	298	84	22	2700±100
YG60-S3528WW30-W24	310	85	27	3000±100
YG60-S3528NW40-W24	322	84	24	4000±200
YG60-S3528DW60-W24	360	82	18	6000±300
YG60-S3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3528SMD 96LEDs Flex Strip

Dimension & IP grade



Electrical & Optical data

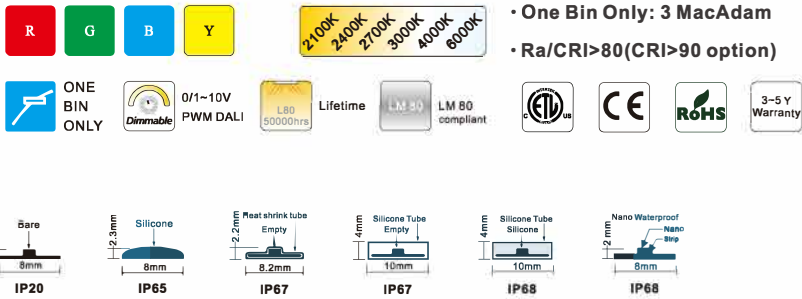
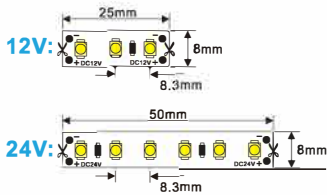
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx2mm	96LED, 10.42mm LED pitch	6LED(24V)/3LED(12V)	62.5mm(24V)/31.3mm(12V)	7.68Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	1.6A(24V)/3.2A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG96-S3528WW21-W24 L	467	83	18	2100±100
YG96-S3528WW24-W24 L	476	82	17	2400±100
YG96-S3528WW27-W24 L	480	84	24	2700±100
YG96-S3528WW30-W24 L	512	85	27	3000±100
YG96-S3528NW40-W24 L	545	82	19	4000±200
YG96-S3528DW60-W24 L	576	81	16	6000±300
YG96-S3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3528SMD 120LEDs Flex Strip

Dimension & IP grade



- 9.6Watt/meter
- 720lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

Electrical & Optical data

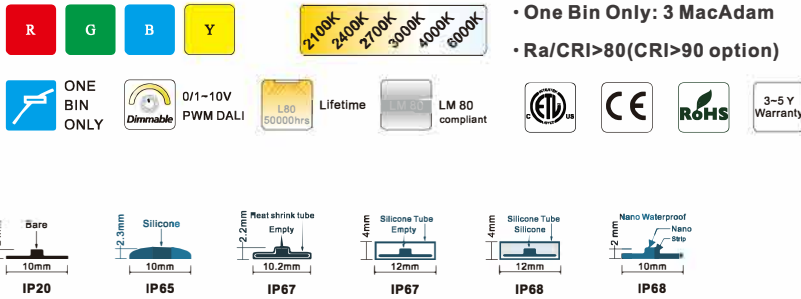
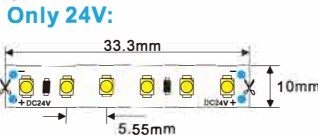
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx2mm	120LED,8.3mm LED pitch	6LED(24V)/3LED(12V)	50mm(24V)/25mm(12V)	9.6Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	2A(24V)/4A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-S3528WW21-W24	578	83	20	2100±100
YG120-S3528WW24-W24	598	82	18	2400±100
YG120-S3528WW27-W24	631	83	21	2700±100
YG120-S3528WW30-W24	661	84	26	3000±100
YG120-S3528NW40-W24	690	85	26	4000±200
YG120-S3528DW60-W24	720	84	22	6000±300
YG120-S3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3528SMD 180LEDs Flex Strip

Dimension & IP grade



- 14.4Watt/meter
- 1080lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

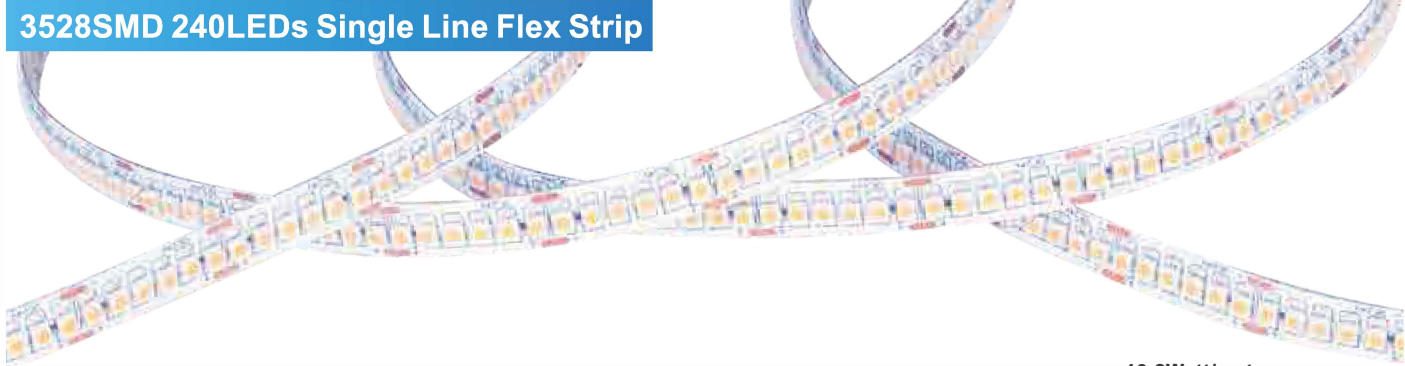
Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	180LED,5.55mm LED pitch	6LED	33.3mm	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V	3A	-20°C~+50°C

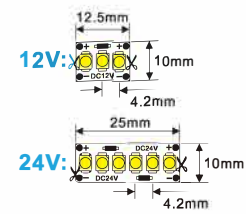
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG180-S3528WW21-W24	809	83	21	2100±100
YG180-S3528WW24-W24	834	83	20	2400±100
YG180-S3528WW27-W24	912	85	25	2700±100
YG180-S3528WW30-W24	965	86	27	3000±100
YG180-S3528NW40-W24	992	83	20	4000±200
YG180-S3528DW60-W24	1080	82	18	6000±300
YG180-S3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3528SMD 240LEDs Single Line Flex Strip



Dimension & IP grade



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1~10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3~5 Y Warranty

IP20

IP65

IP67

IP67

IP68

IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	240LED,4.2mm LED pitch	6LED(24V)/3LED(12V)	25mm(24V)/12.5mm(12V)	19.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	4A(24V)/8A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG240-SS3528WW21-W24	1098	83	19	2100±100
YG240-SS3528WW24-W24	1103	83	18	2400±100
YG240-SS3528WW27-W24	1189	86	26	2700±100
YG240-SS3528WW30-W24	1224	85	25	3000±100
YG240-SS3528NW40-W24	1320	84	22	4000±200
YG240-SS3528DW60-W24	1440	83	19	6000±300
YG240-SS3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

30

3528SMD 240LEDs Dual Line Flex Strip

Dimension & IP grade

R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1~10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3~5 Y Warranty

IP20

IP65

IP67

IP67

IP68

IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx15mmx2mm	240LED,8.3mm LED pitch	12LED(24V)/6LED(12V)	50mm(24V)/25mm(12V)	19.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	4A(24V)/8A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG240-DS3528WW21-W24	1087	82	19	2100±100
YG240-DS3528WW24-W24	1112	83	20	2400±100
YG240-DS3528WW27-W24	1169	85	24	2700±100
YG240-DS3528WW30-W24	1218	86	25	3000±100
YG240-DS3528NW40-W24	1335	82	17	4000±200
YG240-DS3528DW60-W24	1440	83	19	6000±300
YG240-DS3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

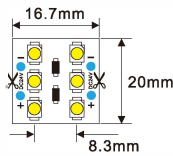
31

3528SMD 360LEDs Three Line Flex Strip



Dimension & IP grade

12V/24V

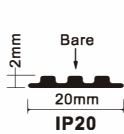


• 28.8Watt/meter

• 2160lumen/meter(lm/m)

• One Bin Only: 3 MacAdam

• Ra/CRI>80(CRI>90 option)



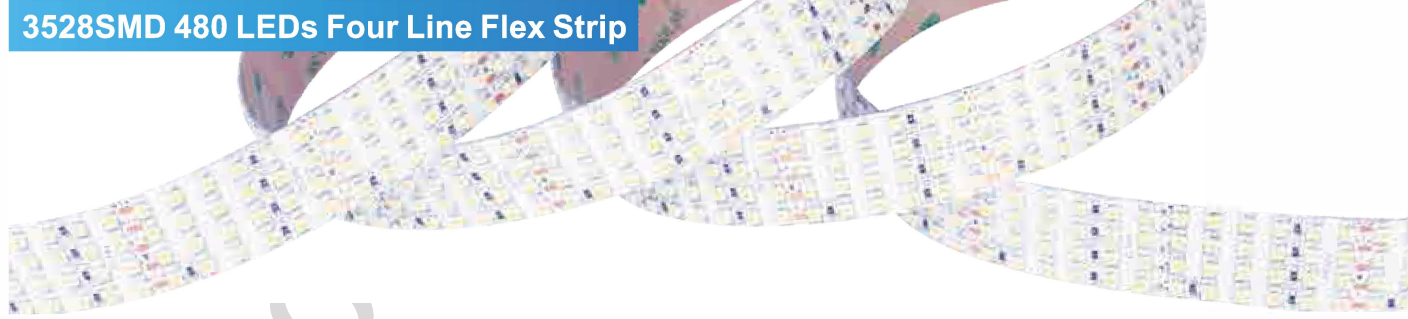
Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx20mmx2mm	360LED,8.3mm LED pitch	6LED(24V/12V)	16.7mm(24V/12V)	28.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	6A(24V)/12A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG360-TS3528WW21-W24	1605	82	18	2100±100
YG360-TS3528WW24-W24	1687	82	18	2400±100
YG360-TS3528WW27-W24	1736	84	24	2700±100
YG360-TS3528WW30-W24	1802	85	26	3000±100
YG360-TS3528NW40-W24	1988	83	19	4000±200
YG360-TS3528DW60-W24	2160	82	18	6000±300
YG360-TS3528R/G/B-W24	N/A	N/A	N/A	N/A

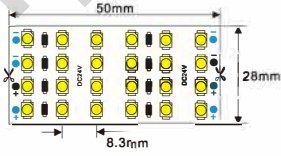
Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3528SMD 480 LEDs Four Line Flex Strip



Dimension & IP grade

Only 24V:

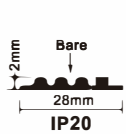


• 38.4Watt/meter

• 2880lumen/meter(lm/m)

• One Bin Only: 3 MacAdam

• Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx28mmx2mm	480LED,8.3mm LED pitch	24LED	50mm	38.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V	8A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG480-FS3528WW21-W24	2132	83	20	2100±100
YG480-FS3528WW24-W24	2206	83	18	2400±100
YG480-FS3528WW27-W24	2312	85	24	2700±100
YG480-FS3528WW30-W24	2453	85	25	3000±100
YG480-FS3528NW40-W24	2665	84	22	4000±200
YG480-FS3528DW60-W24	2880	83	20	6000±300
YG480-FS3528R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

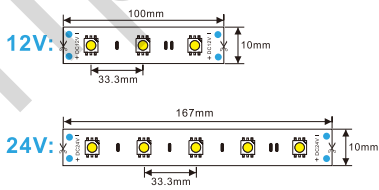
5050 Series >>>



5050SMD 30LEDs Flex Strip



Dimension & IP grade



Color options: R, G, B, Y, RGB, 2100K, 2400K, 2700K, 3000K, 4000K, 6000K

ONE BIN ONLY, Dimmable, 0/1~10V PWM DALI, RGB Controller, L80 50000hrs, Lifetime, LM 80, LM 80 compliant, ETL, CE, RoHS, 3~5 Y Warranty

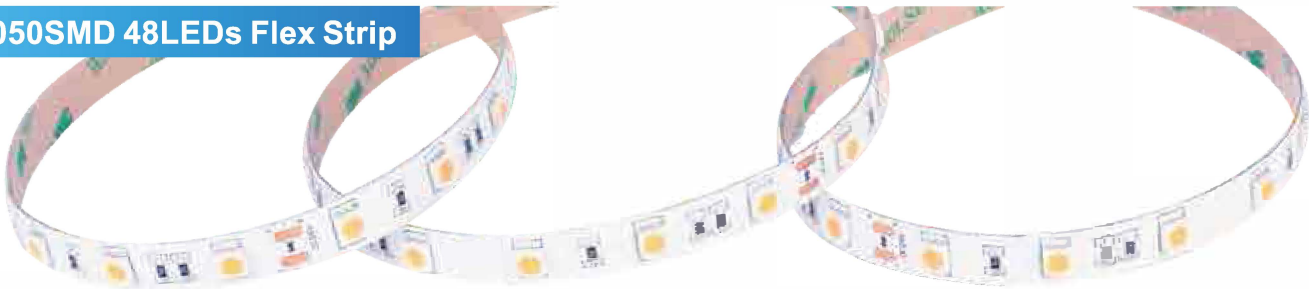
IP20, IP65, IP67, IP67, IP68, IP68

Electrical & Optical data

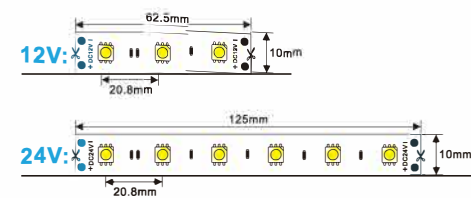
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	30LED,33.3mm LED pitch	5LED(24V)/3LED(12V)	167mm(24V)/100mm(12V)	7.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	1.5A(24V)/3A(12V)	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG30-S5050WW21-W24	450	82	18	2100±100
YG30-S5050WW24-W24	480	83	20	2400±100
YG30-S5050WW27-W24	510	85	27	2700±100
YG30-S5050WW30-W24	540	86	29	3000±100
YG30-S5050NW40-W24	570	83	20	4000±200
YG30-S5050DW60-W24	600	83	19	6000±300
YG30-S5050R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 48LEDs Flex Strip



Dimension & IP grade



ONE BIN ONLY

Dimmable

0/1~10V PWM DALI

RGB Controller

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3~5 Y Warranty

R

G

B

Y

RG

2100K

2400K

2700K

3000K

4000K

6000K

Bare

Silicone

Heat shrink tube Empty

Silicone Tube Empty

Silicone Tube Silicone

Nano Waterproof

IP20

IP65

IP67

IP67

IP68

IP68

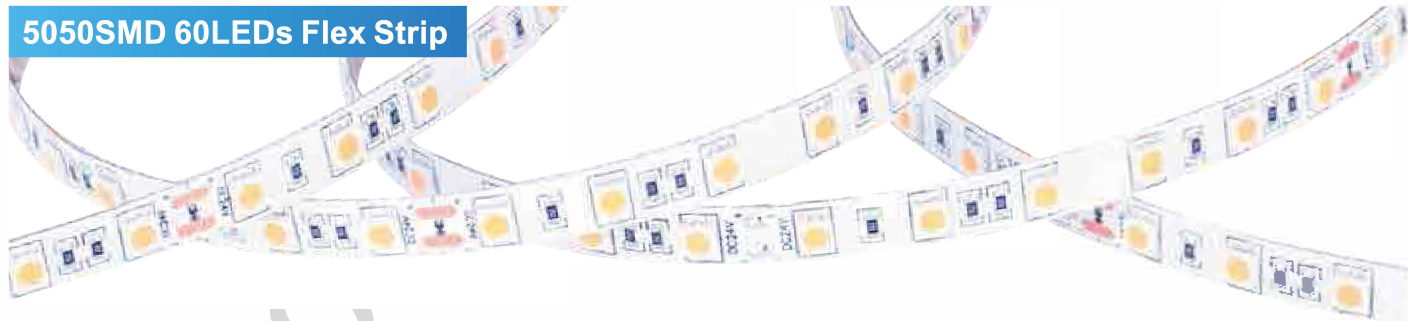
Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	48LED,20.8mm LED pitch	6LED(24V)/3LED(12V)	125mm(24V)/62.5mm(12V)	11.5Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	2.4A(24V)/4.8A(12V)	-20°C~+50°C

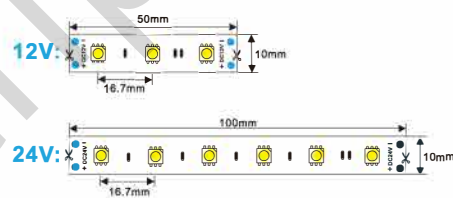
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG48-S5050WW21-W24	720	82	17	2100±100
YG48-S5050WW24-W24	768	82	18	2400±100
YG48-S5050WW27-W24	816	84	25	2700±100
YG48-S5050WW30-W24	864	85	27	3000±100
YG48-S5050NW40-W24	912	84	21	4000±200
YG48-S5050DW60-W24	960	83	19	6000±300
YG48-S5050R/G/B-W24	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 60LEDs Flex Strip



Dimension & IP grade



ONE BIN ONLY

Dimmable

0/1~10V PWM DALI

RGB Controller

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3~5 Y Warranty

R

G

B

Y

RG

2100K

2400K

2700K

3000K

4000K

6000K

Bare

Silicone

Heat shrink tube Empty

Silicone Tube Empty

Silicone Tube Silicone

Nano Waterproof

IP20

IP65

IP67

IP67

IP68

IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	60LED,16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	3A(24V)/6A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S5050WW21-W24	900	82	18	2100±100
YG60-S5050WW24-W24	960	83	20	2400±100
YG60-S5050WW27-W24	1020	85	26	2700±100
YG60-S5050WW30-W24	1080	84	24	3000±100
YG60-S5050NW40-W24	1140	83	20	4000±200
YG60-S5050DW60-W24	1200	82	18	6000±300
YG60-S5050R/G/B-W24	N/A	N/A	N/A	N/A

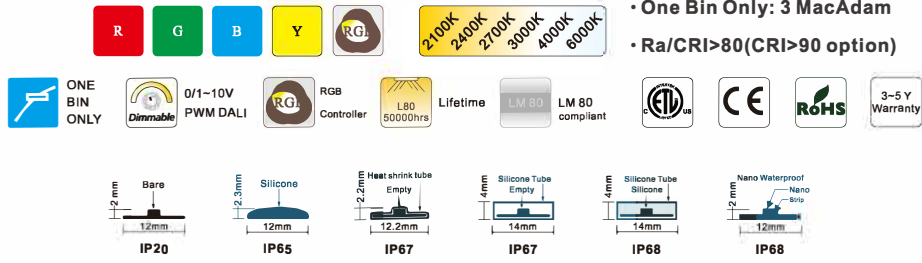
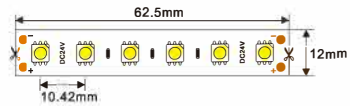
Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 96LEDs Single Line Flex Strip



Dimension & IP grade

Only 24V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	96LED, 10.42mm LED pitch	6LED	62.5mm	23.04Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V	4.8A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG96-S5050WW21-W24	1440	83	26	2100±100
YG96-S5050WW24-W24	1536	82	27	2400±100
YG96-S5050WW27-W24	1632	85	30	2700±100
YG96-S5050WW30-W24	1728	86	32	3000±100
YG96-S5050NW40-W24	1824	87	26	4000±200
YG96-S5050DW60-W24	1920	85	37	6000±300
YG96-S5050R/G/B-W24	N/A	N/A	N/A	N/A

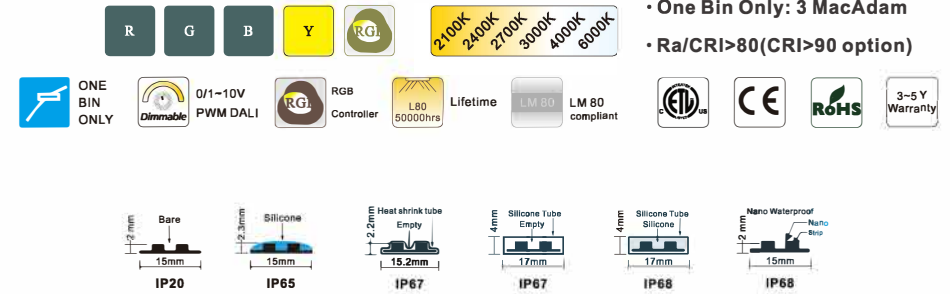
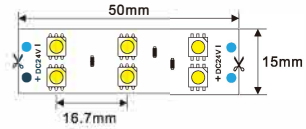
Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 120LEDs Dual Line Flex Strip



Dimension & IP grade

Only 24V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx15mmx2mm	120LED, 16.7mm LED pitch	6LED	50mm	28.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V	6A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-DS5050WW21-W24	1800	82	19	2100±100
YG120-DS5050WW24-W24	1920	84	24	2400±100
YG120-DS5050WW27-W24	2040	85	25	2700±100
YG120-DS5050WW30-W24	2160	86	27	3000±100
YG120-DS5050NW40-W24	2280	83	22	4000±200
YG120-DS5050DW60-W24	2400	83	21	6000±300
YG120-DS5050R/G/B-W24	N/A	N/A	N/A	N/A

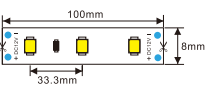
Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

2835 Series >>>

2835SMD 30LEDs Flex Strip

Dimension & IP grade

Only 12V:



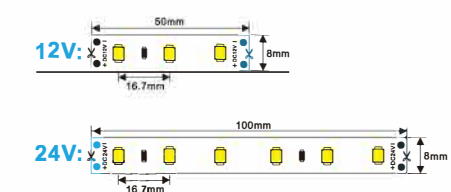
Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	30LED,33.3mm LED pitch	3LED	100mm	6Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
110lumen/Watt	120°	12V	2.5A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG30-S52835WW21-W12	522	83	21	2100±100
YG30-S52835WW24-W12	530	83	20	2400±100
YG30-S52835WW27-W12	576	85	26	2700±100
YG30-S52835WW30-W12	601	85	28	3000±100
YG30-S52835NW40-W12	632	84	22	4000±200
YG30-S52835NW60-W12	660	83	21	6000±300

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .



Dimension & IP grade



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1-10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3-5 Y Warranty

Bare
8mm
IP20

Silicone
8mm
IP65

Heat shrink tube
Empty
8.2mm
IP67

Silicone Tube
Empty
10mm
IP67

Silicone Tube
Silicone
10mm
IP68

Nano Waterproof
8mm
IP68

Electrical & Optical data

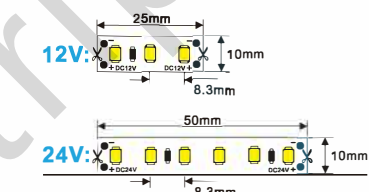
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	60LED, 16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	12Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
110lumen/Watt	120°	24V/12V	2.5A(24V)/5A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S2835WW21-W24	1170	82	16	2100±100
YG60-S2835WW24-W24	1198	82	17	2400±100
YG60-S2835WW27-W24	1225	84	24	2700±100
YG60-S2835WW30-W24	1260	85	28	3000±100
YG60-S2835NW40-W24	1291	83	22	4000±200
YG60-S2835DW60-W24	1320	82	21	6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .



Dimension & IP grade



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1-10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3-5 Y Warranty

Bare
10mm
IP20

Silicone
10mm
IP65

Heat shrink tube
Empty
10.2mm
IP67

Silicone Tube
Empty
12mm
IP67

Silicone Tube
Silicone
12mm
IP68

Nano Waterproof
10mm
IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	120LED, 8.3mm LED pitch	6LED(24V)/3LED(12V)	50mm(24V)/25mm(12V)	24Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
110lumen/Watt	120°	24V/12V	5A(24V)/10A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-S2835WW21-W24	2301	82	15	2100±100
YG120-S2835WW24-W24	2355	82	16	2400±100
YG120-S2835WW27-W24	2385	83	21	2700±100
YG120-S2835WW30-W24	2424	83	21	3000±100
YG120-S2835NW40-W24	2522	83	22	4000±200
YG120-S2835DW60-W24	2640	83	19	6000±300

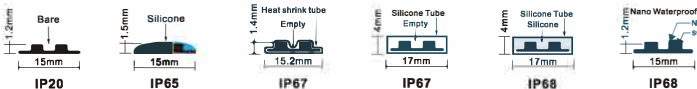
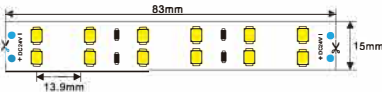
Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

2835SMD 144LEDs Dual Line Flex Strip



Dimension & IP grade

Only 24V:



- 28.8Watt/meter
- 3168lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx15mmx1.2mm	144LED,13.9mm LED pitch	12LED	83mm	28.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
110lumen/Watt	120°	24V	6A	-20°C~+50°C

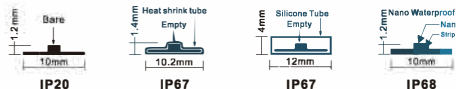
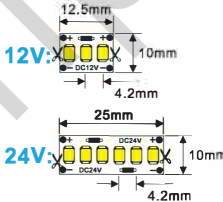
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG144-DS2835WW21-W24	2723	82	17	2100±100
YG144-DS2835WW24-W24	2755	82	16	2400±100
YG144-DS2835WW27-W24	2798	83	18	2700±100
YG144-DS2835WW30-W24	2888	83	17	3000±100
YG144-DS2835NW40-W24	3022	83	18	4000±200
YG144-DS2835DW60-W24	3168	85	23	6000±300

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

2835SMD 240LEDs Single Line Flex Strip



Dimension & IP grade



- 24Watt/meter
- 2880lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	240LED,4.2mm LED pitch	6LED(24V)/3LED(12V)	25mm(24V)/12.5mm(12V)	24Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
120lumen/Watt	120°	24V/12V	5A(24)/10A(12A)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG240-SS2835WW21-W24	2160	82	18	2100±100
YG240-SS2835WW24-W24	2280	82	16	2400±100
YG240-SS2835WW27-W24	2400	85	24	2700±100
YG240-SS2835WW30-W24	2630	83	20	3000±100
YG240-SS2835NW40-W24	2640	83	19	4000±200
YG240-SS2835DW60-W24	2880	82	15	6000±300

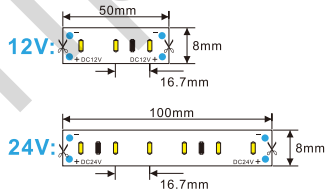
Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3014 Series >>>



3014SMD 60LEDs Flex Strip

Dimension & IP grade



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	60LED, 16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	7.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	1.5A(24V)/3A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG-S3014WW30-W24	540	85	25	3000±100
YG-S3014NW40-W24	591	84	22	4000±200
YG-S3014DW60-W24	600	83	20	6000±300

Note: Above data is based on Ra/CRI>80.

- 7.2Watt/meter
- 600lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

3000K4000K6000K

ONE BIN ONLY

Dimmable0/1~10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

CE

RoHS

3~5 Y Warranty

IP20

IP65

IP67

IP67

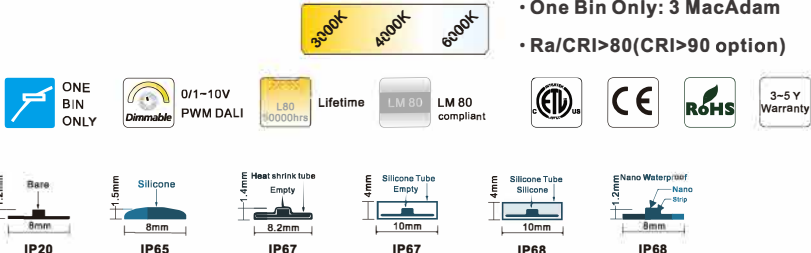
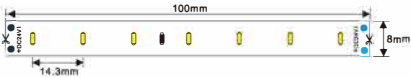
IP68

IP68

3014SMD 70LEDs Flex Strip

Dimension & IP grade

Only 24V:



- 7.2Watt/meter
- 700lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

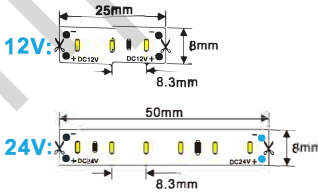
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	70LED, 14.3mm LED pitch	7LED	100mm	7.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
97.2lumen/Watt	120°	24V	1.5A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG70-S3014WW30-W24	630	85	28	3000±100
YG70-S3014NW40-W24	665	84	24	4000±200
YG70-S3014DW60-W24	700	82	21	6000±300

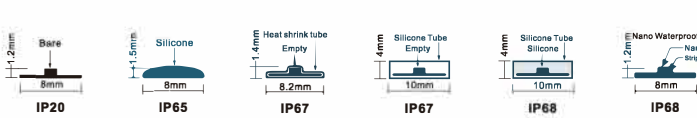
Note: Above data is based on Ra/CRI>80

3014SMD 120LEDs Flex Strip

Dimension & IP grade



- 14.4Watt/meter
- 1200 lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	120LED, 8.3mm LED pitch	6LED(24V)/3LED(12V)	50mm(24V)/25mm(12V)	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	3A(24V)/6A(12V)	-20°C~+50°C

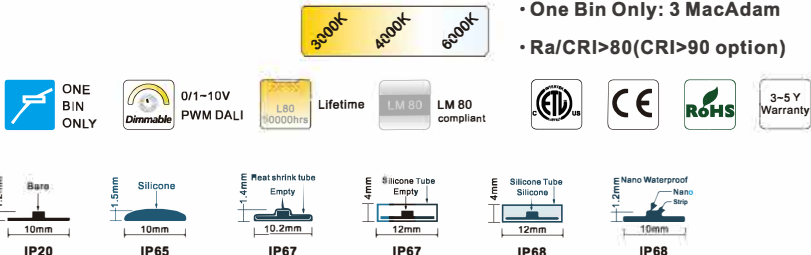
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-S3014WW30-W24	1080	84	23	3000±100
YG120-S3014NW40-W24	1140	84	23	4000±200
YG120-S3014DW60-W24	1200	83	22	6000±300

Note: Above data is based on Ra/CRI>80

3014SMD 140LEDs Flex Strip

Dimension & IP grade

Only 24V:



- 14.4Watt/meter
- 1400lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

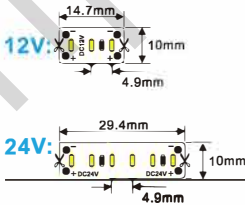
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	140LED, 7.1mm LED pitch	7LED	50mm	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
97.2lumen/Watt	120°	24V	3A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG140-S3014WW30-W24	1260	83	14	3000±100
YG140-S3014NW40-W24	1356	85	22	4000±200
YG140-S3014DW60-W24	1400	83	17	6000±300

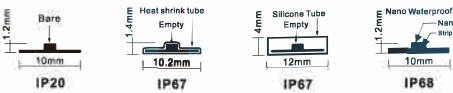
Note: Above data is based on Ra/CRI>80.

3014SMD 204LEDs Flex Strip

Dimension & IP grade



- 20.4Watt/meter
- 2040 lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	204LED, 4.9mm LED pitch	6LED(24V)/3LED(12V)	29.4mm(24V)/14.7mm(12V)	20.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
100lumen/Watt	120°	24V/12V	4.25A(24V)/8.5A(12V)	-20°C~+50°C

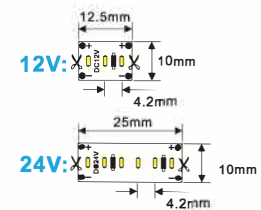
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG204-S3014WW30-W24	1836	83	21	3000±100
YG204-S3014NW40-W24	1945	84	23	4000±200
YG204-S3014DW60-W24	2040	83	20	6000±300

Note: Above data is based on Ra/CRI>80.

3014SMD 240LEDs Single Line Flex Strip



Dimension & IP grade



3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1~10V PWM DALI

L80 90000hrs

Lifetime

LM 80

LM 80 compliant

CE

CE

RoHS

3-5 Y Warranty

IP20

IP67

IP67

IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	240LED,4.2mm LED pitch	6LED(24V)/3LED(12V)	25mm(24V)/12.5mm(12V)	24Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
100lumen/Watt	120°	24V/12V	5A(24V)/10A(12V)	-20°C~+50°C

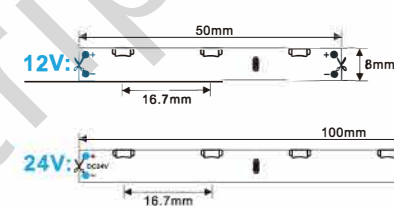
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG240-S3014WW30-W24	2160	83	20	3000±100
YG240-S3014NW40-W24	2280	85	26	4000±200
YG240-S3014DW60-W24	2400	82	17	6000±300

Note: Above data is based on Ra/CRI>80.

3014SMD 60LEDs Flex Strip(Side Emitted)



Dimension & IP grade



3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1~10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

CE

CE

RoHS

3-5 Y Warranty

IP20

IP67

IP67

IP68

IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx2mm	60LED,16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	6Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
100lumen/Watt	120°	24V/12V	1.25A(24V)/2.5A(12V)	-20°C~+50°C

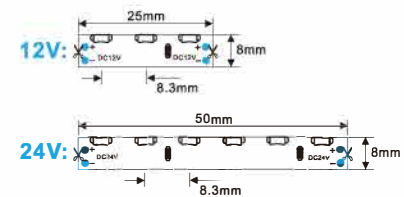
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-ES3014WW30-W24	540	83	19	3000±100
YG60-ES3014NW40-W24	570	84	24	4000±200
YG60-ES3014DW60-W24	600	81	14	6000±300

Note: Above data is based on Ra/CRI>80.

3014SMD 120LEDs Flex Strip(Side Emitted)



Dimension & IP grade



3000K4000K6000K

ONE BIN ONLY

Dimmable

0/1~10V
PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3~5 Y
Warranty

Bare
8mm
IP20

Heat shrink tube
Empty
8.2mm
IP67

Silicone Tube
Empty
10mm
IP67

Silicone Tube
Silicone
10mm
IP68

Nano Waterproof
Nano
8mm
IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx2mm	120LED,8.3mm LED pitch	6LED(24V)/3LED(12V)	50mm(24V)/25mm(12V)	12Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
100lumen/Watt	120°	24V/12V	2.5A(24V)/5A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-ES3014WW30-W24	1080	85	24	3000±100
YG120-ES3014NW40-W24	1140	84	22	4000±200
YG120-ES3014DW60-W24	1200	85	26	6000±300

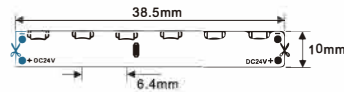
Note: Above data is based on Ra/CRI>80.

3014SMD 156LEDs Flex Strip(Side Emitted)



Dimension & IP grade

Only 24V:



3000K4000K6000K

ONE BIN ONLY

Dimmable

0/1~10V
PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3~5 Y
Warranty

Bare
10mm
IP20

Heat shrink tube
Empty
10.2mm
IP67

Silicone Tube
Empty
12mm
IP67

Silicone Tube
Silicone
12mm
IP68

Nano Waterproof
Nano
10mm
IP68

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	156LED,6.4mm LED pitch	6LED(24V)	38.5mm(24V)	15.6Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
100lumen/Watt	120°	24V	3.25A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG156-ES3014WW30-W24	1404	83	20	3000±100
YG156-ES3014NW40-W24	1482	84	23	4000±200
YG156-ES3014DW60-W24	1560	85	27	6000±300

Note: Above data is based on Ra/CRI>80.

5630 Series >>>



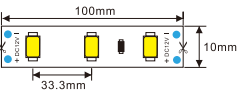
5630SMD 30LEDs Flex Strip



Chip option: SAMSUNG OSRAM SEOUL

Dimension & IP grade

Only 12V:



2700K 3000K 4000K 6000K



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	30LED,33.3mm LED pitch	3LED	100mm	7.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
125lumen/Watt	120°	12V	3A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG30-S5630WW27-W24	810	84	27	2700±100
YG30-S5630WW30-W24	840	85	28	3000±100
YG30-S5630DW60-W24	870	83	20	4000±200
YG30-S5630NW40-W24	900	81	17	6000±300

Note: Above data is based on Ra/CRI>80 .

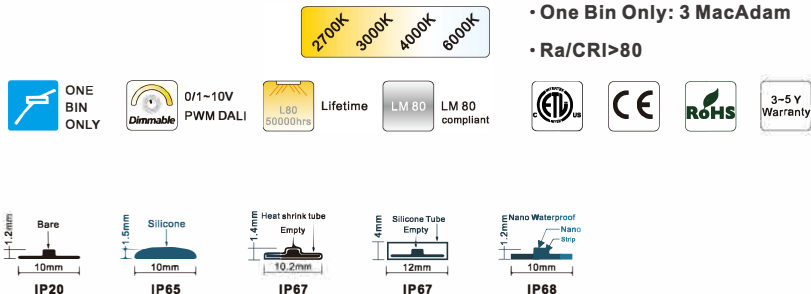
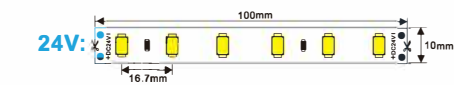
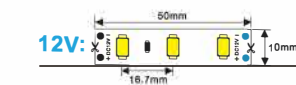
5630SMD 60LEDs Flex Strip



Chip option:



Dimension & IP grade



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	60LED, 16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
125lumen/Watt	120°	24V/12V	3A(24V)/6A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S5630WW27-W24	1620	85	27	2700±100
YG60-S5630WW30-W24	1680	85	28	3000±100
YG60-S5630NW40-W24	1740	83	22	4000±200
YG60-S5630DW60-W24	1800	83	22	6000±300

Note: Above data is based on Ra/CRI>80 .

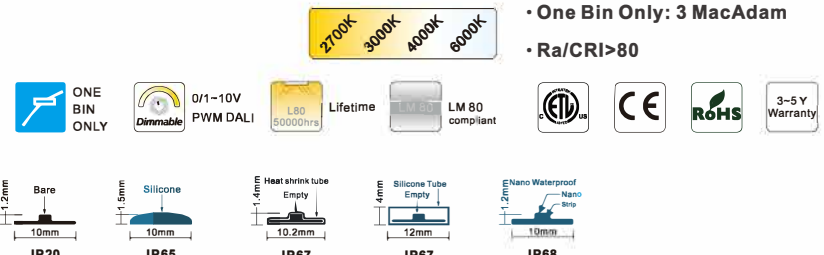
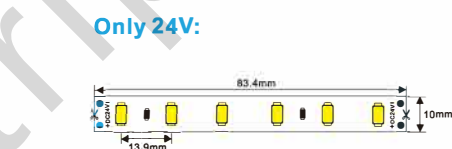
5630SMD 72LEDs Flex Strip



Chip option:



Dimension & IP grade



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	72LED, 13.9mm LED pitch	6LED	83.4mm	17.28Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
125lumen/Watt	120°	24V	3.6A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG72-S5630WW27-W24	1944	85	27	2700±100
YG72-S5630WW30-W24	2016	84	26	3000±100
YG72-S5630NW40-W24	2088	83	22	4000±200
YG72-S5630DW60-W24	2160	83	21	6000±300

Note: Above data is based on Ra/CRI>80 .

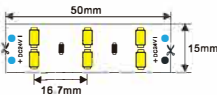
5630SMD 120LEDs Dual Line Flex Strip



Chip option:   

Dimension & IP grade

Only 24V:



 ONE BIN ONLY

 0/1~10V PWM DALI

 Lifetime 50000hrs

 LM 80

 LM 80 compliant











2700K3000K4000K6000K

 Bare
1.2mm
15mm
IP20

 Heat shrink tube Empty
1.4mm
15.2mm
IP67

 Silicone Tube Empty
4mm
17mm
IP67

 Nano Waterproof
1.2mm
15mm
IP68

- 28.8Watt/meter
- 3600lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx15mmx1.2mm	120LED,16.7mm LED pitch	6LED	50mm	28.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
125lumen/Watt	120°	24V	6A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-DS5630WW27-W24	3240	85	27	2700±100
YG120-DS5630WW30-W24	3360	84	26	3000±100
YG120-DS5630NW40-W24	3480	83	22	4000±200
YG120-DS5630DW60-W24	3600	82	18	6000±300

Note: Above data is based on Ra/CRI>80

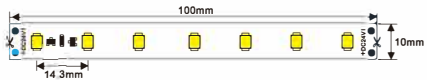
Constant Current Series >>>



2835SMD 70LEDs Flex Strip(Constant Current)

Dimension & IP grade

Only 24V:



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1-10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3-5 Y Warranty

Bare
IP20Silicone
IP65Heat shrink tube Empty
IP67Silicone Tube Empty
IP67Nano Waterproof
IP68

- 12Watt/meter
- 1320lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	70LED,14.3mm LED pitch	7LED	100mm	12Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
110lumen/Wat t	120°	24V	2.5A	-20°C~+50°C

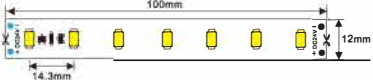
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG70-CS2835WW21-W24	1198	82	18	2100±100
YG70-CS2835WW24-W24	1222	82	17	2400±100
YG70-CS2835WW27-W24	1255	84	22	2700±100
YG70-CS2835WW30-W24	1276	85	25	3000±100
YG70-CS2835NW40-W24	1301	83	22	4000±200
YG70-CS2835DW60-W24	1320	83	23	6000±300

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm

5630SMD 70LEDs Flex Strip(Constant Current)

Dimension & IP grade

Only 24V:



Chip option: SAMSUNG OSRAM SEOUL

2700K

3000K

4000K

6000K

ONE BIN ONLY

Dimmable

0/1-10V PWM DALI

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

ETL

CE

RoHS

3-5 Y Warranty

Bare
IP20Silicone
IP65Heat shrink tube Empty
IP67Silicone Tube Empty
IP67Nano Waterproof
IP68

- 14.4Watt/meter
- 1800lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx1.2mm	70LED,14.3mm LED pitch	7LED	100mm	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
125lumen/Watt	120°	24V	3A	-20°C~+50°C

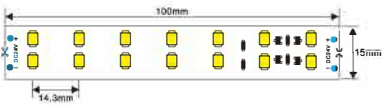
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG70-CS5630WW27-W24	1686	81	15	2700±100
YG70-CS5630WW30-W24	1702	85	26	3000±100
YG70-CS5630NW40-W24	1733	84	22	4000±200
YG70-CS5630DW60-W24	1800	82	17	6000±300

Note: Above data is based on Ra/CRI>80

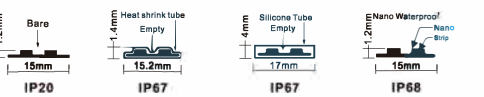
2835SMD 140LEDs Flex Strip(Constant Current)

Dimension & IP grade

Only 24V:



- 24Watt/meter
- 2327lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx15mmx1.2mm	140LED, 14.3mm LED pitch	14LED	100mm	24Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
97lumen/Watt	120°	24V	5A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG140-CS2835WW21-W24	2145	82	18	2100±100
YG140-CS2835WW24-W24	2185	82	17	2400±100
YG140-CS2835WW27-W24	2201	84	26	2700±100
YG140-CS2835WW30-W24	2258	85	25	3000±100
YG140-CS2835NW40-W24	2289	83	20	4000±200
YG140-CS2835DW60-W24	2327	82	18	6000±300

Note: Above data is based on Ra/CRI>80 .

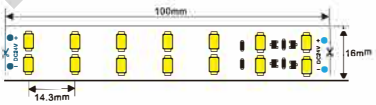
5630SMD 140LEDs Flex Strip(Constant Current)

Chip option:

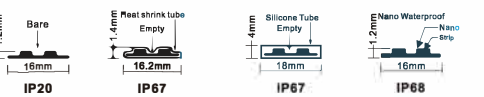


Dimension & IP grade

Only 24V:



- 28.8Watt/meter
- 2961lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx16mmx1.2mm	140LED, 14.3mm LED pitch	14LED	100mm	28.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
103lumen/Watt	120°	24V	6A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG140-CS5630WW27-W24	2832	85	24	2700±100
YG140-CS5630WW30-W24	2886	85	25	3000±100
YG140-CS5630NW40-W24	2930	83	19	4000±200
YG140-CS5630DW60-W24	2961	82	16	6000±300

Note: Above data is based on Ra/CRI>80 .

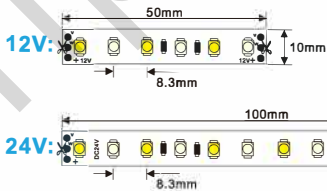
Bi-Color Series >>>



3528SMD 120LEDs Flex Strip(Bi-Color)



Dimension & IP grade



R

G

B

Y

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

Bi-color Controller

L80 50000hrs

Lifetime

LM 80

LM 80 compliant

CE

CE

RoHS

3-5 Y Warranty

- 9.6Watt/meter
- 720lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	120LED,8.3mm LED pitch	12LED(24V)/6LED(12V)	100mm(24V)/50mm(12V)	9.6Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
75lumen/Watt	120°	24V/12V	2A(24V)/4A(12V)	-20°C~+50°C

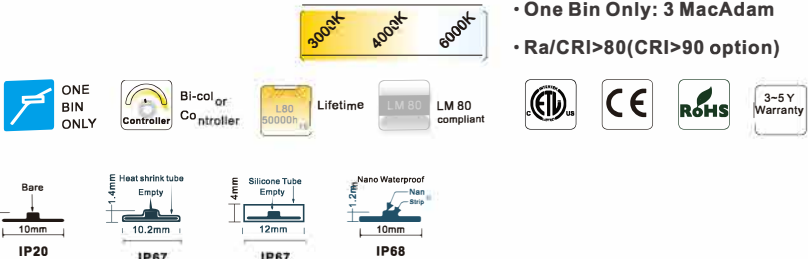
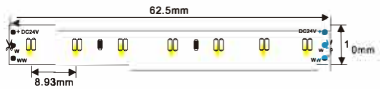
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG 120-S3528WWW-W24	561	83	21	2100±100
	578	83	23	2400±100
	611	85	27	2700±100
	645	85	27	3000±100
	695	83	21	4000±200
	720	82	18	6000±300

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

3014SMD 224LEDs Single Line Flex Strip(Bi-Color)

Dimension & IP grade

Only 24V:



- 25Watt/meter
- 2240lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

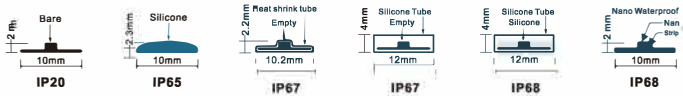
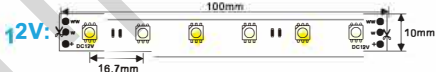
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	224LED,8.93mm LED pitch	14LED	62.5mm	25Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
89.6lumen/Watt	120°	24V	5.2A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG224-S3014WW-W24	2016	83	20	3000±100
	2110	85	24	4000±200
	2240	82	17	6000±300

Note: Above data is based on Ra/CRI>80

5050SMD 60LEDs Flex Strip(Bi-Color)

Dimension & IP grade



- 14.4Watt/meter
- 1200lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	60LED,16.7mm LED pitch	10LED(24V)/6LED(12V)	167mm(24V)/100mm(12V)	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	3A(24V)/6A(12V)	-20°C~+50°C

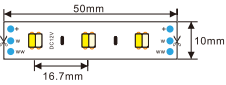
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S5050WW-W24	900	82	19	2100±100
	960	82	19	2400±100
	1020	85	26	2700±100
	1080	84	23	3000±100
	1140	83	21	4000±200
	1200	85	26	6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm

5050SMD 60LEDs Flex Strip(Bi-Color 2 Chips in 1LED)

Dimension & IP grade

Only 12V:



ONE BIN ONLY

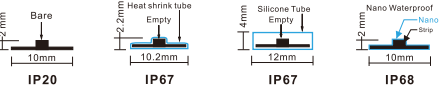
Bi-color Controller

Lifetime

LM 80

LM 80 compliant

3~5 Y Warranty



- 19.2Watt/meter
- 2208lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80

Electrical & Optical data

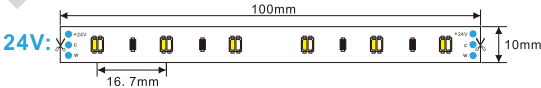
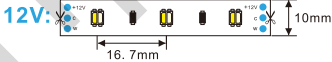
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	60LED,16.7mm LED pitch	3LED	50mm	19.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
115lumen/Watt	120°	12V	8A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-CS5050WWW-W12	1050	85	24	3000±100
	1158	82	19	6000±300

Note: Above data is based on Ra/CRI>80.

3527SMD 60LEDs Flex Strip(Bi-Color)

Dimension & IP grade



ONE BIN ONLY

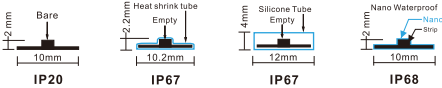
Bi-color Controller

Lifetime

LM 80

LM 80 compliant

3~5 Y Warranty



- 9.6Watt/meter
- 780lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	60LED,16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	9.6Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
81lumen/Watt	120°	24V/12V	2A(24V)/4A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S3527WWW-W12	360	83	21	3000±100
	420	81	15	6000±300

Note: Above data is based on Ra/CRI>80.

3527SMD 120LEDs Flex Strip(Bi-Color)

Diagram illustrating the pin configurations for 12V and 24V power supplies:

- 12V:** Shows a 25mm width with pins 1, 2, 3, and 4. The distance between pins 1 and 2 is 8.3mm. The total height is 10mm.
- 24V:** Shows a 50mm width with pins 1 through 8. The distance between pins 1 and 2 is 8.3mm. The total height is 10mm.

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	120LED,8.3mm LED pitch	6LED(24V)/3LED(12V)	50mm(24V)/25mm(12V)	19.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
81lumen/Watt	120°	24V/12V	4A(24V)/8A(12V)	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-S3527WWW-W12	720	84	26	3000±100
	840	82	17	6000±300

Note: Above data is based on Ra/CRI>80.

• One Bin Only: 3 MacAdam
 • Ra/CRI>80

5000K 6000K
 Bi-color Controller
 L80 50000hrs Lifetime
 LM 80 compliant
 CE
 RoHS
 3-5 Y Warranty

Bare
 10mm
 IP20

Heat shrink tube
 Empty
 10.2mm
 IP67

Silicone Tube
 Empty
 4mm
 12mm
 IP67

Nano Waterproof
 Nano 8µm
 2mm
 10mm
 IP68

5630SMD 60LEDs Flex Strip(Bi-Color)

SAMSUNG **OSRAM** **SEOUL**

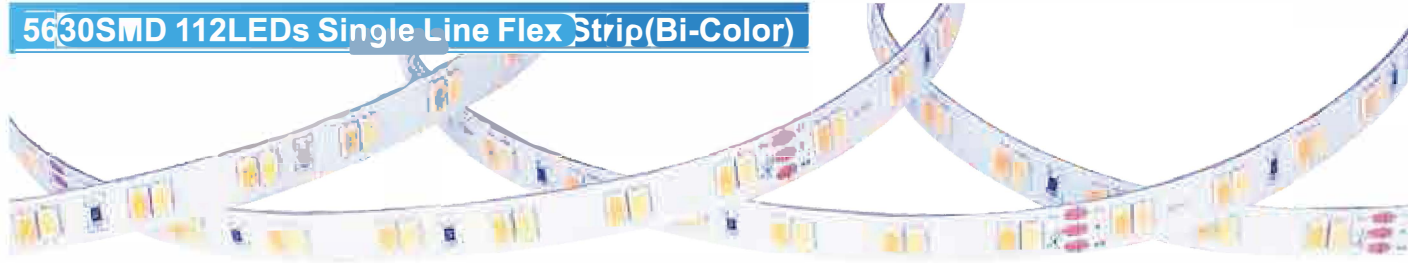
Only 24V:

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	60LED,33.3mm LED pitch	10LED	167mm	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
125lumen/Watt	120°	24V	3A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S5630WWW-W24	1620	83	20	2700±100
	1680	85	27	3000±100
	1740	83	22	4000±200
	1800	82	19	6000±300

Note: Above data is based on Ra/CRI>80.

2700K 3000K 4000K 6000K
 • One Bin Only: 3 MacAdam
 • Ra/CRI>80
 ONE BIN ONLY
 Bi-color Controller
 Lifetime L80 50000hrs
 LM80 LM 80 compliant
 ENEC
 CE
 RoHS
 3~5 Y Warranty
 IP20: Bare, 10mm, 1.2mm
 IP67: Heel shrink tube, Empty, 10.2mm, 4mm
 IP67: Silicone Tube, Empty, 12mm, 4mm
 IP68: Nano Waterproof, Empty, 10mm, 1.2mm, Nanopipe

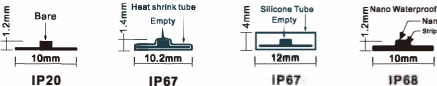
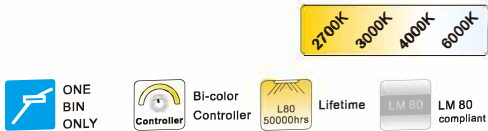
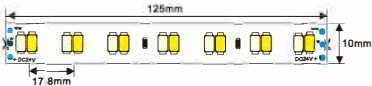
5630SMD 112LEDs Single Line Flex Strip(Bi-Color)



Chip option:   

Dimension & IP grade

Only 24V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	112LED, 17.8mm LED pitch	14LED	125mm	23Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
146lumen/Watt	120°	24V	4.8A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG112-S5630WWW-W24	3024	84	25	2700±100
	3136	85	27	3000±100
	3248	83	22	4000±200
	3360	82	18	6000±300

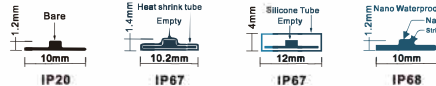
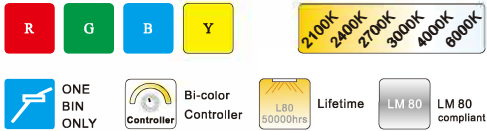
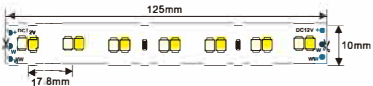
Note: Above data is based on Ra/CRI>80.

2835SMD 112LEDs Single Line Flex Strip(Bi-Color)



Dimension & IP grade

Only 12V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx1.2mm	112LED, 17.8mm LED pitch	14LED	125mm	19.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
128lumen/Watt	120°	24V	4A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG112-S2835WWW-W12	1982	83	24	2100±100
	2008	84	25	2400±100
	2119	85	28	2700±100
	2240	84	27	3000±100
	2321	83	22	4000±200
	2464	83	20	6000±300

Note: Above data is based on Ra/CRI>80.

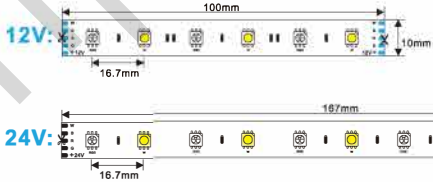
RGBW Series >>>



5050SMD 60LEDs Flex Strip(RGBW)



Dimension & IP grade



R

G

B

Y

GB

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

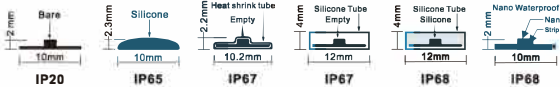
RGBW Controller

L80 50000hrs

Lifetime

LM 80 compliant

- 14.4Watt/meter
- 600lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx10mmx2mm	60LED, 16.7mm LED pitch	10LED(24V)/6LED(12V)	167mm(24V)/100mm(12V)	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	3A(24V)/6A(12V)	-20°C~+50°C

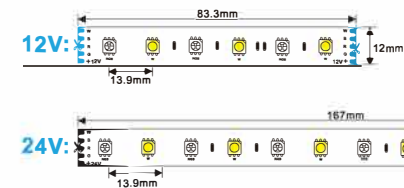
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60- S5050RGBWW- W24	450	82	18	RGB&2100±100
	480	82	19	RGB&2400±100
	510	85	25	RGB&2700±100
	540	84	23	RGB&3000±100
YG60-S5050RGBW-W24	570	83	21	RGB&4000±200
	600	82	19	RGB&6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 72LEDs Flex Strip(RGBW)



Dimension & IP grade



R

G

B

Y

GB

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

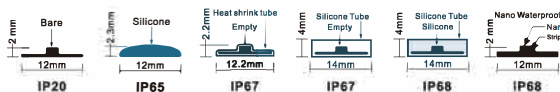
RGBW Controller

L80 50000hrs

Lifetime

LM 80 compliant

- 17.2Watt/meter
- 720lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	72LED, 13.9mm LED pitch	12LED(24V)/6LED(12V)	167mm(24V)/83.3mm(12V)	17.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	3.6A(24V)/7.2A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG72-SS5050RGBWW-W12	540	82	17	RGB&2100±100
	576	83	21	RGB&2400±100
	612	85	25	RGB&2700±100
	648	84	22	RGB&3000±100
YG72-SS5050RGBW-W12	684	83	19	RGB&4000±200
	720	83	20	RGB&6000±300

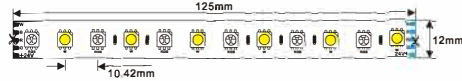
Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 96LEDs Single Line Flex Strip(RGBW)



Dimension & IP grade

Only 24V:



R

G

B

Y

GB

2100K

2400K

2700K

3000K

4000K

6000K

ONE BIN ONLY

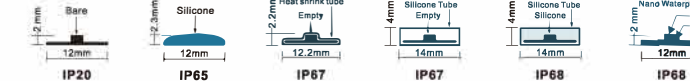
RGBW Controller

L80 50000hrs

Lifetime

LM 80 compliant

- 23Watt/meter
- 960lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80(CRI>90 option)



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	96LED, 10.42mm LED pitch	12LED	125mm	23Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V	4.8A	-20°C~+50°C

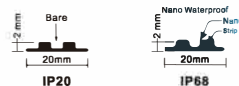
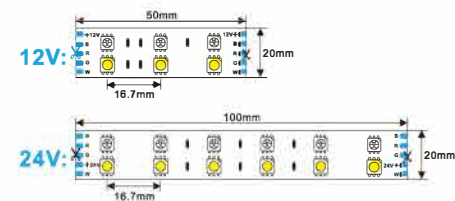
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG96-SS5050RGBW-W24	720	82	18	RGB&2100±100
	768	82	17	RGB&2400±100
	816	85	25	RGB&2700±100
	864	86	26	RGB&3000±100
YG96-SS5050RGBW-W24	912	83	19	RGB&4000±200
	960	85	22	RGB&6000±300

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 120LEDs Dual Line Flex Strip(RGBW)



Dimension & IP grade



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx20mmx2mm	120LED, 16.7mm LED pitch	12LED(24V)/6LED(12V)	100mm(24V)/50mm(12V)	28.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	6A(24V)/12A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG120-DS5050RGBWW-W24	900	82	19	RGB&2100±100
	960	82	18	RGB&2400±100
	1020	84	21	RGB&2700±100
	1080	86	27	RGB&3000±100
YG120-DS5050RGBW-W24	1140	85	23	RGB&4000±200
	1200	85	22	RGB&6000±300

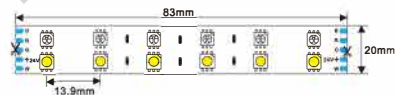
Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 144LEDs Dual Line Flex Strip(RGBW)



Dimension & IP grade

Only 24V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx20mmx2mm	144LED, 13.9mm LED pitch	12LED	83mm	34.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V	7.2A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG144-DS5050RGBWW-W24	1080	82	19	RGB&2100±100
	1152	82	18	RGB&2400±100
	1224	85	27	RGB&2700±100
	1296	82	19	RGB&3000±100
YG144-DS5050RGBW-W24	1368	83	22	RGB&4000±200
	1440	85	24	RGB&6000±300

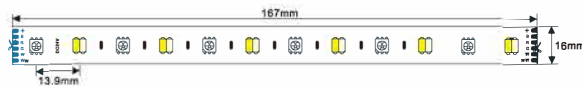
Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 72LEDs Flex Strip(RGBWW)



Dimension & IP grade

Only 24V:



- 23Watt/meter
- 720lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx16mmx2mm	72LED, 13.9mm LED pitch	12LED	167mm	23Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V	4.8A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG72-SS5050RGBWW-W24	648	82	18	RGB&3000±100
	720	85	26	RGB&6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

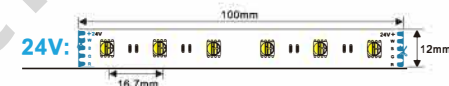
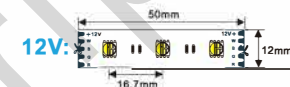
5050SMD 60LEDs Flex Strip(RGBW 4 Chips in 1 LED)



Dimension & IP grade

12V:

24V:



- 19.2Watt/meter
- 480lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	60LED, 16.7mm LED pitch	6LED(24V)/3LED(12V)	100mm(24V)/50mm(12V)	19.2Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	4A(24V)/8A(12V)	-20°C~+50°C

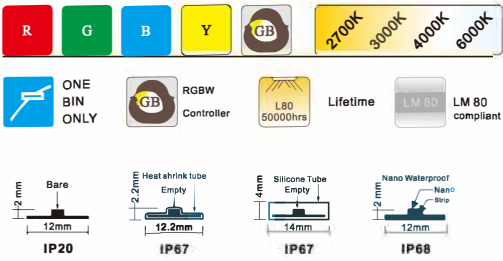
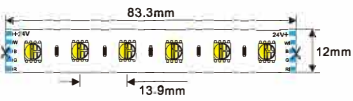
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-LS5050RGBWW-W24	335	81	16	RGB&2700±100
YG60-LS5050RGBWW-W24	360	86	19	RGB&3000±100
YG60-LS5050RGBNW-W24	420	85	22	RGB&4000±200
YG60-LS5050RGBW-W24	480	84	18	RGB&6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 72LEDs Single Line Flex Strip(RGBW 4 Chips in 1 LED)

Dimension & IP grade

Only 24V:



- 23Watt/meter
- 576lm/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80



Electrical & Optical data

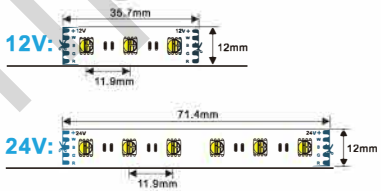
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	72LED, 13.9mm LED pitch	6LED	83.3mm	23Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V	4.8A	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG72-LS5050RGBWW-W24	385	82	17	RGB&2700±100
YG72-LS5050RGBWW-W24	432	82	19	RGB&3000±100
YG72-LS5050RGBNW-W24	504	84	21	RGB&4000±200
YG72-LS5050RGBW-W24	576	81	18	RGB&6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 84LEDs Flex Strip(RGBW 4 Chips in 1 LED)

Dimension & IP grade



- 26.8Watt/meter
- 672lm/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	84LED, 11.9mm LED pitch	6LED(24V)/3LED(12V)	71.4mm(24V)/35.7mm(12V)	26.8Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V/12V	5.6A(24V)/11.2A(12V)	-20°C~+50°C

Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG84-LS5050RGBWW-W24	478	83	21	RGB&2700±100
YG84-LS5050RGBWW-W24	504	82	19	RGB&3000±100
YG84-LS5050RGBNW-W24	588	83	22	RGB&4000±200
YG84-LS5050RGBW-W24	672	81	18	RGB&6000±300

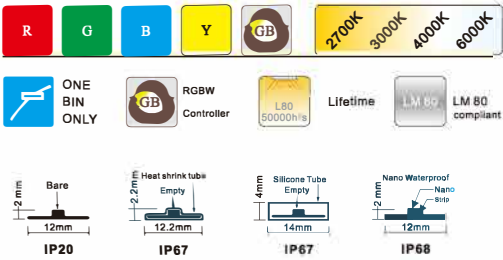
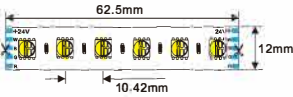
Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm .

5050SMD 96LEDs Single Line Flex Strip(RGBW 4 Chips in 1 LED)



Dimension & IP grade

Only 24V:



- 30.6Watt/meter
- 768lumen/meter(lm/m)
- One Bin Only: 3 MacAdam
- Ra/CRI>80

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	96LED, 10.42mm LED pitch	6LED	62.5mm	30.6Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
83lumen/Watt	120°	24V	6.4A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG96-LS5050RGBWW-W24	532	82	17	RGB&2700±100
YG96-LS5050RGBWW-W24	576	82	18	RGB&3000±100
YG96-LS5050RGBNW-W24	672	84	21	RGB&4000±200
YG96-LS5050RGBW-W24	768	82	18	RGB&6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm.

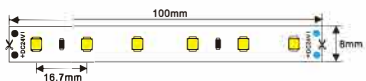
3030 Series >>>
(Brand LED)



3030SMD 60LEDs Flex Strip

Dimension & IP grade

Only 24V:



0/1~10V
PWM DALI



L80
50000hrs



LM 80
compliant



• 14.4Watt/meter

• 1800lumen/meter(lm/m)

• Ra/CRI>80

2800~3200K 5500~6500K

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	60LED, 16.7mm LED pitch	6LED	100mm	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
125lumen/Watt	120°	24V	3A	-20°C~+50°C

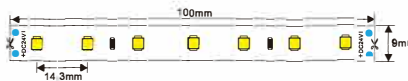
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-S3030WW-W24	1680	82	25	2800-3200
YG60-S3030W-W24	1800	85	29	5500-6500

Note: Above data is based on Ra/CRI>80.

3030SMD 70LEDs Flex Strip

Dimension & IP grade

Only 24V:



0/1~10V
PWM DALI



L80
50000hrs



LM 80
compliant



• 14.4Watt/meter

• 1960lumen/meter(lm/m)

• Ra/CRI>80

2800~3200K 5500~6500K

Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx9mmx1.2mm	70LED, 14.3mm LED pitch	7LED	100mm	14.4Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
136lumen/Watt	120°	24V	3A	-20°C~+50°C

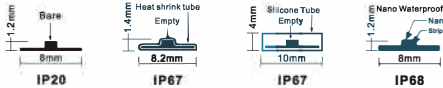
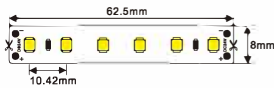
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG70-S3030WW-W24	1820	82	25	2800-3200
YG70-S3030W-W24	1960	85	29	5500-6500

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm

3030SMD 96LEDs Flex Strip

Dimension & IP grade

Only 24V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	96LED, 10.42mm LED pitch	6LED	62.5mm	20Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
136lumen/Watt	120°	24V	4.2A	-20°C~+50°C

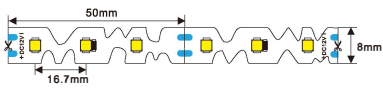
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG96-S3030WW-W24	2590	82	25	2800-3200
YG96-S3030W-W24	2720	85	29	5500-6500

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm.

2835SMD 60LEDs Flex Strip("S" Shape Bendable)

Dimension & IP grade

Only 12V:



Electrical & Optical data

Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx8mmx1.2mm	60LED, 16.7mm LED pitch	3LED(12V)	50mm(12V)	12Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
110lumen/Watt	120°	12V	5A(12V)	-20°C~+50°C

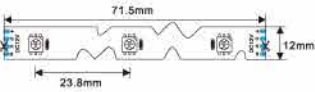
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG60-BS2835WW21-W12	1170	82	16	2100±100
YG60-BS2835WW24-W12	1198	82	17	2400±100
YG60-BS2835WW27-W12	1225	84	24	2700±100
YG60-BS2835WW30-W12	1260	85	28	3000±100
YG60-BS2835NW40-W12	1291	84	22	4000±200
YG60-BS2835DW60-W12	1320	82	21	6000±300

Note: Above data is based on Ra/CRI>80, R/G/B wave length is 620~625nm/520~525nm/465~470nm.

5050SMD 42LEDs RGB Flex Strip("S" Shape Bendable)

Dimension & IP grade

Only 12V:



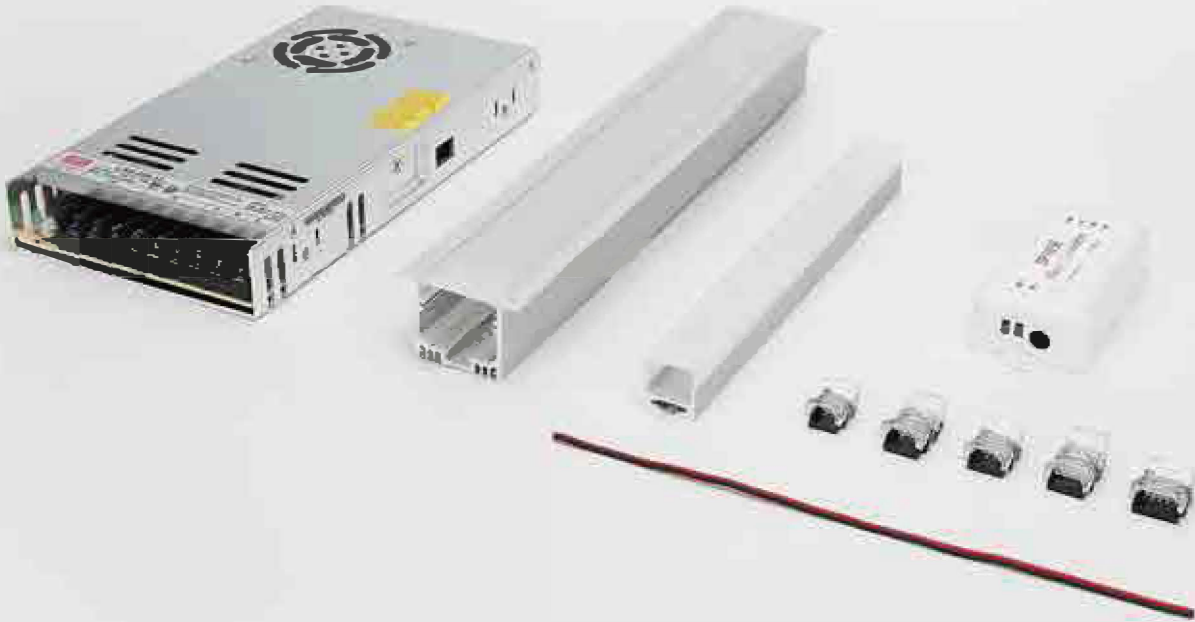
- 10Watt/meter
- RGB "S" shape bendable

Electrical & Optical data

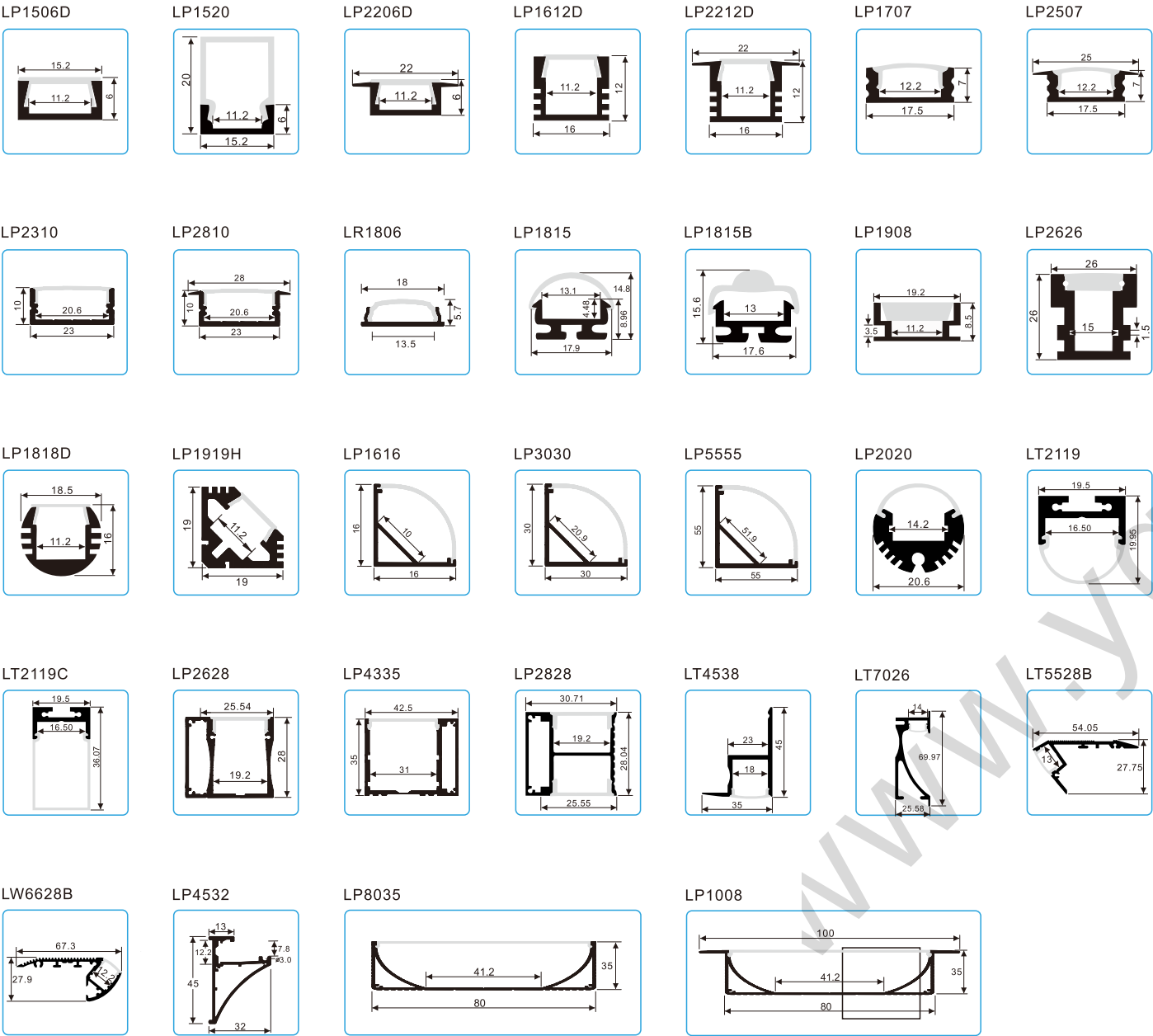
Dimension	LED quantity/meter	LED quantity/step	Step length	Power
5000mmx12mmx2mm	42LED,23.8mm LED pitch	3LED	71.5mm	10Watt/meter
Efficacy	View angle	Voltage(V)	Current(A)	Operation temperature
N/A	120°	12V	4.2A	-20°C~+50°C
Part NO.	Lumen/meter (lm/m)	Ra (CRI)	R9	Color temperature (K)
YG42-BS5050RGB-W12	N/A	N/A	N/A	N/A

Note: Above data is based on Ra/CRI>80,R/G/B wave length is 620~625nm/520~525nm/465~470nm.

LED Parts >>>



Eco profile section diagram



Meanwell series power supply



Dimmable series power supply



Economic series power supply



More items,
please visit our
website: www.LEDYI.com

LED CONTROLLER

SINGLE RT CONTROLLER(Used to control single color or 1 channel LED light.)



Model: LY-RF203
Voltage: DC5V~24V
Current: 16A
Power: 5V<80W, 12V<192W, 24V<384W
Size: 120x62x24mm

BI-COLOR RT CONTROLLER(Used to control bi-color or 2 channel LED light.)



Model: LY-RF202
Voltage: DC5V~24V
Current: 8A(each)x2channel
Power: 5V<80W, 12V<192W, 24V<384W
Size: 120x62x24mm

RGB RT CONTROLLER(Used to control 3 colors or 3 channel LED light.)



Model: LY-RF201
Voltage: DC5V~24V
Current: 8A(each)x3channel
Power: 5V<180W, 12V<288W, 24V<576W
Size: 120x62x24mm

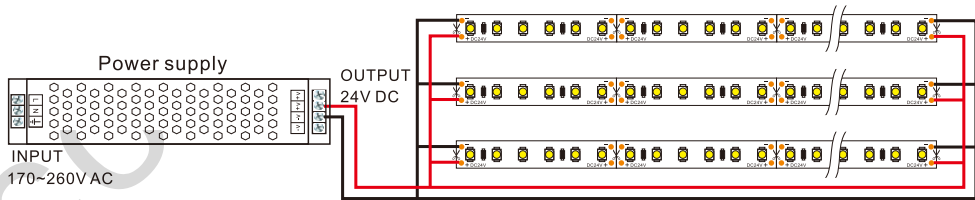
RGBW RF CONTROLLER(Used to control 4 colors or 2 channel LED light.)



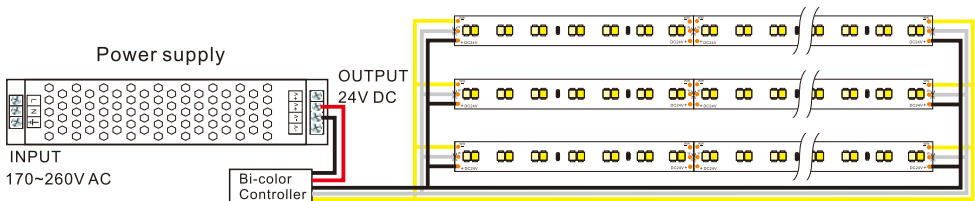
Model: LY-RF104
Voltage: DC12V~24V
Current: 4A(each)x4channel
Power: 12V<192W, 24V<384W
Size: 177x59x22mm

CONNECTION DIAGRAM

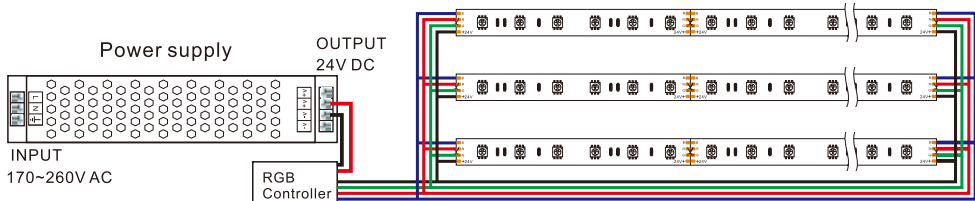
Single color strip(1 channel controller,SMD3528,180LEDs,24V,item NO.:YG180-S3528W-W24)



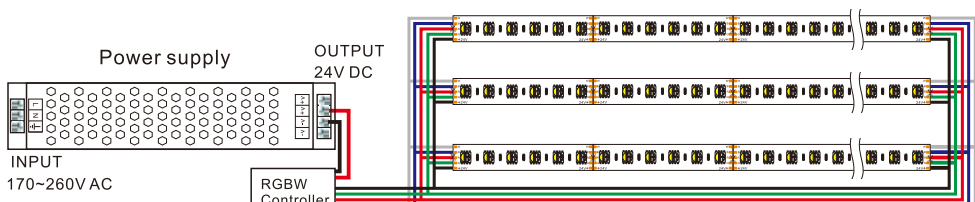
Bi-color strip(2 channel,SMD2835,112LEDs,24V,item NO.:YG112-S2835WWW-W24)



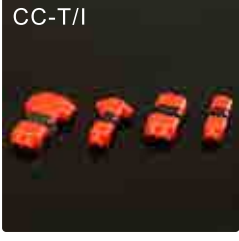
RGB-color strip(3 channel,SMD5050,60LEDs,24V,item NO.:YG60-S5050RGB-W24)



RGBW-color strip(4 channel,SMD5050 4 chip in 1 LED,96LEDs,24V,item NO.:YG96-LS5050RGBW-W24)



LED CONNECTOR



MEETING MEMO AND ORDERS

Meeting memo and orders section with horizontal lines for notes.

