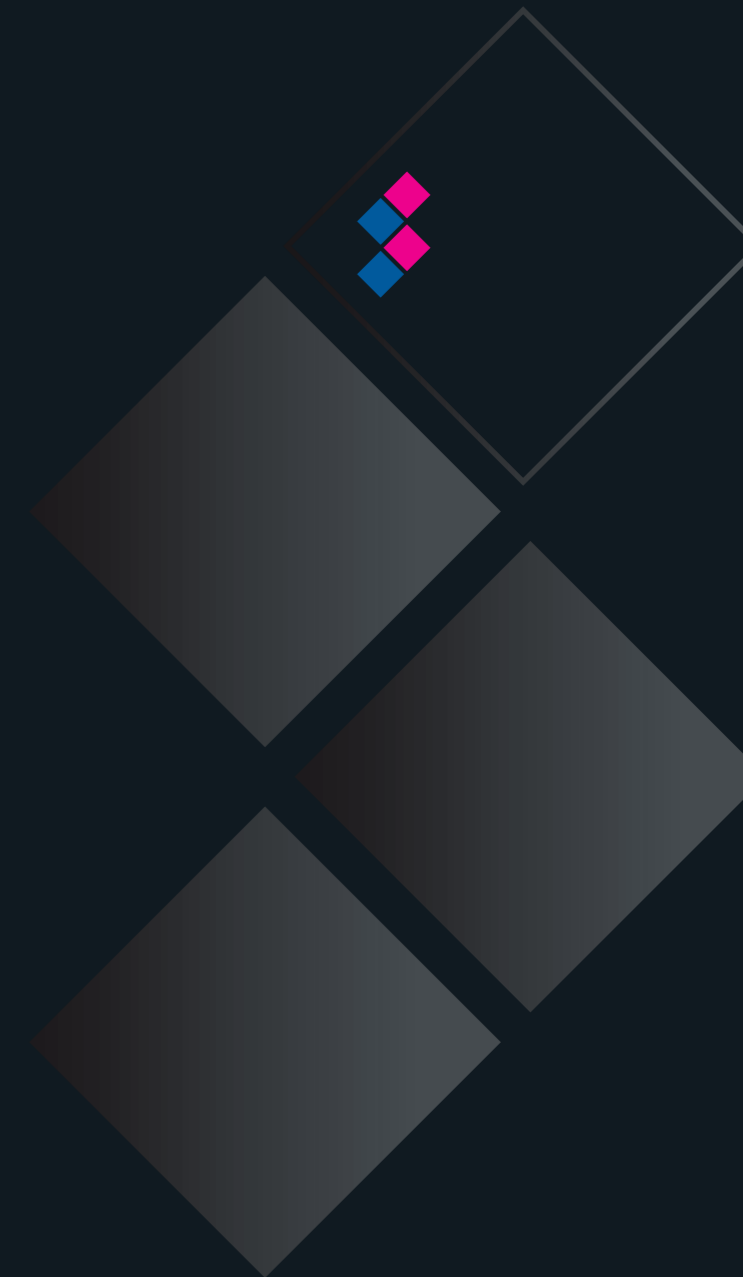


2023 - 2024

light and more



LED STRIPS EXPERT

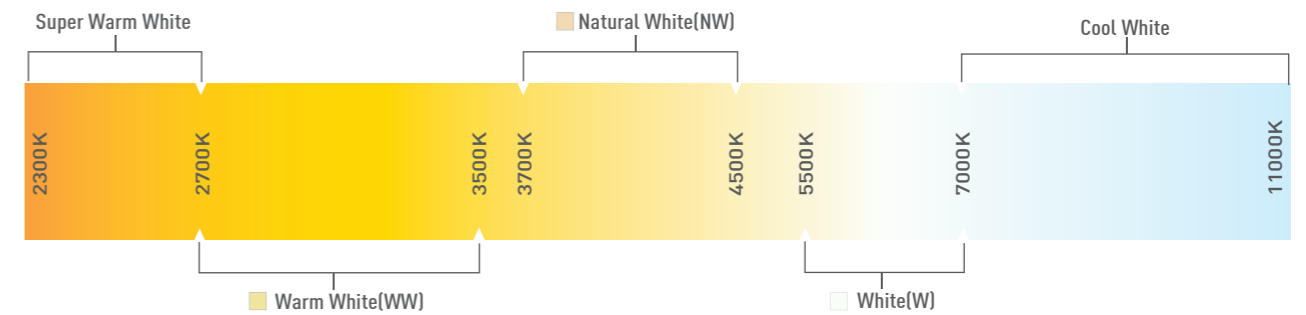
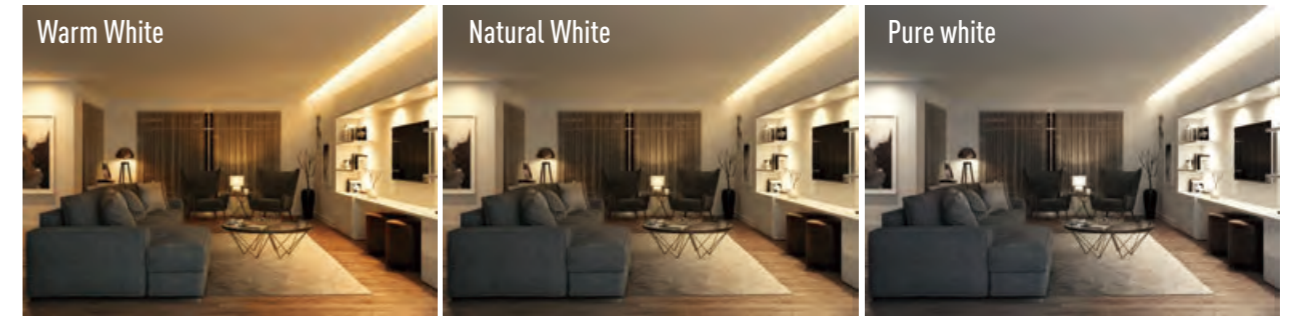
2023-2024

accutron ag
Batterien & LED Beleuchtung

IP Grade & Dimension

IP Grade	Description	Components	FPC Width: 8mm	FPC Width: 10mm
IP20	Non-waterproof	LED, PCB, 3M adhesive tape	8mm / 0.31"	10mm / 0.39"
IP64	Slim PU glue potted	PU glue, LED, PCB, 3M adhesive tape	2.8mm / 0.11"	2.8mm / 0.11"
IP65	Silicon sleeved	Silicon sleeve, LED, PCB	4mm / 0.16"	4mm / 0.16"
IP65	PU glue potted	PU glue, Half-pipe, LED, PCB	4.3mm / 0.17"	4.6mm / 0.18"
IP65	Silicon extrusion (No CCT Change)	Silicon extrusion, LED, PCB	5mm / 0.2"	6mm / 0.24"
IP68	Silicon extrusion (No CCT Change)	Silicon extrusion, LED, PCB	6mm / 0.24"	6mm / 0.24"

Color Temperature (CCT)

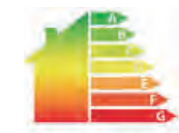
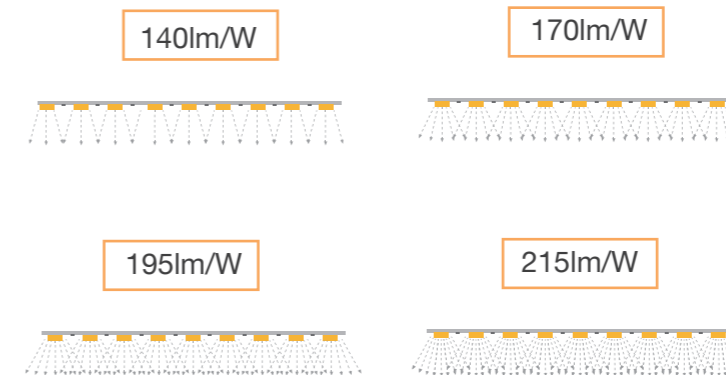


Color Temperature Deviation

LEDs Type	Color	IP20 Non-waterproof	IP65 Silicon sleeved	IP65 PU glue potted	IP64 Slim PU glue potted	IP65&IP68 Silicon extrusion
3528	WW	2910K	2870K	3500K	3520K	2890K
	NW	4450K	4230K	6340K	6300K	4260K
	W	6550K	6200K	17580K	16680K	6400K
5050	WW	3000K	2950K	3900K	3850K	2950K
	NW	4420K	4190K	6600K	6550K	4270K
	W	6470K	6350K	23690K	20600K	6370K
2835	WW	2930K	2890K	3970K	3930K	2920K
	NW	4220K	3950K	6370K	6350K	4110K
	W	6320K	5890K	21270K	22920K	6040K
3014	WW	2960K	2850K	3590K	3570K	2890K
	NW	4400K	4220K	6300K	6280K	4260K
	W	6420K	6320K	19770K	19780K	6320K
2216	WW	3050K	3000K	3850K	3950K	2900K
	NW	4200K	4100K	6400K	6500K	4050K
	W	6100K	6050K	11600K	11850K	6000K
2110	WW	3000K	2950K	3800K	3850K	2900K
	NW	4300K	4150K	6200K	6350K	4050K
	W	6350K	6100K	12250K	12750K	6000K

Luminous Efficacy

High efficiency constant voltage circuit design of Signcomplex LED Strip helps to realize the 90-215lm/W LED strip, achieving high lumen efficiency requirements.



Energy Saving



Cost Saving

Guideline Table

■ 2110 ■ 2216 ■ 3014 ■ 2835 ■ 3528 ■ 5050

Lumens

300-500lm/M 90-152lm/FT	SC-2835CC-60D SC-2835TM-XX SC-IB2-XX SC-DC-XX SC-DC-X24/48 SC-3528RH-XX SC-IS-XX-8mm SC-IS-XX-6mm SC-2835CC-70D SC-2216IB-XX
510-700lm/M 155-213lm/FT	SC-2216TM-12D SC-2835SD1 SC-EP2835-XX/95 SC-EP3528-XX/95 SC-EP5050-XX/95 SC-EPSC-5050IP-XX SC-2216-240D SC-B5-2835IG-30D SC-2835-YID2 SC-2216IB-XX SC-3014BS-XXD SC-2835CC-XXD SC-OLOC-30D SC-2835-06-HCH80
710-800lm/M 216-244lm/FT	SC-IG1-PX SC-IG1 SC-2835-GPX SC-IB2-X2 SC-SID-3014 SC-TM-XX2 SC-3014SD SC-IE SC-2835-YID2 SC-2835CC-XXD SC-3528-C SC-2216-01
810-1000lm/M 247-305lm/FT	SC-2216IB-XX SC-IE-PXX SC-3528RH-XX2 SC-B5-2835IG-64D SC-B5-2835IT-64D SC-2835-YID2 SC-2835-06-HCH80
1010-1300lm/M 308-396lm/FT	SC-2835HE-PX SC-2835SD2 SC-2835TM-XX2 SC-EP3528-X2/95 SC-B5-2835IG-60D SC-B5-2835IT-60D SC-OLOC-60D SC-B5-2835IT-128D SC-ST-2835-80D SC-2835CC-IC SC-2835-YID2 SC-2216IB-XX SC-3014BS-XXD SC-2835CC-XXD SC-2835-SXX SC-2216-01
1310-1500lm/M 400-475lm/FT	SC-2216TM-24D SC-EP2835-X2/95 SC-IG2 SC-2835IM-125D-12V SC-IE2 SC-EP5050-XX2/95 SC-5050IP-X2 SC-B5-2835IG SC-B5-2835IT-120D SC-2835CC-XXD SC-2835-YID2 SC-OLOC-80D SC-2216-240D SC-2835-SXX
1510-1700lm/M 460-518lm/FT	SC-2216IB-XX SC-2216TM-28D SC-IG2-PX SC-2835-GPX2 SC-IE2-PX SC-3014SD2 SC-B5-2835IT-240D SC-ST-2835-XXD SC-OLOC-100D SC-2835-Ppass
1710-1900lm/M 521-579lm/FT	SC-2216TM-30D SC-2110-32D SC-2216IB-XX SC-OLOC-120D
1910-2100lm/M 582-640lm/FT	SC-2835HE-PXX2 SC-2110-40D SC-B5-2835HE-64D SC-B5-2835IT-240D SC-ST-2835-XW-XXD SC-2216IB-280D SC-3014BS-XXD
2110-2300lm/M 643-701lm/FT	SC-2835TM-XX3 SC-3014SD3 SC-IE3 SC-ST-2835-14W-128D SC-2216IB-300D
2310-2500lm/M 704-762lm/FT	SC-2835SD3 SC-IE3-PX
2510-2700lm/M 765-823lm/FT	SC-EP2835-X3/95 SC-2110-64D SC-3014BS-XXD
2710-2900lm/M 826-884lm/FT	SC-IG3-PX SC-IG3 SC-2835-GPX3 SC-2110-912 SC-ST-2835-18W-160D
3110-4100lm/M 948-1258lm/FT	SC-ST-2835-20W-240D SC-ST-2835-25W-240D
5310-5700lm/M 1618-1737lm/FT	SC-ST-2835-256D
6310-6700lm/M 1923-2042lm/FT	SC-ST-2835-288D

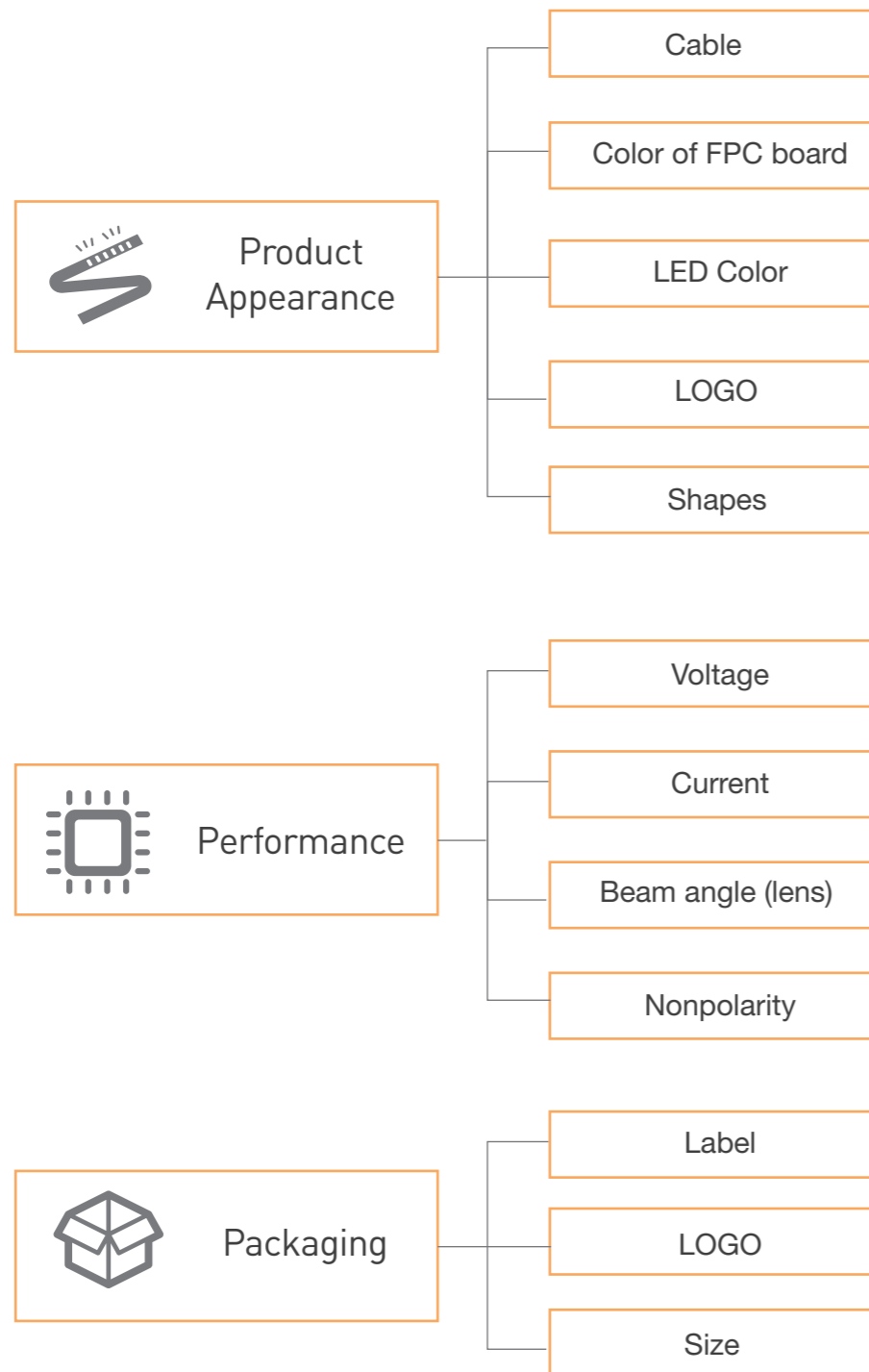
Power

4.0W/M 1.22W/FT	SC-2835CC-70D
4.3W/M 1.31W/FT	SC-5050RGBIC-30D
4.8W/M 1.46W/FT	SC-EP3528-XX/95 SC-IB2-XX SC-DC-XX SSC-3528RH-XX SC-IS-XX-8mm SC-SID-3014
5.0W/M 1.52W/FT	SC-2835CC
5.8W/M 1.77W/FT	SC-2835HE-PX SC-IG1-PXX SC-IE-PXX SC-2835-GPX SC-IS-XX-6mm SC-3014BS-64D
6.0W/M 1.83W/FT	SC-5050RGBIC-30D SC-OLOC-30D
7.0W/M 2.13W/FT	SC-2835CC-126D

Power

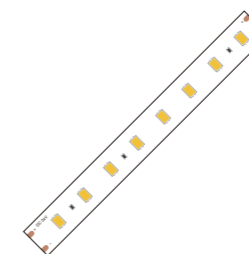
7.2W/M 2.19W/FT	SC-2835SD1 SC-2835TM-XX SC-EP2835-XX/95 SC-IG1 SC-3014SD SC-IE SC-EP5050-XX/95 SC-EPSC-5050IP-XX SC-B5-2835IG-64D SC-B5-2835IT SC-2835RGB-30D SC-SF-5050IP-RGB SC-3014BS-60D SC-2216-120D
7.7W/M 2.35W/FT	SC-2216IB-XX SC-2835CC-120D
8.0W/M 2.44W/FT	SC-ST-2835-60D SC-2835CC-120D SC-2216DTW SC-2216-01
8.6W/M 2.62W/FT	SC-5050RGBIC-60D
9.0W/M 2.74W/FT	SC-B5-2835IT-128D SC-B5-2835IG-128D SC-ML-0301-DTW
9.6W/M 2.9W/FT	SC-2216IB-XX SC-IE2-PX SC-EP3528-X2/95 SC-IB2-X2 SC-3528RH-XX2 SC-3528-C
10.0W/M 3.05W/FT	SC-ST-2835-XXD SC-2835CC-XXD SC-OLOC-60D SC-2835-06-HCH80-60D
11.0W/M 3.35W/FT	SC-B5-2835IT-240D SC-2835CC-IC SC-2835DTW-140D
11.5W/M 3.50W/FT	SC-2835HE-PXX2 SC-IG2-PX SC-2835-GPX2
12.0W/M 3.66W/FT	SC-ST-2835-XXD SC-5050RGBIC-60D SC-OLOC-80D SC-2835-Ppass SC-2835-06-HCH80-120D SC-2216-01
12.5W/M 3.81W/FT	SC-2216IB-XX
13.0W/M 3.96W/FT	SC-5050RGBIC-90D
14.0W/M 4.27W/FT	SC-ST-2835-128D SC-OLOC-10D SC-2835DTW-168D
14.4W/M 4.39W/FT	SC-2835SD2 SC-2835TM-XX2 SC-EP2835-X2/95 SC-IG2 SC-3014SD2 SC-IE2 SC-EP5050-XX2/95 SC-2835-SXX SC-5050IP-X2 SC-2835IM-125D-12V SC-2835IM-120D-24V SC-B5-2835IG-60D SC-B5-2835IT SC-2835RGB SC-SF-5050IP-RGB SC-2216IB-XX SC-3014BS-120D SC-2835-06-HCH80-96D SC-2216-240D
16.0W/M 4.88W/FT	SC-OLOC-120D SC-2835DTW-240D
17.0W/M 5.18W/FT	SC-5050RGBIC-84D
17.2W/M 5.24W/FT	SC-IE3-PX
18.0W/M 5.49W/FT	SC-ST-2835-160D
19.2W/M 5.24W/FT	SC-2216IB-XX2 SC-2216TM-28D SC-2110-32D SC-2110-40D SC-B5-2835IT-240D SC-2216IB-180D SC-3014BS-XXD
20.0W/M 6.10W/FT	SC-ST-2835-240D SC-5050RGBW-60D
21.6W/M 6.58W/FT	SC-2835HE-PXX3 SC-IG3-PX SC-2835-GPX3
23.0W/M 7.01W/FT	SC-B5-2835HE-128D
24.0W/M 7.32W/FT	SC-2110-64D SC-2216TM-30D
24.5W/M 7.32W/FT	SC-3014SD3 SC-IE3
25.0W/M 7.62W/FT	SC-ST-2835-240D
28.8W/M 8.78W/FT	SC-2110-912 SC-2835SD3 SC-2835TM-XX3 SC-EP2835-XX3/95 SC-IG3
30.0W/M 9.14W/FT	SC-ST-2835-256D
35.0W/M 10.67W/FT	SC-ST-2835-288D

Customized Solutions



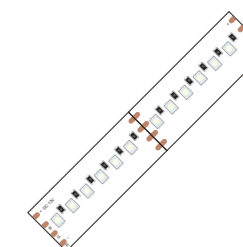
LIGHT
AND
SMART

Contents



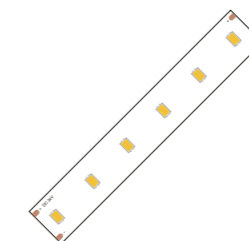
2835 Strip

170LM/W (HE Series)		P03
150LM/W (PX Series)		P05
140LM/W Series		P07
SDCM<3 Series		P09
Full Spectrum Series		P11
CRI 90/95 Series		P13
Classic Series (IG&IP Series)		P15
Economic Series		P19
DC48V Constant Current Series		P27
High Efficiency Series		P29
DC24V Constant Current Series		P33
NEW Ppass Series		P35



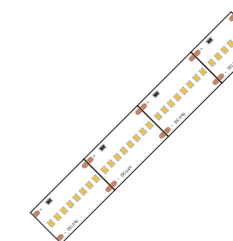
RGB & Hybrid Strip

4040 RGB Series		P39
5050 RGB Series		P41
2835 RGB Series		P43
4713 RGB Series		P45
5-in-1 Series		P47
4-in-1 Series		P49
2835-YID2 Series		P51
TW Series		P53
Built-in IC Series		P55
External IC Series (SMD5050)		P57
NEW External IC Series (SMD2835)		P59
NEW RGBW Series		P61
NEW RGBTW Series		P63



Built-in IC Strip

Built-in IC Series		P67
--------------------	--	-----

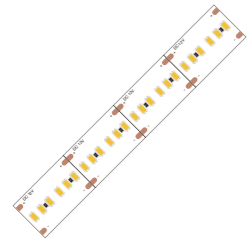


2110 Strip

Hybrid Series		P73
Classic Series		P75



Contents



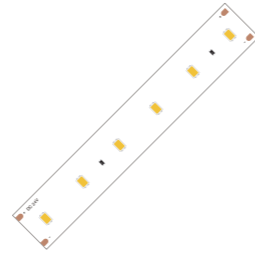
2216 Strip

- Full Spectrum Series | P79
- Classic Series | P81
- NEW** Constant Current | P89



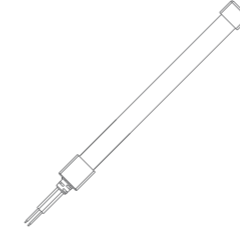
3014 Strip

- 140LM/W (PX Series) | P93
- SDCM<3 (SD Series) | P95
- Classic Series (IE Series) | P97
- BS Series | P99



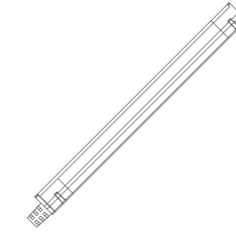
3528 Strip

- Full Spectrum (CRI>97) | P105
- CRI90/95 (EP Series) | P107
- Classic Series (IP Series) | P109
- Constant Current Series | P111



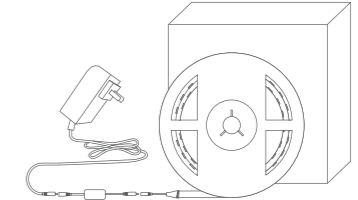
Neon Flex

- NEW** Applications | P163
- NEW** Index Neon Flex | P171
- 4mm Silicon Series | P177
- 6mm Silicon Series | P179
- 8mm PVC/Silicon Series | P181
- 12mm PVC/Silicon Series | P185
- 15mm Silicon Series | P187
- 0410 Series | P189
- 0615 Series | P191
- 0818 Series | P193
- NEW** 1515 Series | P195
- 360° Lighting Series | P197
- NEW** Flexible Wall Washer Series | P199
- NEW** Mosquito-Repelling Series | P203
- NEW** Smooth Line Series | P207



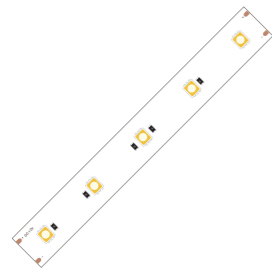
Rigid Strip

- Seamless Series | P213
- IP65 Gapless Lightbar Series | P215
- NEW** ARK8 Plus Series | P217
- NEW** ARK9 Plus Series | P219
- NEW** M1619 Series | P221
- NEW** Ultra-narrow Series | P223



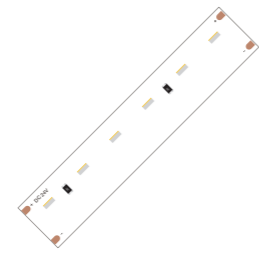
Strip Kits

- Car LED Strip Light | P249
- LED Plant Grow Light Kit | P251
- SC-RGB-TY | P253
- NEW** Dual-CCT Strip Kit | P255
- SC-2835ST | P257
- SC-5050ST-RGB-02 | P259
- SC-5050ST-RGB-03 | P261
- SC-0410-RGB-24 | P263
- SC-1212 | P265
- NEW** Magic RGB Kits | P267
- NEW** AR Color Pickup | P269
- NEW** TV Backlight Kits V2 | P271
- TV Backlight Kits V1 | P273
- NEW** Smart Light Bars | P275
- SC-RGBTW | P277
- NEW** SC-5050-RGBTW | P279
- SC-5050RGBICD | P281



5050 Strip

- CRI90/95 (EP Series) | P115
- Classic Series (IP Series) | P117



Special Strip

- Mini Cutting Series | P121
- OLOC Series (SMD3528) | P123
- NEW** OLOC Series (SMD2216) | P125
- ENIG PCB Series | P127
- S-type Series (SMD3528) | P129
- NEW** S-type Series (SMD2835) | P131
- Side-view Series | P133
- Super Slim Series | P135
- Adjustable Series | P137
- NEW** Stepless Dimming Series | P139
- NEW** Sign Backlight Series | P141
- NEW** 48V RGBW Magic Series | P143



COB Strip

- Chip-on-FPC Series | P147
- RGB Series | P153
- RGB Magic Series | P155
- RGBW/RGBCW Series | P157
- NEW** Side-emitting Series | P159



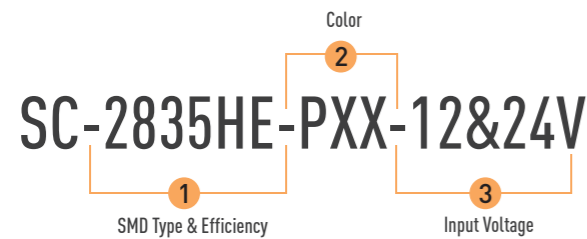
2835 LED STRIP

170LM/W Series	P03-04
150LM/W Series	P05-06
140LM/W Series	P07-08
SDCM<3 Series	P09-10
Full Spectrum Series	P11-12
CRI 90/95 Series	P13-14
IP/IG Classic Series	P15-18
Economic Series	P19-26
DC48V Constant Current Series	P27-28
High Efficiency Series	P29-32
DC24V Constant Current Series	P33-34
Ppass Series	P35-36

170LM/W Series



Available colors

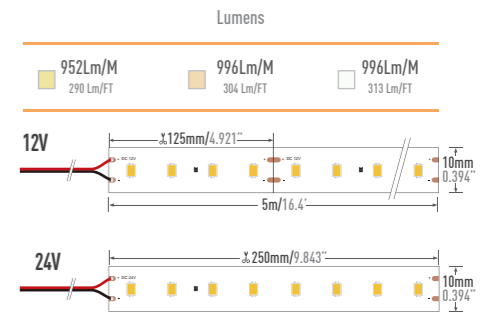


- 170lm/w high efficiency strip
- Cut 4pcs LEDs for 12V DC, cut 8pcs LEDs for 24V DC
- Double layer pure copper 2oz PCB
- 3M VHB adhesive tape for easy installation (2835HE-PX3 with 3M 300LSE tape)
- High brightness 2835 type LED; 120 degree
- Standard 5M on reel for 2835HE-PX and HE-PX2, 3M on reel for 2835HE-PX3
2835HE-PX3 series should work with aluminium profile



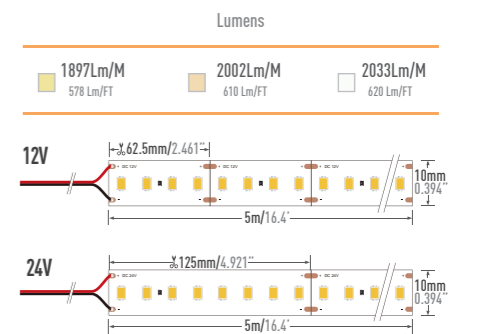
32 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835HE-PXX SC-2835HE-PXX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ² 0.04" 10mm/0.39"
SC-2835HED-PXX SC-2835HED-PXX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm ² 0.11" 10mm/0.39"
SC-2835HEP-PXX SC-2835HEP-PXX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm ² 0.18" 12.5mm/0.49"
SC-2835HES-PXX SC-2835HES-PXX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm ² 0.16" 12.5mm/0.49"
SC-SF-2835HE-PXX SC-SF-2835HE-PXX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm ² 0.26" 14mm/0.55"



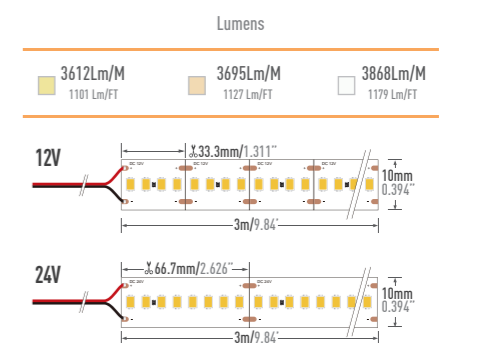
64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835HE-PXX2 SC-2835HE-PXX2	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ² 0.04" 10mm/0.39"
SC-2835HED-PXX2 SC-2835HED-PXX2	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm ² 0.11" 10mm/0.39"
SC-2835HEP-PXX2 SC-2835HEP-PXX2	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm ² 0.18" 12.5mm/0.49"
SC-2835HES-PXX2 SC-2835HES-PXX2	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm ² 0.16" 12.5mm/0.49"
SC-SF-2835HE-PXX2 SC-SF-2835HE-PXX2	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm ² 0.26" 14mm/0.55"



120 LEDs /M

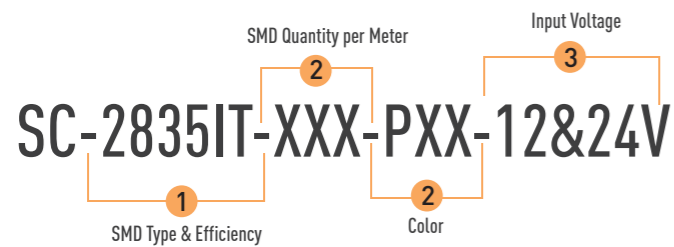
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835HE-PXX3 SC-2835HE-PXX3	21.6W/M 6.6 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ² 0.04" 10mm/0.39"
SC-2835HED-PXX3 SC-2835HED-PXX3	21.6W/M 6.6 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm ² 0.11" 10mm/0.39"



150LM/W Series



Available colors

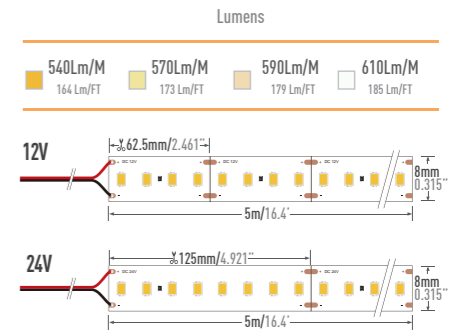


- High efficiency up to 150LM/W
- CRI80 or CRI90 available
- High color consistency, same color tone
- Price competitive
- Cutable to meet different length
- Different watt for demand
- Different IP rate for choice
- CE, RoHS, 5 years warranty



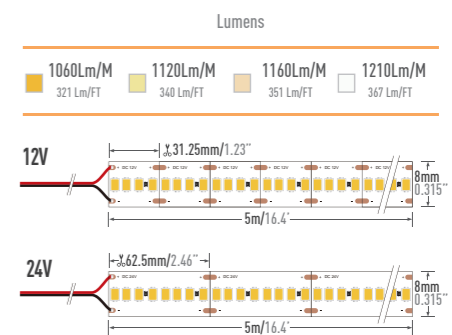
64 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835IT-64 SC-2835IT-64	3.8W/M 1.15 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ² 0.04" 8mm/0.31"
SC-2835ITD-64 SC-2835ITD-64	3.8W/M 1.15 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm ² 0.11" 8mm/0.31"
SC-2835ITP-64 SC-2835ITP-64	3.8W/M 1.15 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm ² 0.16" 10mm/0.39"
SC-2835ITS-64 SC-2835ITS-64	3.8W/M 1.15 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm ² 0.15" 11mm/0.43"
SC-SF-2835IT-64 SC-SF-2835IT-64	3.8W/M 1.15 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm ² 0.23" 12mm/0.47"



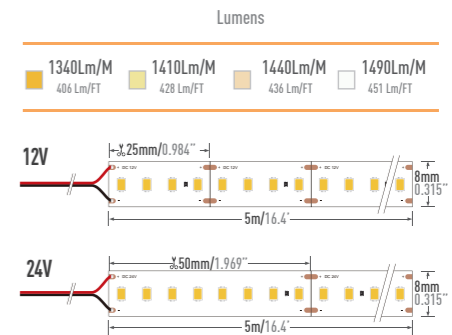
128 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835IT-128 SC-2835IT-128	7.7W/M 2.3 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ² 0.04" 8mm/0.31"
SC-2835ITD-128 SC-2835ITD-128	7.7W/M 2.3 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm ² 0.11" 8mm/0.31"
SC-2835ITP-128 SC-2835ITP-128	7.7W/M 2.3 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm ² 0.16" 10mm/0.39"
SC-2835ITS-128 SC-2835ITS-128	7.7W/M 2.3 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm ² 0.15" 11mm/0.43"
SC-SF-2835IT-128 SC-SF-2835IT-128	7.7W/M 2.3 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm ² 0.23" 12mm/0.47"



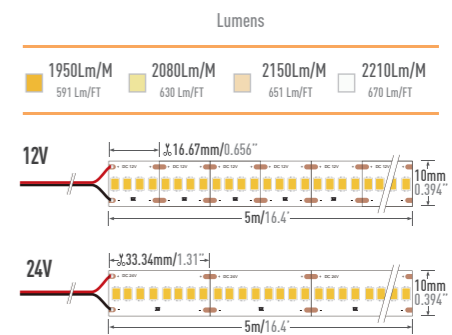
160 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835IT-160 SC-2835IT-160	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ² 0.04" 8mm/0.31"
SC-2835ITD-160 SC-2835ITD-160	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm ² 0.11" 8mm/0.31"
SC-2835ITP-160 SC-2835ITP-160	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm ² 0.16" 10mm/0.39"
SC-2835ITS-160 SC-2835ITS-160	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm ² 0.15" 11mm/0.43"
SC-SF-2835IT-160 SC-SF-2835IT-160	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm ² 0.23" 12mm/0.47"



240 LEDs/M

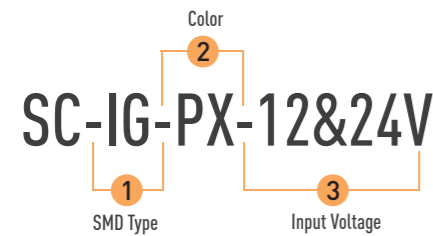
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835IT-240 SC-2835IT-240	14.4W/M 4.36 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ² 0.04" 10mm/0.39"
SC-2835ITD-240 SC-2835ITD-240	14.4W/M 4.36 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm ² 0.11" 10mm/0.39"
SC-2835ITP-240 SC-2835ITP-240	14.4W/M 4.36 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm ² 0.18" 12.5mm/0.49"
SC-2835ITS-240 SC-2835ITS-240	14.4W/M 4.36 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm ² 0.15" 12.5mm/0.49"
SC-SF-2835IT-240 SC-SF-2835IT-240	14.4W/M 4.36 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm ² 0.26" 14mm/0.55"



140LM/W Series



Available colors

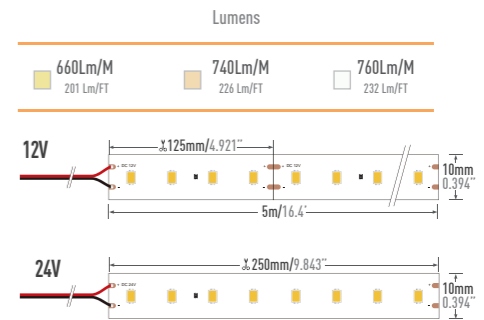


- 140lm/w high efficiency strip
- Cut 4pcs LEDs for 12V DC, cut 8pcs LED s for 24V DV
- Double layer pure cooper 2oz PCB
- 3M VHB adhesive tape for easy installation (IG3 with 3M 300LSE tape)
- High brightness 2835 type LED, 120 degree
- Standard 5M on reel for IG and IG2, 3M on reel for IG3
- IG3 series should work with aluminium profile



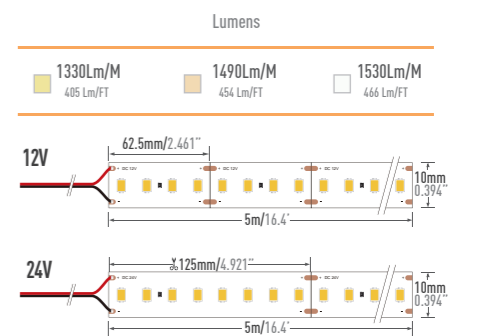
32 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Dimensions
SC-IG1-PX SC-IG1-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 10mm/0.39"
SC-IG10-PX SC-IG10-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"
SC-IG1P-PX SC-IG1P-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-IG1S-PX SC-IG1S-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.16" 12.5mm/0.49"
SC-SF-IG1-PX SC-SF-IG1-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm 0.26" 14mm/0.55"



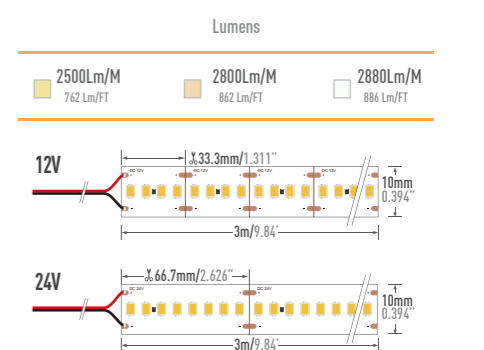
64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Dimensions
SC-IG2-PX SC-IG2-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 10mm/0.39"
SC-IG20-PX SC-IG20-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"
SC-IG2P-PX SC-IG2P-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-IG2S-PX SC-IG2S-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.16" 12.5mm/0.49"
SC-SF-IG2-PX SC-SF-IG2-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm 0.26" 14mm/0.55"



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Dimensions
SC-IG3-PX SC-IG3-PX	21.6W/M 6.6 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 10mm/0.39"
SC-IG30-PX SC-IG30-PX	21.6W/M 6.6 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"



SDCM<3 Series



Available colors



Color
2
SC-2835SD-XX-12&24V
1
3
SMD Type & SDCM<3
Input Voltage

- 2835 assembled LEDs
- SDCM<3
- Real 3 step color: comply with ErP standard
- Can be cut to meet requirements of different length



IP20
Non-waterproof



IP64
Slim PU glue potted



IP65
Silicon sleeved/PU glue potted

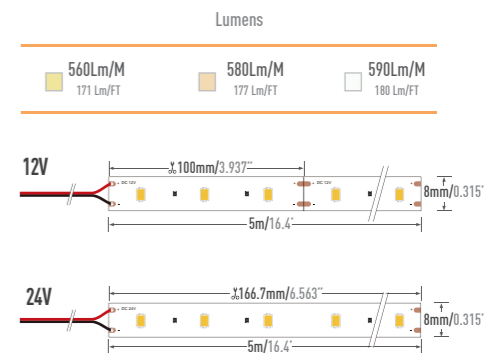


IP68
Silicon extrusion and glued



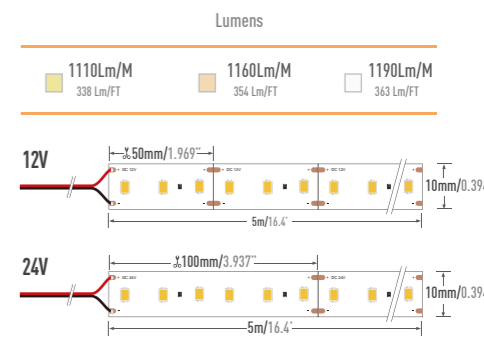
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835SD1 SC-2835SD1	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ⁺ 0.04" 8mm/0.31"
SC-2835SD1D SC-2835SD1D	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 8mm/0.31"
SC-2835SD1P SC-2835SD1P	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm 0.16" 10mm/0.39"
SC-2835SD1S SC-2835SD1S	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 11mm/0.43"
SC-SF-2835SD1 SC-SF-2835SD1	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm 0.23" 12mm/0.47"



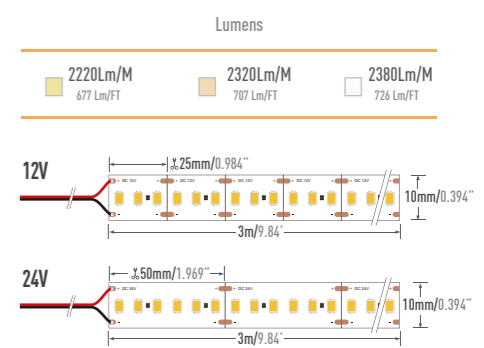
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835SD2 SC-2835SD2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ⁺ 0.04" 10mm/0.39"
SC-2835SD2D SC-2835SD2D	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"
SC-2835SD2P SC-2835SD2P	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-2835SD2S SC-2835SD2S	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 12.5mm/0.49"
SC-SF-2835SD2 SC-SF-2835SD2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm 0.25" 14mm/0.55"



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835SD3 SC-2835SD3	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm ⁺ 0.04" 10mm/0.39"
SC-2835SD3D SC-2835SD3D	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"



Full Spectrum Series



Available colors
■ WW ■ NW ■ W

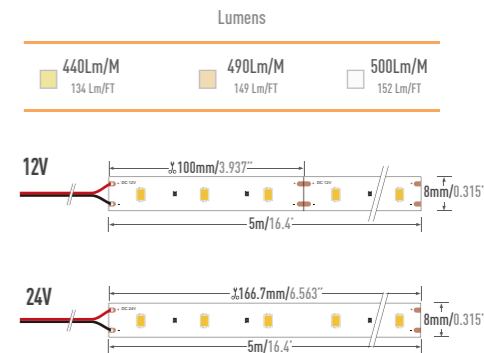
Color **2**
SC-2835TM-XXX-12&24V
 SMD Type-Full Spectrum **1** Input Voltage **3**

- Full spectrum
- 2835 assembled LEDs
- CRI97 complying with TM-30-15 standards
- Rg greater than 100 with high saturation
- Rf close to 100, degree of reduction of products
- Shear connection is used to meet demands of different lengths



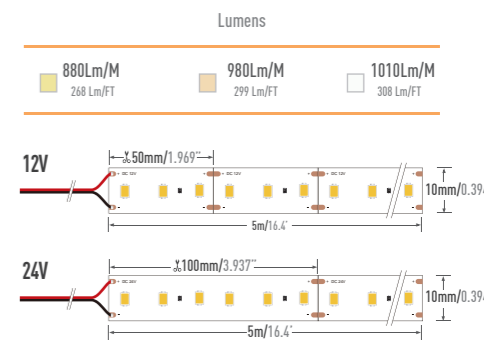
30 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835TM-XX SC-2835TM-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	1.1mm 0.04"
SC-2835TMD-XX SC-2835TMD-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	97 97	64 64	2.8mm 0.11"
SC-2835TMP-XX SC-2835TMP-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4.3mm 0.18"
SC-2835TMS-XX SC-2835TMS-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4mm 0.15"
SC-SF-2835TM-XX SC-SF-2835TM-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	97 97	68 68	6.3mm 0.23"



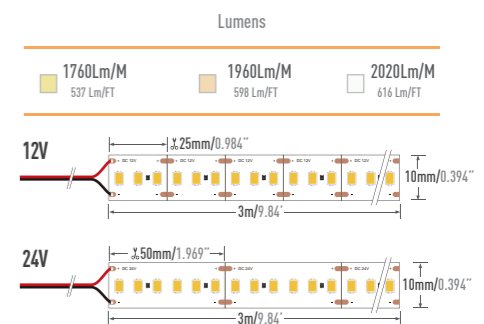
60 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835TM-XX2 SC-2835TM-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	1.1mm 0.04"
SC-2835TMD-XX2 SC-2835TMD-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	97 97	64 64	2.8mm 0.11"
SC-2835TMP-XX2 SC-2835TMP-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4.6mm 0.18"
SC-2835TMS-XX2 SC-2835TMS-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4mm 0.15"
SC-SF-2835TM-XX2 SC-SF-2835TM-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	97 97	68 68	6.5mm 0.26"



120 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835TM-XX3 SC-2835TM-XX3	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	1.1mm 0.04"
SC-2835TMD-XX3 SC-2835TMD-XX3	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	97 97	64 64	2.8mm 0.11"



CRI 90/95 Series



Available colors



- 2835 assembled LEDs
- High CRI, 90 or 95
- Can be cut short, to meet different length requirement
- Epistar chips, big chips with high output
- Standard 5M on reel



30 LEDs /M

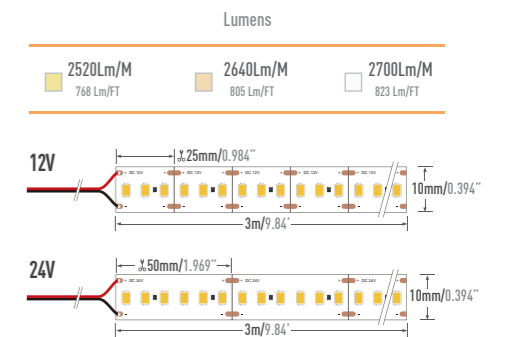
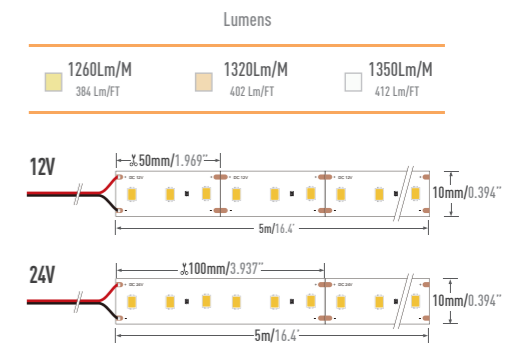
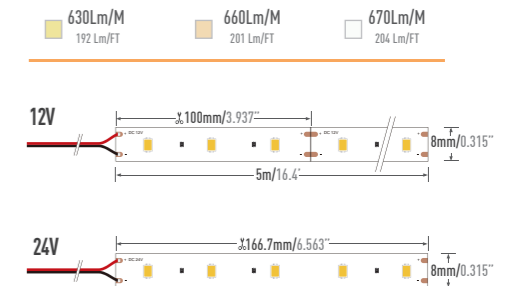
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-EP2835-XX/95 SC-EP2835-XX/95	7.2W/M 2.20 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	20 20	1.1mm 0.04" 8mm/0.31"
SC-EPD2835-XX/95 SC-EPD2835-XX/95	7.2W/M 2.20 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	64 64	2.8mm 0.11" 8mm/0.31"
SC-EPP2835-XX/95 SC-EPP2835-XX/95	7.2W/M 2.20 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4.3mm 0.18" 10mm/0.39"
SC-EPS2835-XX/95 SC-EPS2835-XX/95	7.2W/M 2.20 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4mm 0.15" 11mm/0.43"
SC-SF-EP2835-XX/95 SC-SF-EP2835-XX/95	7.2W/M 2.20 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	68 68	6mm 0.23" 12mm/0.47"

60LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-EP2835-XX2/95 SC-EP2835-XX2/95	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	20 20	1.1mm 0.04" 10mm/0.39"
SC-EPD2835-XX2/95 SC-EPD2835-XX2/95	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	64 64	2.8mm 0.11" 10mm/0.39"
SC-EPP2835-XX2/95 SC-EPP2835-XX2/95	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-EPS2835-XX2/95 SC-EPS2835-XX2/95	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4mm 0.16" 12.5mm/0.49"
SC-SF-EP2835-XX2/95 SC-SF-EP2835-XX2/95	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	68 68	6.5mm 0.26" 14mm/0.55"

120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-EP2835-XX3/95 SC-EP2835-XX3/95	28.8W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	20 20	1.1mm 0.04" 10mm/0.39"
SC-EPD2835-XX3/95 SC-EPD2835-XX3	28.8W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	64 64	2.8mm 0.11" 10mm/0.39"



IP Classic Series



Available colors



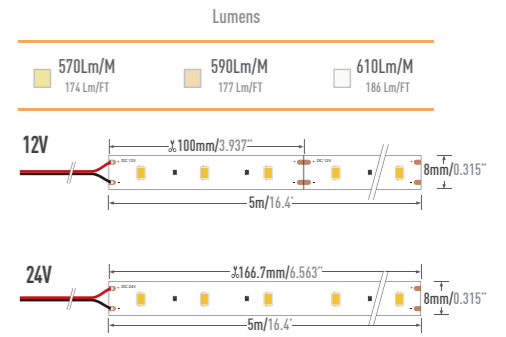
Color
SC-2835IP-XX-12&24V
 1 SMD Type 2 3 Input Voltage

- 2835 assembled LEDs
- CRI80
- Can be cut to meet requirements of different length



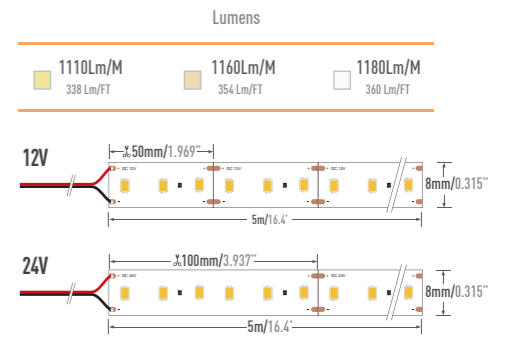
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835IP1 SC-2835IP1	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 8mm/0.31"
SC-2835IP1D SC-2835IP1D	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 8mm/0.31"
SC-2835IP1P SC-2835IP1P	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm 0.18" 10mm/0.39"
SC-2835IP1S SC-2835IP1S	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 11mm/0.43"
SC-SF-2835IP1 SC-SF-2835IP1	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm 0.23" 12mm/0.47"



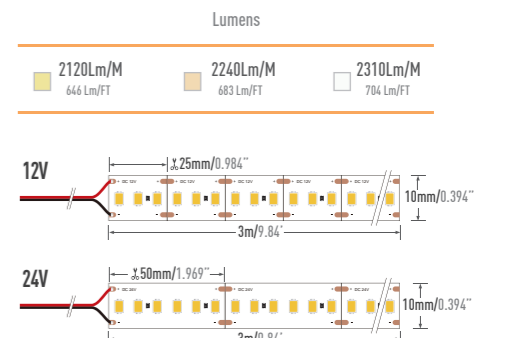
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835IP2 SC-2835IP2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 8mm/0.31"
SC-2835IP2D SC-2835IP2D	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 8mm/0.31"
SC-2835IP2P SC-2835IP2P	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm 0.18" 10mm/0.39"
SC-2835IP2S SC-2835IP2S	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 11mm/0.43"
SC-SF-2835IP2 SC-SF-2835IP2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm 0.23" 12mm/0.47"



120 LEDs /M

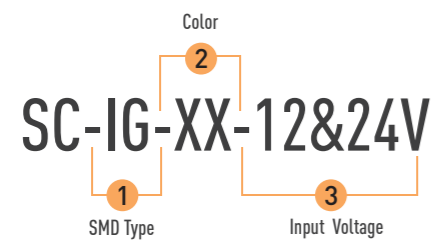
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835IP3 SC-2835IP3	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 10mm/0.39"
SC-2835IP3D SC-2835IP3D	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"



IG Classic Series



Available colors

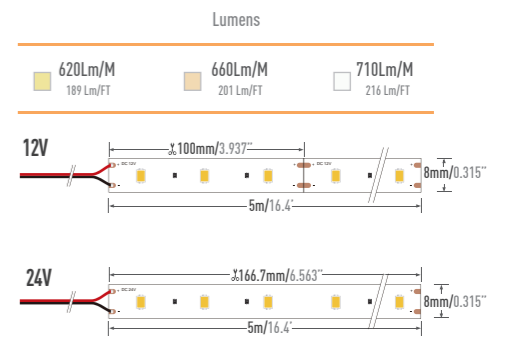


- High efficiency and luminous strip
- Double layer pure copper 3oz PCB
- 3M VHB adhesive tape for easy installation (IG3 with 3M 300LSE tape) high brightness 2835 type LED; 120 degree
- Standard 5M on reel for IG and IG2, 3M on reel for IG3
- IG3 series should work with aluminium profile



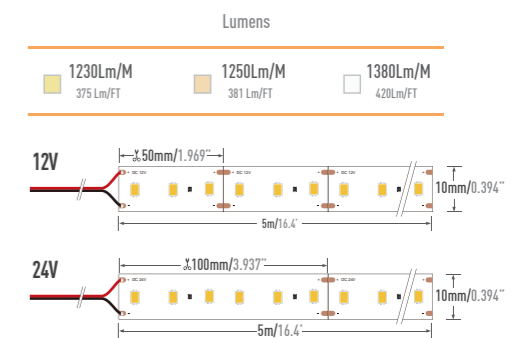
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Dimensions
SC-IG1 SC-IG1	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 8mm/0.31"
SC-IG1D SC-IG1D	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 8mm/0.31"
SC-IG1P SC-IG1P	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm 0.18" 10mm/0.39"
SC-IG1S SC-IG1S	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 11mm/0.43"
SC-SF-IG1 SC-SF-IG1	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm 0.23" 12mm/0.47"



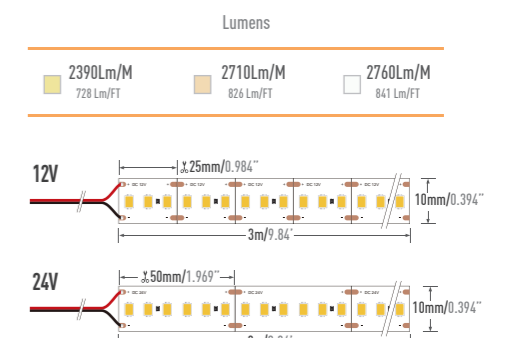
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Dimensions
SC-IG2 SC-IG2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 10mm/0.39"
SC-IG2D SC-IG2D	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"
SC-IG2P SC-IG2P	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-IG2S SC-IG2S	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 12.5mm/0.49"
SC-SF-IG2 SC-SF-IG2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm 0.26" 14mm/0.55"



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Dimensions
SC-IG3 SC-IG3	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" 10mm/0.39"
SC-IG3D SC-IG3D	28.8W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

HE Economic Series



Available colors



SC-BS-2835HE-XX-XXD-12V&24V

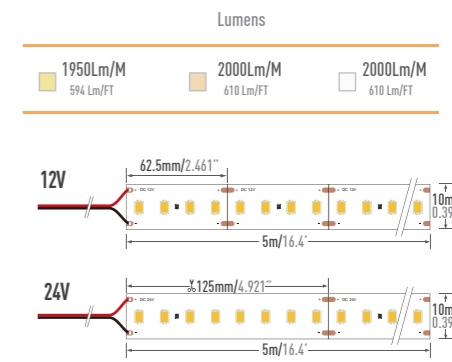
1 Series Name 2 SMD Type 3 Color 4 SMD Quantity per Meter 5 Input Voltage

- Highly cost-effective, widely used
- Multiple CCT and CRI optional, suitable for customization
- Diversity of cutting lengths, can meet different needs



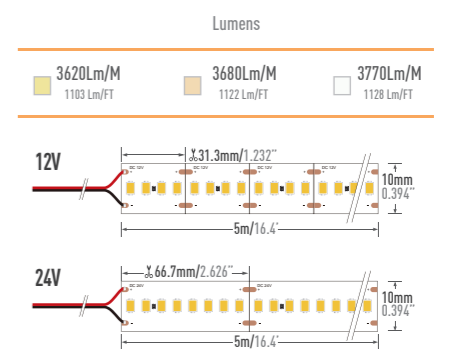
64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835HE SC-BS-2835HE	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835HE SC-BS-2835HE	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"



128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835HE SC-BS-2835HE	23W/M 7.0 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835HE SC-BS-2835HE	23W/M 7.0 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"



IG Economic Series



Available colors



SC-BS-2835IG-XX-XXD-12V&24V

1 Series Name 2 SMD Type 3 Color 4 SMD Quantity per Meter 5 Input Voltage

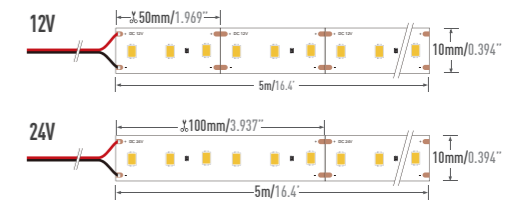
- Highly cost-effective, widely used
- Multiple CCT and CRI optional, suitable for customization
- Diversity of cutting lengths, can meet different needs



60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IG SC-BS-2835IG	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IG SC-BS-2835IG	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"

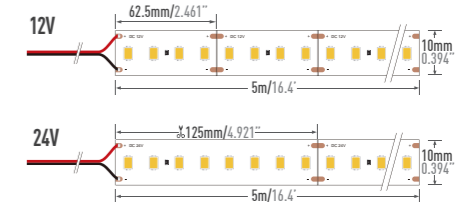
Lumens		
1250Lm/M 381 Lm/FT	1270Lm/M 387 Lm/FT	1320Lm/M 402 Lm/FT



64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IG SC-BS-2835IG	7.2W/M 2.19 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IG SC-BS-2835IG	7.2W/M 2.19 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"

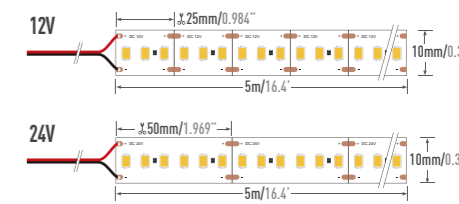
Lumens		
880Lm/M 268 Lm/FT	900Lm/M 274 Lm/FT	940Lm/M 287 Lm/FT



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IG SC-BS-2835IG	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IG SC-BS-2835IG	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"

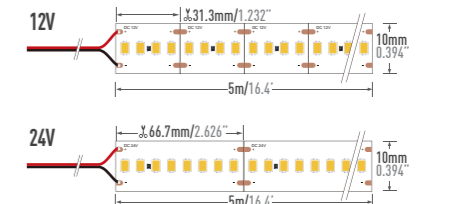
Lumens		
1450Lm/M 442 Lm/FT	1490Lm/M 454 Lm/FT	1530Lm/M 466 Lm/FT



128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IG SC-BS-2835IG	9.0W/M 2.74 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IG SC-BS-2835IG	9.0W/M 2.74 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"

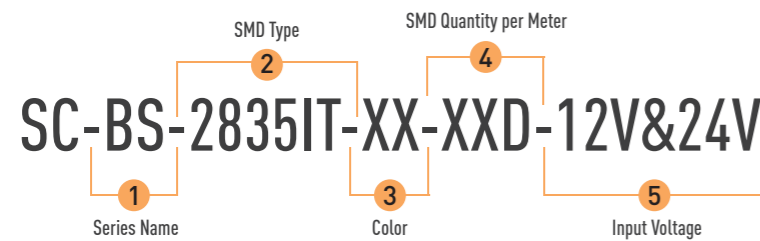
Lumens		
1300Lm/M 396 Lm/FT	1310Lm/M 399 Lm/FT	1330Lm/M 405 Lm/FT



IT Economic Series



Available colors

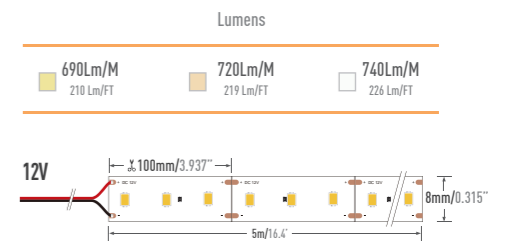


- Highly cost-effective, widely used
- Multiple CCT and CRI optional, suitable for customization
- Diversity of cutting lengths, can meet different needs



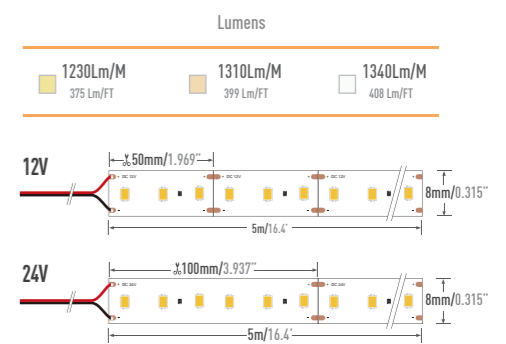
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IT SC-BS-2835IT	7.2W/M 2.2 W/FT	12V 12 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IT SC-BS-2835IT	7.2W/M 2.2 W/FT	12V 12 V	120° 120°	80 80	65 65	5mm 0.20"



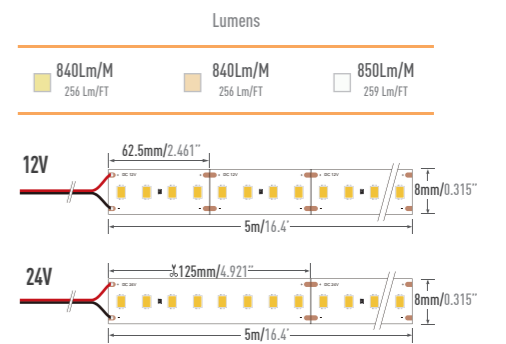
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IT SC-BS-2835IT	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IT SC-BS-2835IT	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"



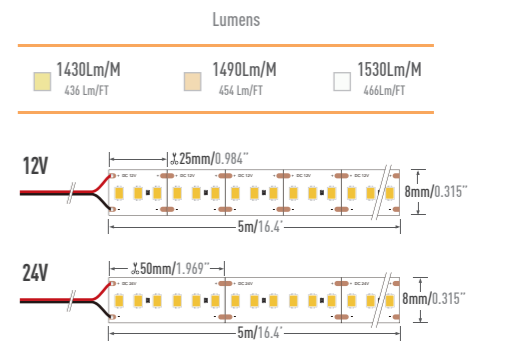
64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IT SC-BS-2835IT	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IT SC-BS-2835IT	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"

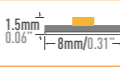



120 LEDs /M

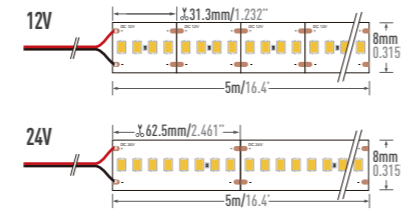
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IT SC-BS-2835IT	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06"
SC-BS-2835IT SC-BS-2835IT	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	5mm 0.20"



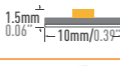
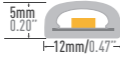
128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IT SC-BS-2835IT	9.0W/M 2.74 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	
SC-BS-2835IT SC-BS-2835IT	9.0W/M 2.74 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	

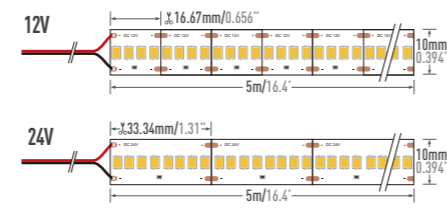
Lumens		
1160Lm/M 354 Lm/FT	1180Lm/M 360 Lm/FT	1220Lm/M 372 Lm/FT



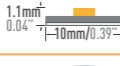
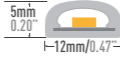
240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IT SC-BS-2835IT	11.0W/M 3.35 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	
SC-BS-2835IT SC-BS-2835IT	11.0W/M 3.35 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	

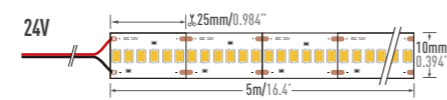
Lumens		
1560Lm/M 475 Lm/FT	1610Lm/M 491 Lm/FT	1680Lm/M 512 Lm/FT



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-BS-2835IT SC-BS-2835IT	19.2W/M 5.85 W/FT	24V 24 V	120° 120°	80 80	20 20	
SC-BS-2835IT SC-BS-2835IT	19.2W/M 5.85 W/FT	24V 24 V	120° 120°	80 80	65 65	

Lumens		
1990Lm/M 607 Lm/FT	2030Lm/M 619 Lm/FT	2060Lm/M 628 Lm/FT



Constant Current Series

DC48V&24V



Available colors



SC-2835CC-²XXD-³XW-⁴24&48V

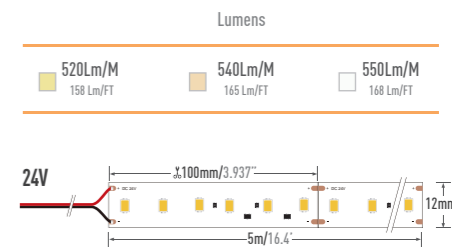
1 SMD Type 2 SMD Quantity per Meter 3 Color 4 Input Voltage

- Same brightness from head to the end for the whole 50M strip, with single driver run.
- Longer length, brighter light, lower heat
- LEDs works in constant current environment, longer lifespan



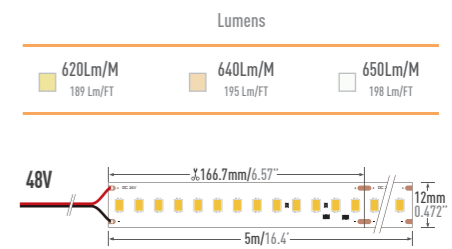
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835CC SC-2835CC	5W/M 1.5 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2.0mm 0.08" 12mm/0.47"
SC-2835CC SC-2835CC	5W/M 1.5 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" 14mm/0.55"



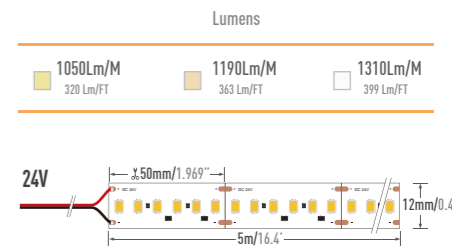
78 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835CC SC-2835CC	5W/M 1.5 W/FT	48V 48 V	120° 120°	80/90 80/90	20 20	2.0mm 0.08" 12mm/0.47"
SC-2835CC SC-2835CC	5W/M 1.5 W/FT	48V 48 V	120° 120°	80/90 80/90	65 65	5mm 0.20" 14mm/0.55"



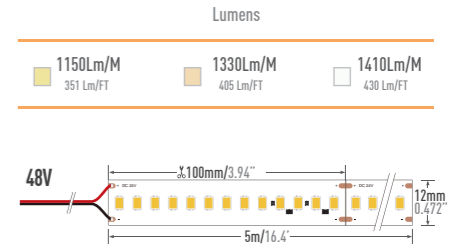
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835CC SC-2835CC	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2.0mm 0.08" 12mm/0.47"
SC-2835CC SC-2835CC	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" 14mm/0.55"



130 LEDs /M

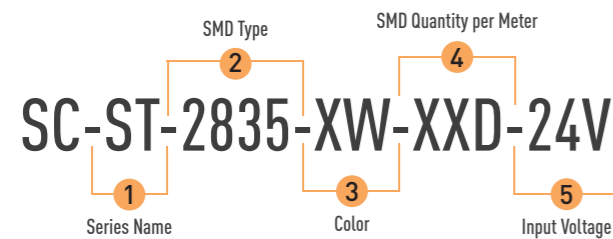
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835CC SC-2835CC	10W/M 3.05 W/FT	48V 48 V	120° 120°	80/90 80/90	20 20	2.0mm 0.08" 12mm/0.47"
SC-2835CC SC-2835CC	10W/M 3.05 W/FT	48V 48 V	120° 120°	80/90 80	65 65	5mm 0.20" 14mm/0.55"



High Efficiency Series



Available colors

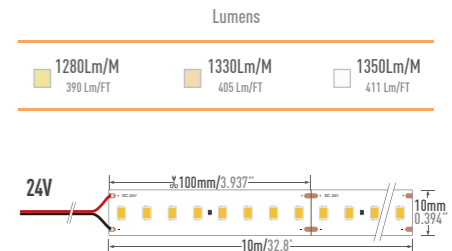


- High efficiency up to 196 lm/W, meets class B and C
- Quality SMD2835 0.2W LED provides unparalleled design-in flexibility for LED strips application
- SDCM[standard deviation of color matching] within six-step, IES60081:2010 standard



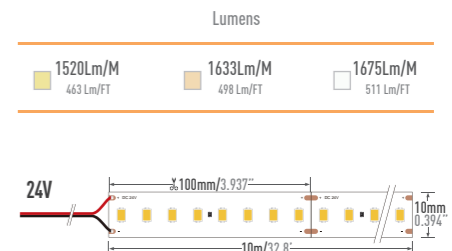
80 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-ST-2835 SC-ST-2835	8W/M 2.4 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2mm 0.079" 10mm/0.394"
SC-ST-2835 SC-ST-2835	8W/M 2.4 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" H2.5mm/0.494"
SC-ST-2835 SC-ST-2835	8W/M 2.4 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	4mm 0.16" H2.5mm/0.494"



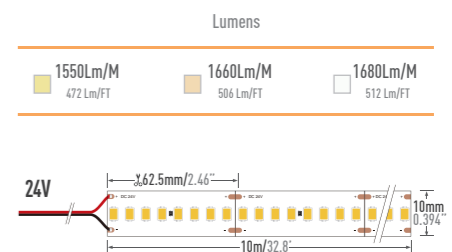
80 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-ST-2835 SC-ST-2835	10W/M 3.1 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2mm 0.079" 10mm/0.394"
SC-ST-2835 SC-ST-2835	10W/M 3.1 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" H2.5mm/0.494"
SC-ST-2835 SC-ST-2835	10W/M 3.1 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	4mm 0.16" H2.5mm/0.494"



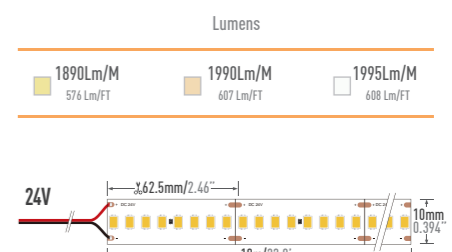
128 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-ST-2835 SC-ST-2835	10W/M 3.1 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2mm 0.079" 10mm/0.394"
SC-ST-2835 SC-ST-2835	10W/M 3.1 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" H2.5mm/0.494"
SC-ST-2835 SC-ST-2835	10W/M 3.1 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	4mm 0.16" H2.5mm/0.494"



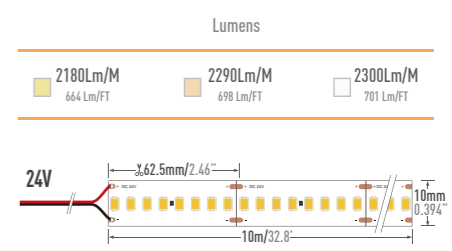
128 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-ST-2835 SC-ST-2835	12W/M 3.7 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2mm 0.079" 10mm/0.394"
SC-ST-2835 SC-ST-2835	12W/M 3.7 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" H2.5mm/0.494"
SC-ST-2835 SC-ST-2835	12W/M 3.7 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	4mm 0.16" H2.5mm/0.494"



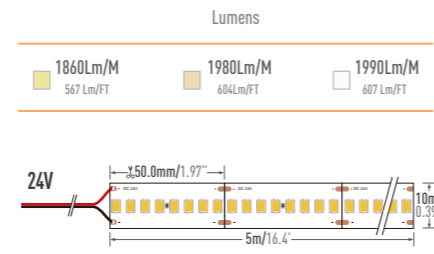
128 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-ST-2835 SC-ST-2835	14W/M 4.3 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2mm 0.079" 10mm/0.394"
SC-ST-2835 SC-ST-2835	14W/M 4.3 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" H2.5mm/0.494"
SC-ST-2835 SC-ST-2835	14W/M 4.3 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	4mm 0.16" H2.5mm/0.494"



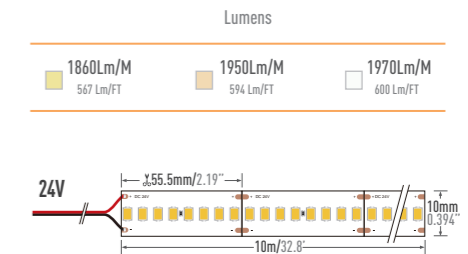
160 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	12W/M 3.66 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	12W/M 3.66 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	12W/M 3.66 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65



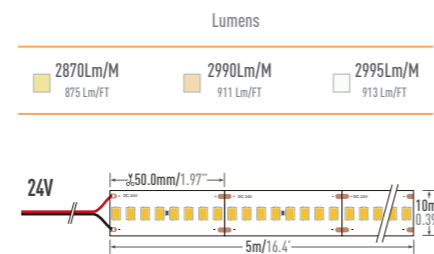
162 LEDs/M Class B

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65



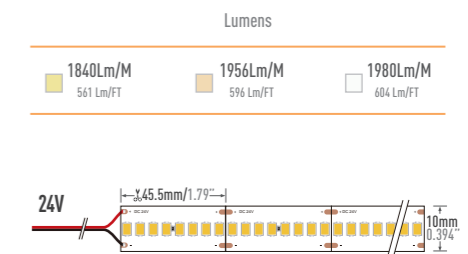
160 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	18W/M 5.49 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	18W/M 5.49 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	18W/M 5.49 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65



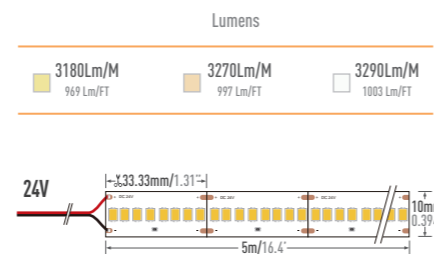
198 LEDs/M Class B

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	10W/M 3.05 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65



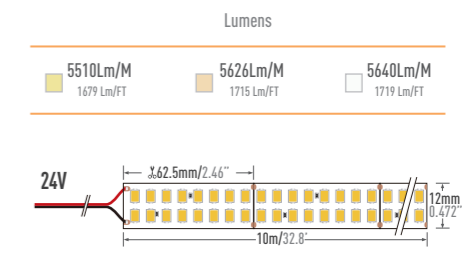
240 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	20W/M 6.1 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	20W/M 6.1 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	20W/M 6.1 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65



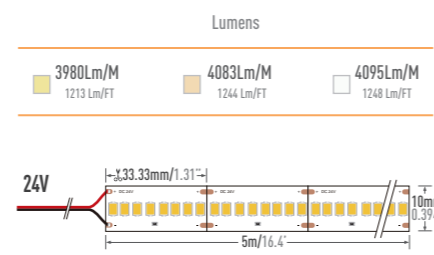
256 LEDs/M Class B

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	30W/M 9.14 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	30W/M 9.14 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	30W/M 9.14 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65



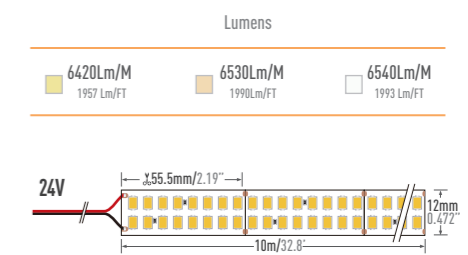
240 LEDs/M Class C

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	25W/M 7.62 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	25W/M 7.62 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	25W/M 7.62 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65



288 LEDs/M Class B

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ST-2835 SC-ST-2835	35W/M 10.7 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20
SC-ST-2835 SC-ST-2835	35W/M 10.7 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65
SC-ST-2835 SC-ST-2835	35W/M 10.7 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65

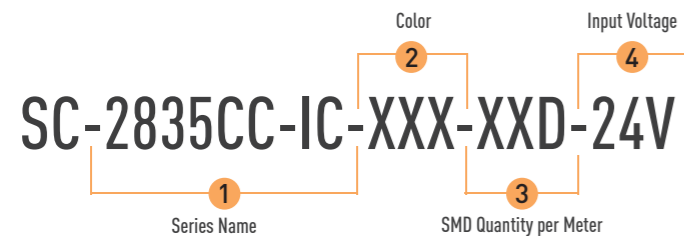


Constant Current Series

DC24V



Available colors

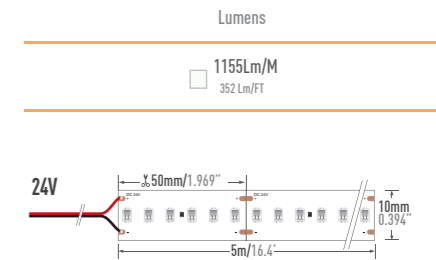


- The length of single end power supply can reach 15m, 11w/m
- No brightness difference between the head and the end, good heat dissipation, low light attenuation and high lifespan
- High quality LEDs
- 10MM



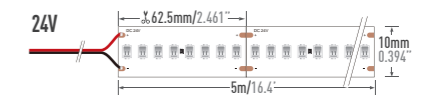
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	W/G/B W/G/B	20 20
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	W/G/B W/G/B	64 64
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	W/G/B W/G/B	65 65
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	W/G/B W/G/B	65 65
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	W/G/B W/G/B	68 68



128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	R/Y R/Y	20 20
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	R/Y R/Y	64 64
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	R/Y R/Y	65 65
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	R/Y R/Y	65 65
SC-2835CC-IC SC-2835CC-IC	11W/M 3.4 W/FT	24V 24 V	120° 120°	R/Y R/Y	68 68



Ppass Series NEW



Available colors

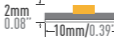
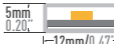
WW NW W

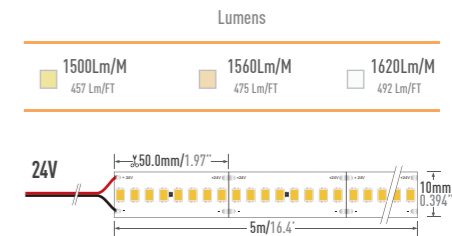
Series Name: **2**
 SMD Quantity per Meter: **4**
SC-2835-Ppass-XW-160D-24V
 SMD Type: **1** Color: **3** Input Voltage: **5**

- Special FPC board and PCB treatment process to enhance light reflection and heat dissipation, bring better weather resistance and excellent visual effects
- SDCM<3, Ra>95, R9>90
- Quality SMD2835 0.2W LED provides unparalleled design-in flexibility for LED strips application.



160 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835-Ppass SC-2835-Ppass	12W/M 4.0 W/FT	24V 24 V	120° 120°	95 95	20 20	
SC-2835-Ppass SC-2835-Ppass	12W/M 4.0 W/FT	24V 24 V	120° 120°	95 95	65 65	





RGB & Hybrid LED STRIP

4040 Series	P39-40
5050 Series	P41-42
2835 RGB Series	P43-44
4713 Series	P45-46
5-in-1 Series	P47-48
4-in-1 Series	P49-50
TW Series	P51-52
YID-W+WW Series	P53-54
Built-in IC Series	P55-56
External IC Series (SMD 5050)	P57-58
External IC Series (SMD 2835)	P59-60
RGBW Series	P61-62
RGBTW Series	P63-64

4040 Series



SC-4040-RGB-120D-12&24V

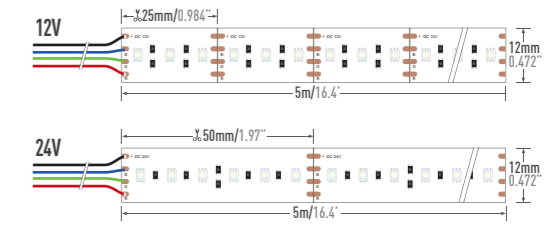
1 SMD Type 2 Color 3 SMD Quantity per Meter 4 Input Voltage

- New RGB LED type, 4040 assembly
- 120pcs LED per meter, better mixed light effect
- Stronger LED bracket, more flexible and bendable



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-4040-RGB SC-4040-RGB	22W/M 6.7 W/FT	12/24V 12/24 V	120° 120°	20 20	1.8mm 0.07" 12mm/0.47"
SC-4040D-RGB SC-4040D-RGB	22W/M 6.7 W/FT	12/24V 12/24 V	120° 120°	64 64	2.8mm 0.11" 12mm/0.47"
SC-4040P-RGB SC-4040P-RGB	22W/M 6.7 W/FT	12/24V 12/24 V	120° 120°	65 65	4.8mm 0.19" H4.5mm/0.57"
SC-4040S-RGB SC-4040S-RGB	22W/M 6.7 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.15" H4.5mm/0.57"
SC-SF-4040-RGB SC-SF-4040-RGB	22W/M 6.7 W/FT	12/24V 12/24 V	120° 120°	68 68	10.5mm 0.41" H6.5mm/0.65"



5050 Series

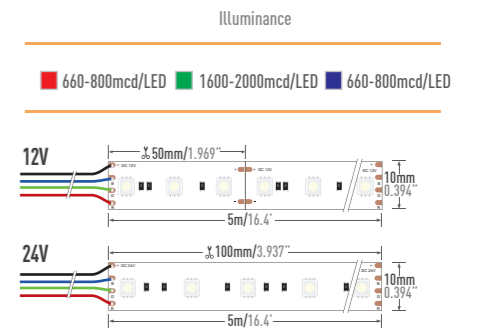
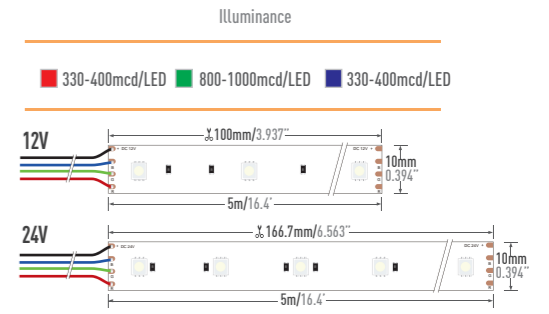


30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050IP-RGB SC-5050IP-RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	20 20	2mm 0.08" 10mm/0.39"
SC-5050IPD-RGB SC-5050IPD-RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	64 64	2.8mm 0.11" 10mm/0.39"
SC-5050IPP-RGB SC-5050IPP-RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-5050IPS-RGB SC-5050IPS-RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.16" 12.5mm/0.49"
SC-SF-5050IP-RGB SC-SF-5050IP-RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	68 68	6.5mm 0.26" 14mm/0.55"

60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050IP-RGB2 SC-5050IP-RGB2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	20 20	2mm 0.08" 10mm/0.39"
SC-5050IPD-RGB2 SC-5050IPD-RGB2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	64 64	2.8mm 0.11" 10mm/0.39"
SC-5050IPP-RGB2 SC-5050IPP-RGB2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-5050IPS-RGB2 SC-5050IPS-RGB2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.16" 12.5mm/0.49"
SC-SF-5050IP-RGB2 SC-SF-5050IP-RGB2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	68 68	6.5mm 0.26" 14mm/0.55"



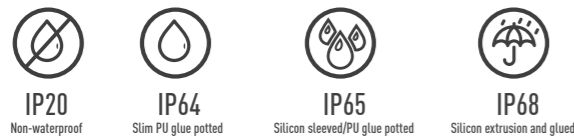
Color
2

SC-5050IP-RGB-12&24V

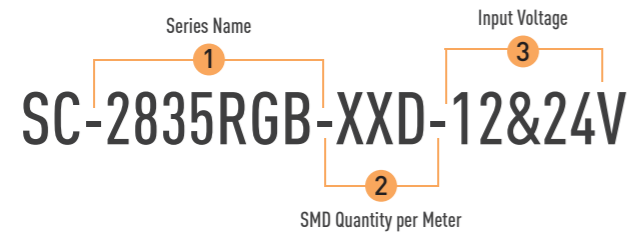
1 SMD Type

3 Input Voltage

- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- T or L type connectors for corner connection
- Max connection length is 10m/32.81FT, 120 degree
- Standard 5M on reel



2835 RGB Series



- New RGB LED type, 2835 assembly
- 60/120pcs LED per meter, better mixed light effect
- Stronger LED bracket, more flexible and bendable



IP20
Non-waterproof



IP64
Slim PU glue potted



IP65
Silicon sleeved/PU glue potted



RoHS



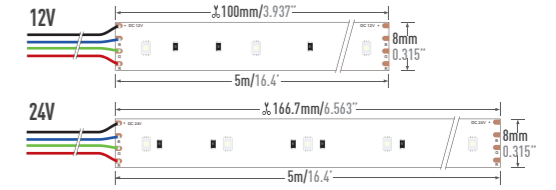
.IES



Warranty
5 years

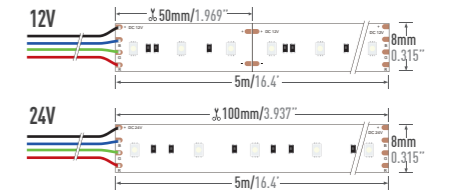
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-2835RGB SC-2835RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	20 20	2mm 0.08" 8mm/0.315"
SC-2835RGB SC-2835RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	64 64	2.8mm 0.11" 8mm/0.315"
SC-2835RGB SC-2835RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	65 65	4.6mm 0.18" 10mm/0.39"
SC-2835RGB SC-2835RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.16" 11mm/0.43"



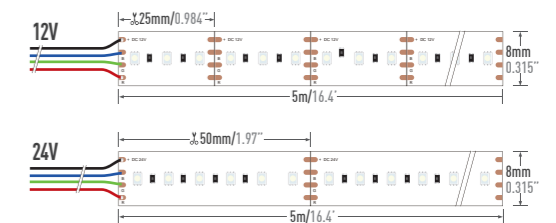
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	20 20	2mm 0.08" 8mm/0.315"
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	64 64	2.8mm 0.11" 8mm/0.315"
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	65 65	4.6mm 0.18" 10mm/0.39"
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.16" 11mm/0.43"



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	20 20	2mm 0.08" 8mm/0.315"
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	64 64	2.8mm 0.11" 8mm/0.315"
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	65 65	4.6mm 0.18" 10mm/0.39"
SC-2835RGB SC-2835RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.16" 11mm/0.43"



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

4713 RGB Series



Series Name: **1** SC-4713RGB-**2**XXD-12**3**&24V

Input Voltage: **3**

SMD Quantity per Meter: **2**

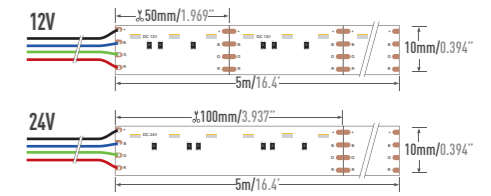


- Newest LED SMD 4713, smaller and thinner, it could achieve high density line array
- More concentrated lighting effect, better mixed light effect
- LEDs: 99.99% golden wire and copper support, super bright LEDs, stable and reliable



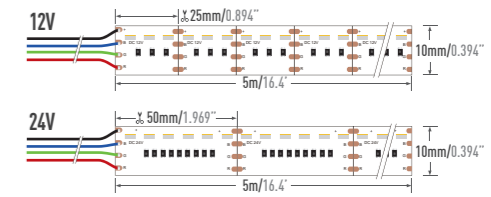
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-4713RGB SC-4713RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	20 20	1.5mm 0.06" 10mm/0.394"
SC-4713RGB SC-4713RGB	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.16" 12.5mm/0.491"

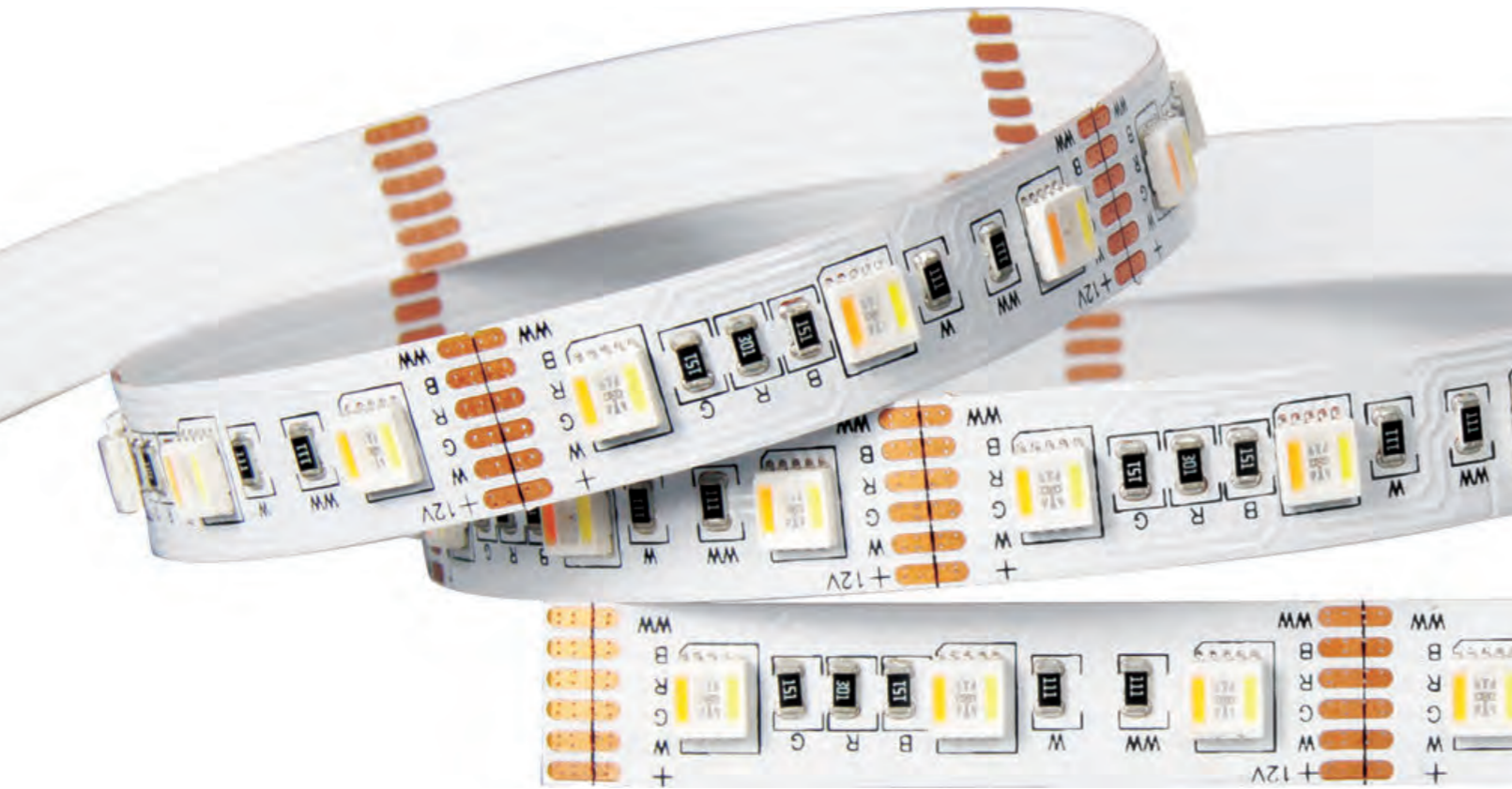


120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-4713RGB SC-4713RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	20 20	1.7mm 0.06" 10mm/0.394"
SC-4713RGB SC-4713RGB	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	65 65	4mm 0.16" 12.5mm/0.491"



5-in-1 Series



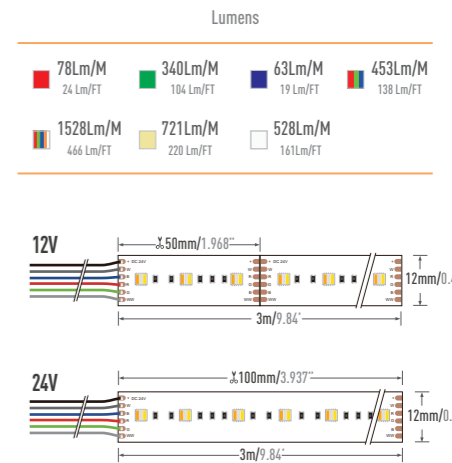
Input Voltage
2
SC-0ID5-12/24V
1
 Series Name(5-in-1)



- 5050 assembled LEDs
- CRI 80, 5 colors mixed to reach 65536 colors, and the LED strip is equipped with special controller to control 52 kinds of variable modes
- Can be cut to meet requirements of different length (the minimum cut length is 50mm, and custom cut length can be integer multiples of minimum cut length)
- 2700-6500K variation, RGB mixed color change; 12V DC
- Product length 3M



Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating	
SC-0ID5 SC-0ID5	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	R/G/B R/G/B	20 20	2mm 0.08" ±12mm/0.47"
SC-0ID5 SC-0ID5	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	W/WW W/WW	20 20	2mm 0.08" ±12mm/0.47"
SC-0ID5 SC-0ID5	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	RGB RGB	20 20	2mm 0.08" ±12mm/0.47"
SC-0ID5 SC-0ID5	24W/M 7.3 W/FT	12/24V 12/24 V	120° 120°	RGB+WW+W RGB+WW+W	20 20	2mm 0.08" ±12mm/0.47"



4-in-1 Series

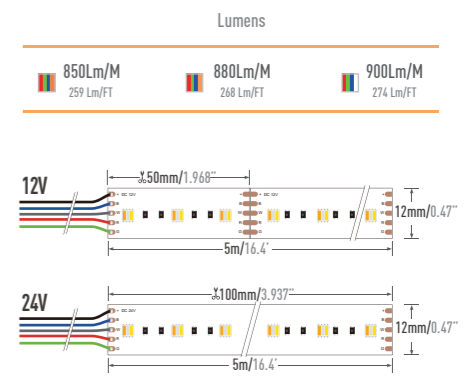


Input Voltage
2
SC-01D4-12/24V
1
 Series Name(4-in-1)

- Built-in 4-in-1 RGB with single color strip, 5 channels
- Double layer pure copper 2oz PCB
- 3M adhesive tape for easy installation
- High brightness 5050 type LED
- 120 degree
- Standard 5M on reel



Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating	
SC-01D4 SC-01D4	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	RGB+WW/NW/W RGB+WW/NW/W	20	
SC-001D4 SC-001D4	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	RGB+WW/NW/W RGB+WW/NW/W	64	
SC-T01D4 SC-T01D4	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	RGB+WW/NW/W RGB+WW/NW/W	65	
SC-S01D4 SC-S01D4	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	RGB+WW/NW/W RGB+WW/NW/W	65	
SC-SF-01D4 SC-SF-01D4	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	RGB+WW/NW/W RGB+WW/NW/W	68	



TW Series



Number of LEDs per Group: 2
 Input Voltage: 12/24
 PCB Width: 10
 SMD Type: SC-2835-06
 Color: X&X
 SMD Quantity per Meter: 10

SC-2835-06-X&X-12/24-XD-10

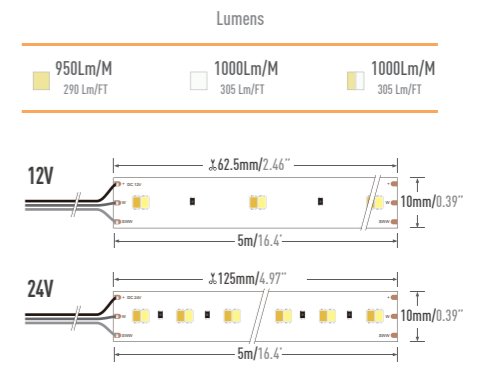


- Preferred dual-color LEDs to achieve three-color changing light effect
- 1800-6500K CCT adjustable
- Dual-color LEDs close to, color matching uniformity, consistency, no color difference
- LEDs SDCM between 3-6 optional, two color temperatures of the strip optional
- Suitable for various dimming controllers in the market



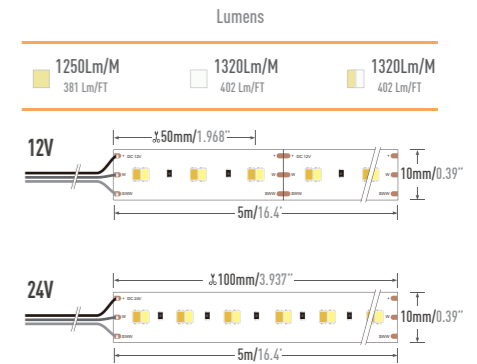
96 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-2835-06 SC-2835-06	8.64*2W/M 2.6*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	1.1mm ² 0.04" 10mm/0.39"
SC-2835-06 SC-2835-06	8.64*2W/M 2.6*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64	2.8mm ² 0.11" 10mm/0.39"
SC-2835-06 SC-2835-06	8.64*2W/M 2.6*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	4.3mm ² 0.16" 12.5mm/0.49"
SC-2835-06 SC-2835-06	8.64*2W/M 2.6*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	4mm ² 0.15" 12.5mm/0.49"



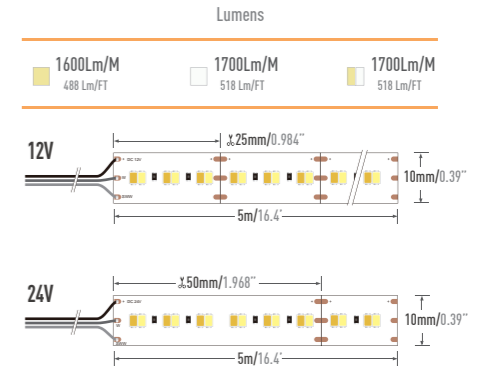
120 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-2835-06 SC-2835-06	11.52*2W/M 3.5*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	1.1mm ² 0.04" 10mm/0.39"
SC-2835-06 SC-2835-06	11.52*2W/M 3.5*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64	2.8mm ² 0.11" 10mm/0.39"
SC-2835-06 SC-2835-06	11.52*2W/M 3.5*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	4.3mm ² 0.16" 12.5mm/0.49"
SC-2835-06 SC-2835-06	11.52*2W/M 3.5*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	4mm ² 0.15" 12.5mm/0.49"



240 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-2835-06 SC-2835-06	14.4*2W/M 4.4*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	1.1mm ² 0.04" 10mm/0.39"
SC-2835-06 SC-2835-06	14.4*2W/M 4.4*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64	2.8mm ² 0.11" 10mm/0.39"
SC-2835-06 SC-2835-06	14.4*2W/M 4.4*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	4.3mm ² 0.16" 12.5mm/0.49"
SC-2835-06 SC-2835-06	14.4*2W/M 4.4*2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	4mm ² 0.15" 12.5mm/0.49"

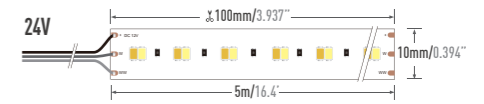
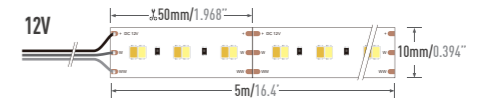


YID-W+WW Series



Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-YID-W+WW SC-YID-W-WW	9.6W/M 3 W/FT	12/24V 12/24V	120° 120°	W+WW W-WW	20 20

Lumens		
390Lm/M 119 Lm/FT	320Lm/M 98 Lm/FT	710Lm/M 216 Lm/FT



Color
2
SC-YID-W+WW-12/24V
1 Series Name
3 Input Voltage

- Super bright hybrid LED strip;
- CCT adjustable, from 2700K to 6000k;
- Double layer pure copper 2oz PCB;
- 3M adhesive tape for easy installation;
- Strip should work with aluminium profile;
- Packed 5m on reel.



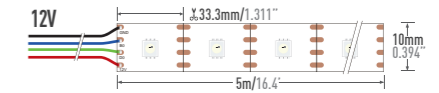
2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Built-in IC Series



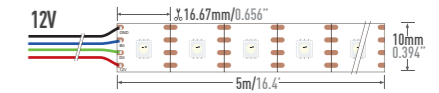
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050RGBIC SC-5050RGBIC	4.3W/M 1.3 W/FT	12V 12 V	120° 120°	20 20	
SC-5050RGBIC SC-5050RGBIC	4.3W/M 1.3 W/FT	12V 12 V	120° 120°	64 64	
SC-5050RGBIC SC-5050RGBIC	4.3W/M 1.3 W/FT	12V 12 V	120° 120°	65 65	
SC-5050RGBIC SC-5050RGBIC	4.3W/M 1.3 W/FT	12V 12 V	120° 120°	65 65	



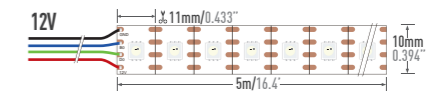
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050RGBIC SC-5050RGBIC	8.6W/M 2.62 W/FT	12V 12 V	120° 120°	20 20	
SC-5050RGBIC SC-5050RGBIC	8.6W/M 2.62 W/FT	12V 12 V	120° 120°	64 64	
SC-5050RGBIC SC-5050RGBIC	8.6W/M 2.62 W/FT	12V 12 V	120° 120°	65 65	
SC-5050RGBIC SC-5050RGBIC	8.6W/M 2.62 W/FT	12V 12 V	120° 120°	65 65	



90LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050RGBIC SC-5050RGBIC	13W/M 3.96 W/FT	12V 12 V	120° 120°	20 20	
SC-5050RGBIC SC-5050RGBIC	13W/M 3.96 W/FT	12V 12 V	120° 120°	64 64	
SC-5050RGBIC SC-5050RGBIC	13W/M 3.96 W/FT	12V 12 V	120° 120°	65 65	
SC-5050RGBIC SC-5050RGBIC	13W/M 3.96 W/FT	12V 12 V	120° 120°	65 65	



SMD Quantity per Meter

SC-5050RGBIC-XXD-12V

1 SMD Type & Color 2 3 Input Voltage

- One LED as a pixel point, can realize fine single point single control
- No peripheral components, neat and beautiful board
- Break point continuous transmission, the damage of a LED in the middle does not affect the normal display of the subsequent LED

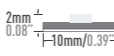
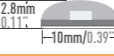

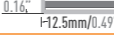


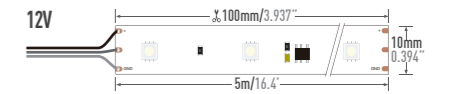
External IC Series

5050 Series

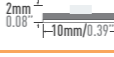





30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050RGBIC SC-5050RGBIC	6.0W/M 1.83 W/FT	12V 12 V	120° 120°	20 20	
SC-5050RGBIC SC-5050RGBIC	6.0W/M 1.83 W/FT	12V 12 V	120° 120°	64 64	
SC-5050RGBIC SC-5050RGBIC	6.0W/M 1.83 W/FT	12V 12 V	120° 120°	65 65	
SC-5050RGBIC SC-5050RGBIC	6.0W/M 1.83 W/FT	12V 12 V	120° 120°	65 65	

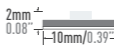
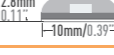




60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050RGBIC SC-5050IP-RGB2	12.0W/M 3.66 W/FT	24V 24 V	120° 120°	20 20	
SC-5050RGBIC SC-5050RGBIC	12.0W/M 3.66 W/FT	24V 24 V	120° 120°	64 64	
SC-5050RGBIC SC-5050RGBIC	12.0W/M 3.66 W/FT	24V 24 V	120° 120°	65 65	
SC-5050RGBIC SC-5050RGBIC	12.0W/M 3.66 W/FT	24V 24 V	120° 120°	65 65	



84 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050RGBIC SC-5050RGBIC	17.0W/M 5.18 W/FT	24V 24 V	120° 120°	20 20	
SC-5050RGBIC SC-5050RGBIC	17.0W/M 5.18 W/FT	24V 24 V	120° 120°	64 64	
SC-5050RGBIC SC-5050RGBIC	17.0W/M 5.18 W/FT	24V 24 V	120° 120°	65 65	
SC-5050RGBIC SC-5050RGBIC	17.0W/M 5.18 W/FT	24V 24 V	120° 120°	65 65	



SMD Quantity per Meter

SC-5050RGBIC-XXD-12V

1 SMD Type & Color 2 3 Input Voltage

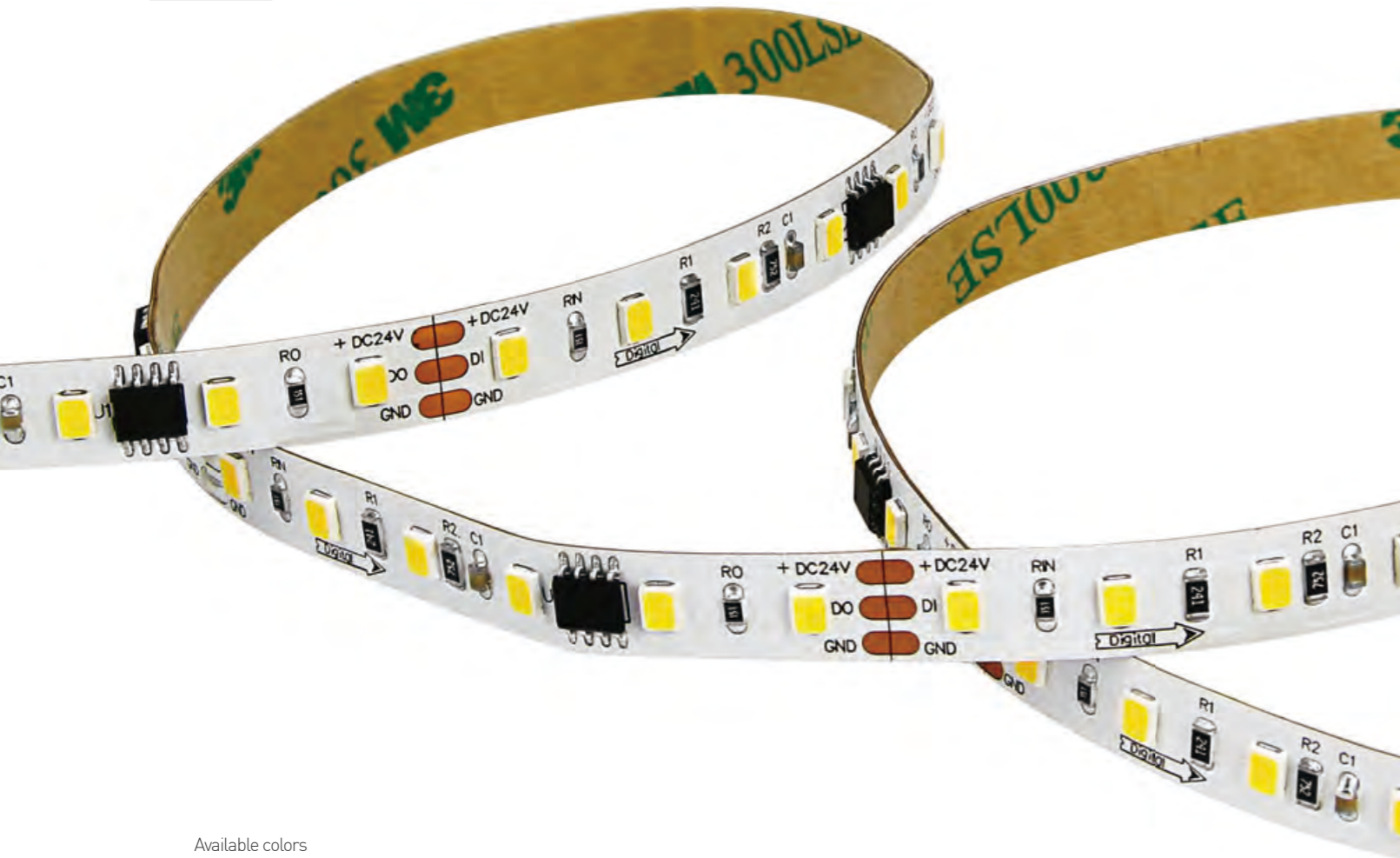
- 24 V power supply, lower voltage, can be connected in length
- Suitable for most conventional controllers on the market, easy to operate
- Each unit as a pixel point, can be infinitely cascaded



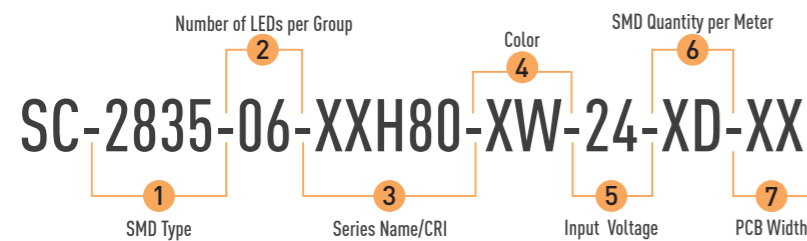
External IC Series



2835 Series



Available colors

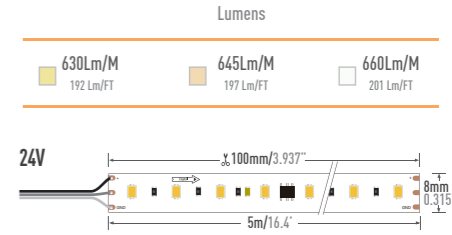


- Adopts high-quality light sources and reliable chip scheme, ensuring consistent brightness from head to tail
- With various dynamic modes, it can be programmed into different modes
- The SPI signal data transmission ensures good anti-interference capacity, making it a reliable and user-friendly lighting solution



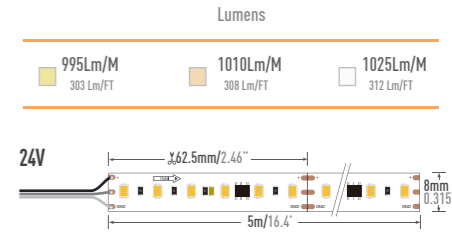
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	Lumens
SC-2835-06-HCH80 SC-2835-06-HCH80	10W/M 3.05 W/FT	24V 24 V	120° 120°	20 20	1.1mm ² 0.04" 8mm/0.31"
SC-2835-06-THCH80 SC-2835-06-THCH80	10W/M 3.05 W/FT	24V 24 V	120° 120°	65 65	4mm ² 0.16" 10mm/0.39"



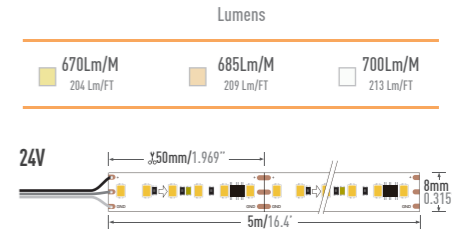
96 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	Lumens
SC-2835-06-HCH80 SC-2835-06-HCH80	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	20 20	1.1mm ² 0.04" 8mm/0.31"
SC-2835-06-THCH80 SC-2835-06-THCH80	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	65 65	4mm ² 0.16" 10mm/0.39"



120 LEDs /M

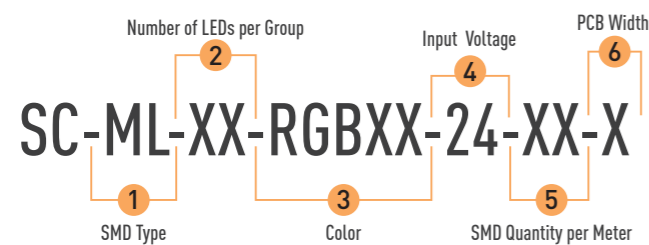
Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	Lumens
SC-2835-06-HCH80 SC-2835-06-HCH80	12W/M 3.66 W/FT	24V 24 V	120° 120°	20 20	1.1mm ² 0.04" 8mm/0.31"
SC-2835-06-THCH80 SC-2835-06-THCH80	12W/M 3.66 W/FT	24V 24 V	120° 120°	65 65	4mm ² 0.16" 10mm/0.39"



RGBW Series



Available colors

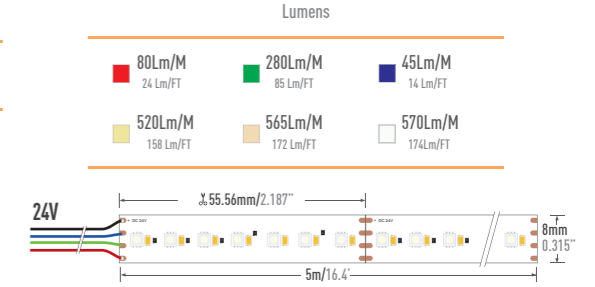


- 2835&2219 / 5050&2835 encapsulated LEDs, CRI80/90, single color & multiple color temperatures available + RGB full color combination
- Low light attenuation, high lifespan, high-quality LEDs
- High density LED layout, 8mm/12mm board width
- Suitable for multiple models and sizes of neon, aluminum groove light strip with consistent color and no light spots



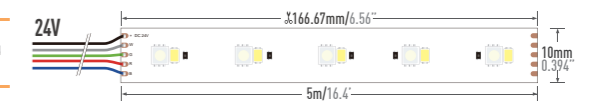
2835+2219 Series

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-ML-07-RGBXX SC-ML-07-RGBXX	14W/M 4.27 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	20 20



5050+2835 Series (60 LEDs / M)

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-ML-XX-RGBW SC-ML-XX-RGBW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	20 20
SC-ML-XX-RGBW SC-ML-XX-RGBW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	64 64
SC-ML-XX-RGBW SC-ML-XX-RGBW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	65 65
SC-ML-XX-RGBW SC-ML-XX-RGBW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	65 65
SC-ML-XX-RGBW SC-ML-XX-RGBW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	67 67

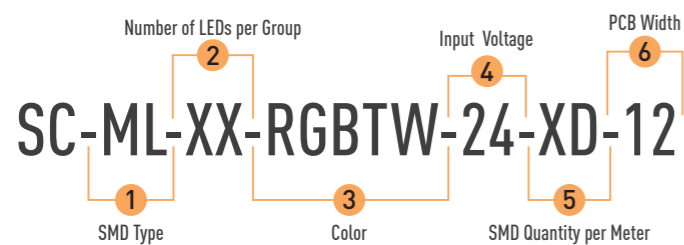


5050+2835 Series (120 LEDs / M)

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-ML-XX-RGBW SC-ML-XX-RGBW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	20 20
SC-ML-XX-RGBW SC-ML-XX-RGBW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	64 64
SC-ML-XX-RGBW SC-ML-XX-RGBW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	65 65
SC-ML-XX-RGBW SC-ML-XX-RGBW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	65 65
SC-ML-XX-RGBW SC-ML-XX-RGBW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGBW/RGBNW / RGBWW	67 67



RGBTW Series NEW



- RGB + Tunable White (1500K to 9000K) color mixing capability.
- Useful luminous flux up to 850lm per meter while consuming only 8.5W per meter
- Sync & control multiple Spectrum+ strip light kits & products
- Excellent color rendering index (80+CRI).



60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-ML-15-RGBTW SC-ML-15-RGBTW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	20 20
SC-ML-15-RGBTW SC-ML-15-RGBTW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	64 64
SC-ML-15-RGBTW SC-ML-15-RGBTW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-15-RGBTW SC-ML-15-RGBTW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-15-RGBTW SC-ML-15-RGBTW	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	67 67



90 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-ML-15-RGBTW SC-ML-15-RGBTW	9.6W/M 2.93 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	20 20
SC-ML-15-RGBTW SC-ML-15-RGBTW	9.6W/M 2.93 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	64 64
SC-ML-15-RGBTW SC-ML-15-RGBTW	9.6W/M 2.93 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-15-RGBTW SC-ML-15-RGBTW	9.6W/M 2.93 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-15-RGBTW SC-ML-15-RGBTW	9.6W/M 2.93 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	67 67



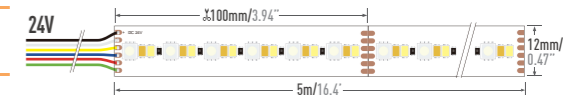
144 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-ML-18-RGBTW SC-ML-18-RGBTW	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	20 20
SC-ML-18-RGBTW SC-ML-18-RGBTW	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	64 64
SC-ML-18-RGBTW SC-ML-18-RGBTW	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-18-RGBTW SC-ML-18-RGBTW	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-18-RGBTW SC-ML-18-RGBTW	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	67 67



180 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-ML-18-RGBTW SC-ML-18-RGBTW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	20 20
SC-ML-18-RGBTW SC-ML-18-RGBTW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	64 64
SC-ML-18-RGBTW SC-ML-18-RGBTW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-18-RGBTW SC-ML-18-RGBTW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	65 65
SC-ML-18-RGBTW SC-ML-18-RGBTW	16.8W/M 5.12 W/FT	24V 24 V	120° 120°	RGB+WW+W RGB+WW+W	67 67





**Built-in IC
LED STRIP**

Built-in IC Strip



Available colors



SMD Type & Constant Current: **1**
 Input Voltage: **3**
SC-2835CC-60-24V
 SMD Quantity per Meter: **2**



- Running to 25Meters/82FT with one driver, no need to feed two ends
- Built-in IC for LED, no resistors
- Nice performance for designer
- Cuttable as normal LED strip



60 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-2835CC-60 SC-2835CC-60	3.6W/M 1.1 W/FT	24V 24 V	120° 120°	80 80	20 20

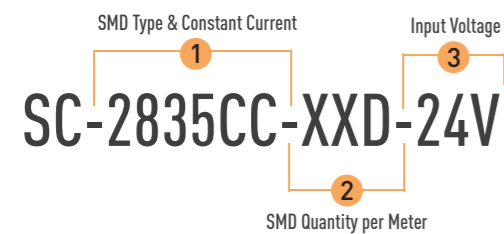
Lumens		
360Lm/M 110 Lm/FT	380Lm/M 116 Lm/FT	400Lm/M 122 Lm/FT



Built-in IC Strip



Available colors

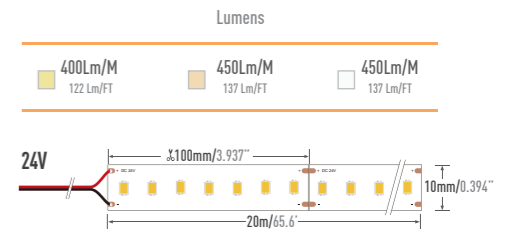


- 2835 capsulation size LEDs, SDCM<5
- 1oz copper foil thickness on the front, 2oz on the back, goog heat dissipation, low light decay, high lifespan
- High quality LEDs
- Build-in constant current IC, long cascade without voltage drop
- 8mm, 10mm or 12mm width PCB



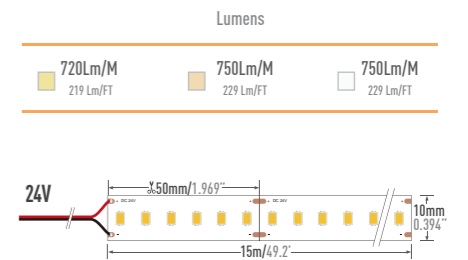
70 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-2835CC SC-2835CC	4W/M 1.2 W/FT	24V 24 V	120° 120°	90 90	20 20	1.1mm ⁺ 0.04" 10mm/0.39"
SC-2835CC SC-2835CC	4W/M 1.2 W/FT	24V 24 V	120° 120°	90 90	64 64	2.8mm 0.11" 10mm/0.39"
SC-2835CC SC-2835CC	4W/M 1.2 W/FT	24V 24 V	120° 120°	90 90	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-2835CC SC-2835CC	4W/M 1.2 W/FT	24V 24 V	120° 120°	90 90	65 65	4mm 0.16" 12.5mm/0.49"
SC-2835CC SC-2835CC	4W/M 1.2 W/FT	24V 24 V	120° 120°	90 90	68 68	6.5mm 0.26" 14mm/0.55"



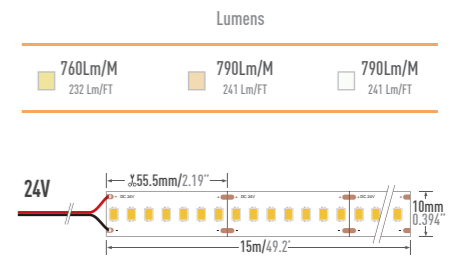
120 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-2835CC SC-2835CC	8W/M 2.4 W/FT	24V 24 V	120° 120°	90 90	20 20	1.1mm ⁺ 0.04" 10mm/0.39"
SC-2835CC SC-2835CC	8W/M 2.4 W/FT	24V 24 V	120° 120°	90 90	64 64	2.8mm 0.11" 10mm/0.39"
SC-2835CC SC-2835CC	8W/M 2.4 W/FT	24V 24 V	120° 120°	90 90	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-2835CC SC-2835CC	8W/M 2.4 W/FT	24V 24 V	120° 120°	90 90	65 65	4mm 0.16" 12.5mm/0.49"
SC-2835CC SC-2835CC	8W/M 2.4 W/FT	24V 24 V	120° 120°	90 90	68 68	6.5mm 0.26" 14mm/0.55"



126 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-2835CC SC-2835CC	7W/M 1.9 W/FT	24V 24 V	120° 120°	90 90	20 20	1.1mm ⁺ 0.04" 10mm/0.39"
SC-2835CC SC-2835CC	7W/M 1.9 W/FT	24V 24 V	120° 120°	90 90	64 64	2.8mm 0.11" 10mm/0.39"
SC-2835CC SC-2835CC	7W/M 1.9 W/FT	24V 24 V	120° 120°	90 90	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-2835CC SC-2835CC	7W/M 1.9 W/FT	24V 24 V	120° 120°	90 90	65 65	4mm 0.16" 12.5mm/0.49"
SC-2835CC SC-2835CC	7W/M 1.9 W/FT	24V 24 V	120° 120°	90 90	68 68	6.5mm 0.26" 14mm/0.55"





2110 LED STRIP

Hybrid Series | P73-74

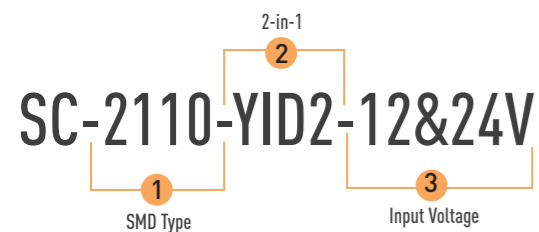
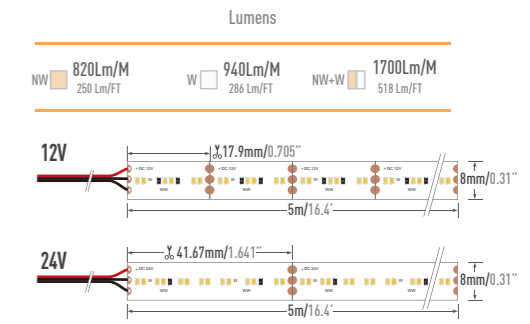
Classic Series | P75-76

Hybrid Series



336 LEDs /M

	Model	Max. Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗	SC-2110-YID2 SC-2110-YID2	23 W/M 7 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	1.4mm 0.06"
⊙	SC-2110-YID2D SC-2110-YID2D	23 W/M 7 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11"



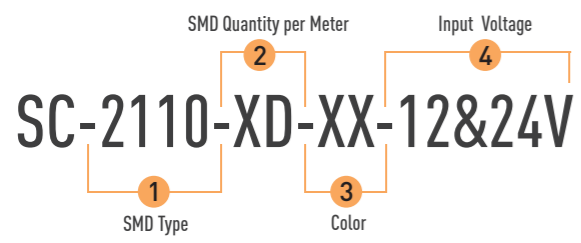
- 2110 assembled LEDs
- Delicate, high bright, highly reliable, rich in color, etc
- Can be cut to meet requirements of different length
- Equipped with many LEDs which are placed densely, thus having concentrated lighting effect and higher power



Classic Series



Available colors
■ WW ■ NW ■ W

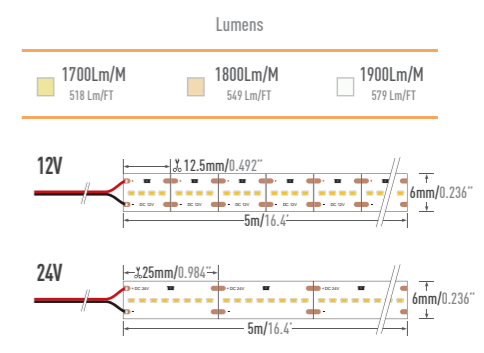


- Uniform design, up to 912 LEDs per meter
- High efficiency, CRI>90, max 110lm/w
- Stronger LED holder, random bending
- Unique protected PCB design
- No dots light, uniform effect, no need for a cover



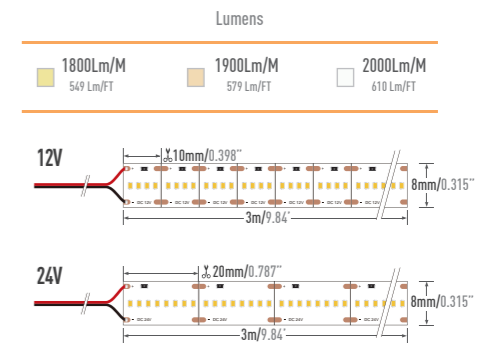
320 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2110-32D SC-2110-32D	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	
SC-2110D-32D SC-2110D-32D	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	



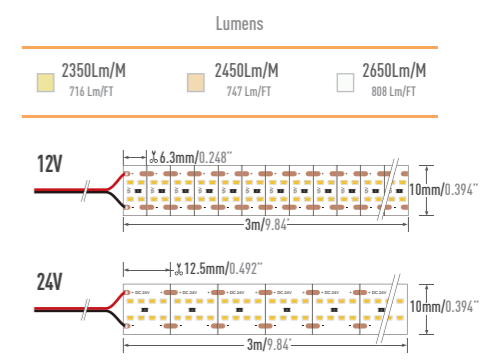
400 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2110-40D SC-2110-40D	20.0W/M 6.1 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	



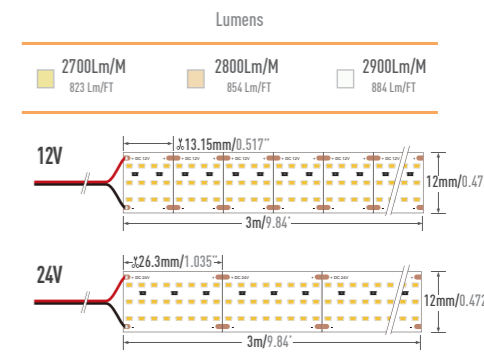
640 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2110-64D SC-2110-64D	24.0W/M 7.3 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	



912 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2110-912 SC-2110-912	28.8 W/M 8.8 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	



2835 Series
 RGB Series
 Built-in IC Series
 2110 & 21016 Series
 3014 Series
 3528 Series
 5050 Series
 Special Strip
 COB Strip
 Neon Flex
 Rigid Strip
 Strip Kits



2216 LED STRIP

Full Spectrum Series | P79-80

Classic Series | P81-88

Constant Current Series | P89-90

Full Spectrum Series



Available colors



SC-2216TM-XD-XX-12&24V

1 SMD Type 2 SMD Quantity per Meter 3 Color 4 Input Voltage

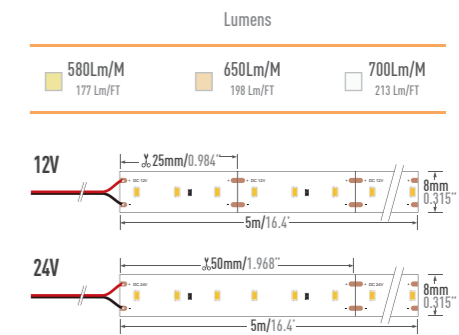


- 2216 Full Spectrum LEDs
- CRI>97, R1-R15>92
- Rf(color gamut), Rg(color fidelity) close to 100, high saturation, high reducibility
- Comply with TM-30-15 standard
- Applied in hospital lighting, fresh food area light, studio lighting, exhibition etc



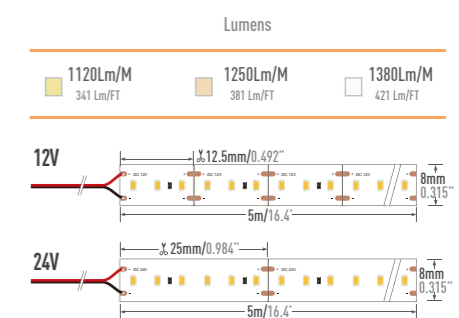
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216TM-12D SC-2216TM-12D	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	0.9mm 0.04" 8mm/0.31"
SC-2216TMD-12D SC-2216TMD-12D	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	97 97	64 64	2.8mm 0.11" 8mm/0.31"
SC-2216TMP-12D SC-2216TMP-12D	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4.3mm 0.16" 10mm/0.39"
SC-2216TMS-12D SC-2216TMS-12D	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4mm 0.15" 11mm/0.43"
SC-SF-2216TM-12D SC-SF-2216TM-12D	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	97 97	68 68	6mm 0.23" 12mm/0.47"



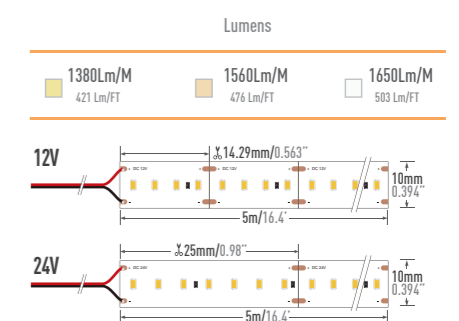
240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216TM-24D SC-2216TM-24D	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	0.9mm 0.04" 8mm/0.31"
SC-2216TMD-24D SC-2216TMD-24D	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	97 97	64 64	2.8mm 0.11" 8mm/0.31"



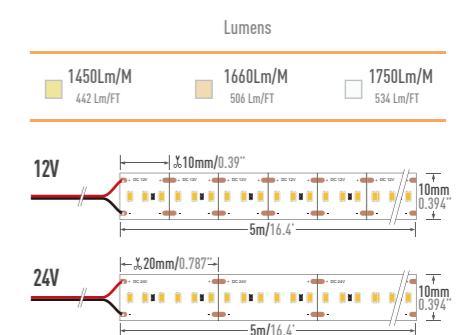
280 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216TM-28D SC-2216TM-28D	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	0.9mm 0.05" 10mm/0.39"



300 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216TM-30D SC-2216TM-30D	24W/M 7.3 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	0.9mm 0.05" 10mm/0.39"



Classic Series



Available colors



SC-2216IB-XX-12&24V

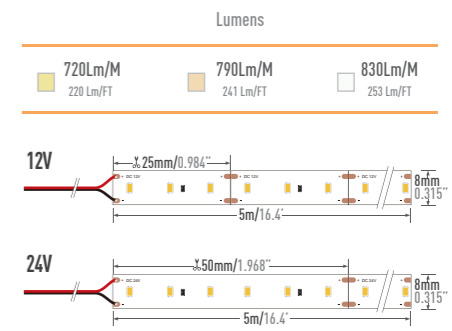
1 SMD Type 2 Color 4 Input Voltage

- 2216 assembled LEDs
- Uniform light, 120pcs per meter and 240 pcs per meter
- One bin for production
- High brightness and high density
- Unique and strong PCB design, can be bent for thousands of times



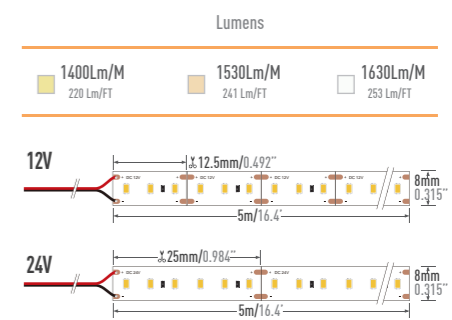
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216IB-XX SC-2216IB-XX	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]
SC-2216IBD-XX SC-2216IBD-XX	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" [8mm/0.31"]
SC-2216IBP-XX SC-2216IBP-XX	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.3mm 0.16" [10mm/0.39"]
SC-2216IBS-XX SC-2216IBS-XX	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.15" [11mm/0.43"]
SC-SF-2216IB-XX SC-SF-2216IB-XX	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90 90	68 68	6mm 0.23" [12mm/0.47"]



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216IB-XX2 SC-2216IB-XX2	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]
SC-2216IBD-XX2 SC-2216IBD-XX2	19.2W/M 5.9 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" [8mm/0.31"]



Classic Series

Single color



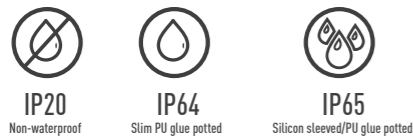
Available colors



SC-2216IB-XX-12&24V

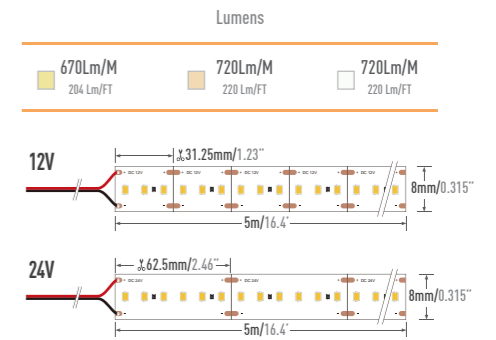
1 SMD Type 2 Color 4 Input Voltage

- 2216 capsulation size LEDs
- CRI90, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance
- Small size LED strip



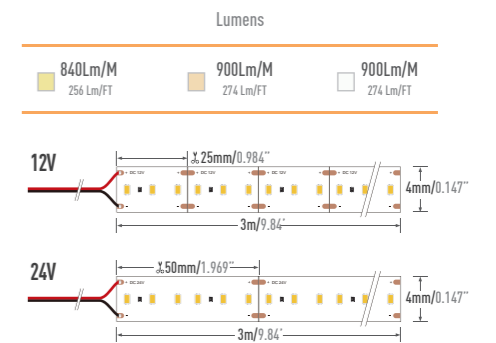
96 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216IB-XX SC-2216IB-XX	7.7W/M 2.4 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]
SC-2216IBD-XX SC-2216IBD-XX	7.7W/M 2.4 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" [8mm/0.31"]
SC-2216IBP-XX SC-2216IBP-XX	7.7W/M 2.4 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.3mm 0.16" [10mm/0.39"]
SC-2216IBS-XX SC-2216IBS-XX	7.7W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.15" [11mm/0.43"]



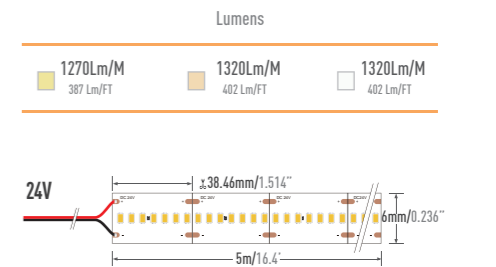
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216IB-XX SC-2216IB-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [4mm/0.147"]



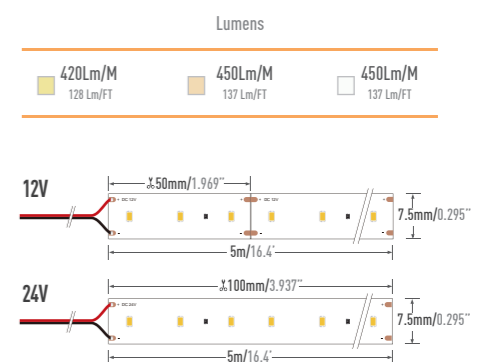
182LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216IB-XX SC-2216IB-XX	12.5W/M 3.84 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [6mm/0.236"]
SC-2216IBD-XX SC-2216IBD-XX	12.5W/M 3.84 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" [6mm/0.236"]
SC-2216IBP-XX SC-2216IBP-XX	12.5W/M 3.84 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.3mm 0.16" [8mm/0.31"]
SC-2216IBS-XX SC-2216IBS-XX	12.5W/M 3.84 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.15" [8mm/0.31"]

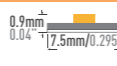
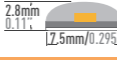




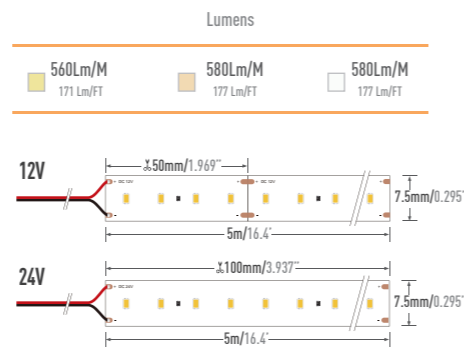
60LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216IB-XX SC-2216IB-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [2.5mm/0.295"]
SC-2216IBD-XX SC-2216IBD-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" [2.5mm/0.295"]
SC-2216IBP-XX SC-2216IBP-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.3mm 0.16" [10mm/0.39"]
SC-2216IBS-XX SC-2216IBS-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.15" [11mm/0.43"]

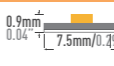
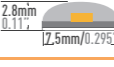




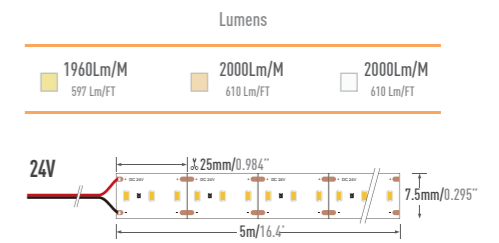
80 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-22161B-XX SC-22161B-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	
SC-22161BD-XX SC-22161BD-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	
SC-22161BP-XX SC-22161BP-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	
SC-22161BS-XX SC-22161BS-XX	4.8W/M 1.44 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	

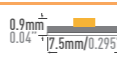
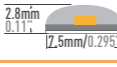




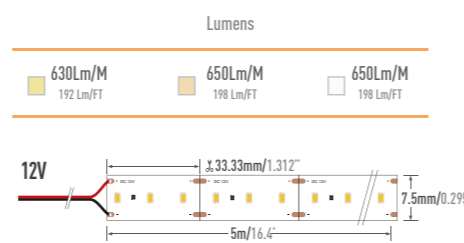
280LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-22161B-XX SC-22161B-XX	21.6W/M 5.76 W/FT	24V 24V	120° 120°	90 90	20 20	
SC-22161BD-XX SC-22161BD-XX	21.6W/M 5.76 W/FT	24V 24V	120° 120°	90 90	64 64	
SC-22161BP-XX SC-22161BP-XX	21.6W/M 5.76 W/FT	24V 24V	120° 120°	90 90	65 65	
SC-22161BS-XX SC-22161BS-XX	21.6W/M 5.76 W/FT	24V 24V	120° 120°	90 90	65 65	

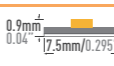
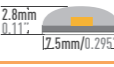




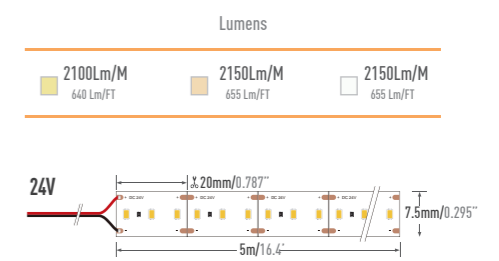
90LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-22161B-XX SC-22161B-XX	7.2W/M 2.16 W/FT	12V 12 V	120° 120°	90 90	20 20	
SC-22161BD-XX SC-22161BD-XX	7.2W/M 2.16 W/FT	12V 12V	120° 120°	90 90	64 64	
SC-22161BP-XX SC-22161BP-XX	7.2W/M 2.16 W/FT	12 V 12V	120° 120°	90 90	65 65	
SC-22161BS-XX SC-22161BS-XX	7.2W/M 2.16 W/FT	12 V 12V	120° 120°	90 90	65 65	

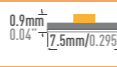


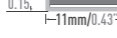


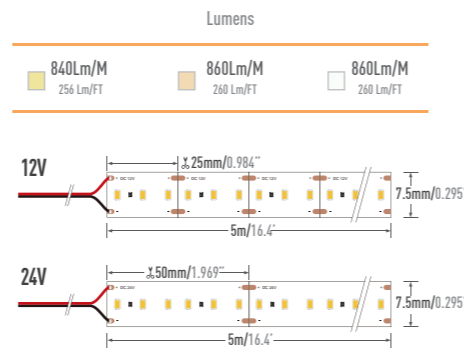
300 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-22161B-XX SC-22161B-XX	24W/M 7.2 W/FT	24V 24V	120° 120°	90 90	20 20	
SC-22161BD-XX SC-22161BD-XX	24W/M 7.2 W/FT	24V 24V	120° 120°	90 90	64 64	
SC-22161BP-XX SC-22161BP-XX	24W/M 7.2 W/FT	24V 24V	120° 120°	90 90	65 65	
SC-22161BS-XX SC-22161BS-XX	24W/M 7.2 W/FT	24V 24V	120° 120°	90 90	65 65	

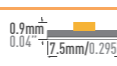
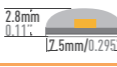




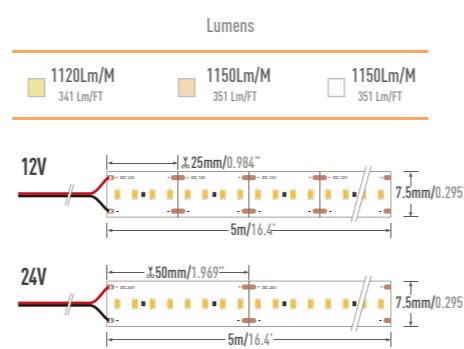
120LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-22161B-XX SC-22161B-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	
SC-22161BD-XX SC-22161BD-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	
SC-22161BP-XX SC-22161BP-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	
SC-22161BS-XX SC-22161BS-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	



160LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-22161B-XX SC-22161B-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	
SC-22161BD-XX SC-22161BD-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	
SC-22161BP-XX SC-22161BP-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	
SC-22161BS-XX SC-22161BS-XX	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	



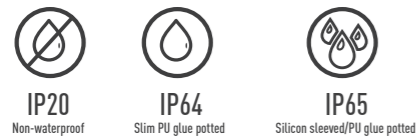
Classic Series

WW+W



SC-2216IB-XX-12&24V

1 SMD Type 2 Color 4 Input Voltage

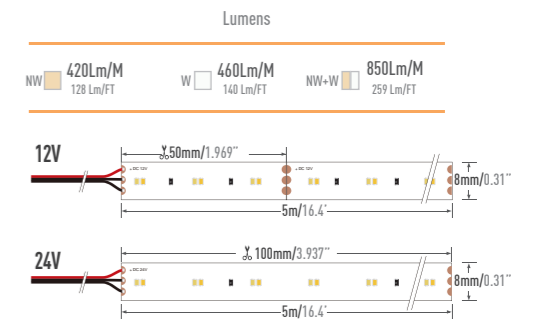


- 2216 capsulation size LEDs
- CRI90, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance
- Small size LED strip
- CCT adjustable



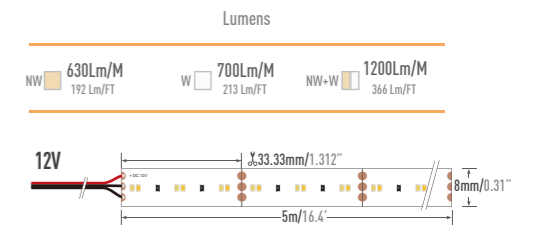
120 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗	SC-2216IB-WW+W SC-2216IB-WW+W	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]
⊙	SC-2216IB-WW+W SC-2216IB-WW+W	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" [8mm/0.31"]
⊕	SC-2216IB-WW+W SC-2216IB-WW+W	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.3mm 0.18" [10mm/0.39"]
⊕	SC-2216IB-WW+W SC-2216IB-WW+W	9.6W/M 2.88 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.15" [11mm/0.43"]



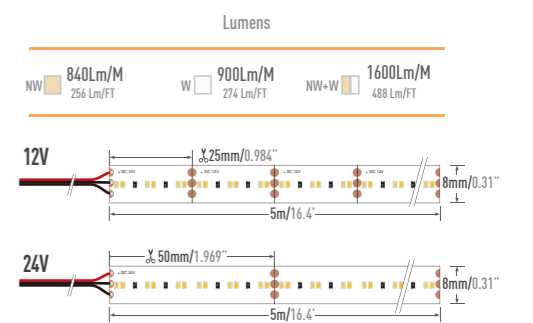
180 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗	SC-2216IB-WW+W SC-2216IB-WW+W	14.4W/M 4.32 W/FT	12V 12 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]
⊙	SC-2216IB-WW+W SC-2216IB-WW+W	14.4W/M 4.32 W/FT	12V 12 V	120° 120°	90 90	64 64	2.8mm 0.11" [8mm/0.31"]
⊕	SC-2216IB-WW+W SC-2216IB-WW+W	14.4W/M 4.32 W/FT	12V 12 V	120° 120°	90 90	65 65	4.3mm 0.18" [10mm/0.39"]
⊕	SC-2216IB-WW+W SC-2216IB-WW+W	14.4W/M 4.32 W/FT	12V 12 V	120° 120°	90 90	65 65	4mm 0.15" [11mm/0.43"]



240 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗	SC-2216IB-WW+W SC-2216IB-WW+W	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]
⊙	SC-2216IB-WW+W SC-2216IB-WW+W	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" [8mm/0.31"]
⊕	SC-2216IB-WW+W SC-2216IB-WW+W	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.3mm 0.18" [10mm/0.39"]
⊕	SC-2216IB-WW+W SC-2216IB-WW+W	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.15" [11mm/0.43"]



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Constant Current Series NEW



Available colors



Number of LEDs per Group: 2
 Input Voltage: 24V
 SMD Type: XD
 Color: XW
SC-2216-XD-XW-24V-HL

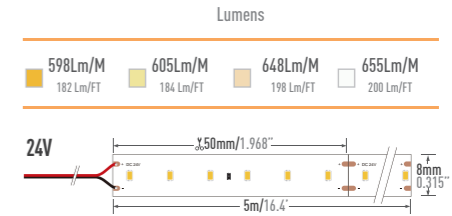


- Same brightness from head to the end for the whole 15M strip, with a single driver run
- LEDs work in constant current environment, longer lifespan
- 120LEDs/m, 240LEDs/m optional
- LEDs with one BIN system, consistent color, also Ra 90/95 for choice



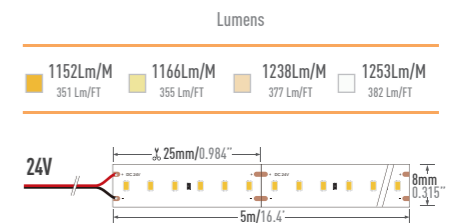
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216-120D SC-2216-120D	7.2W/M 2.19 W/FT	24V 24 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2216-240D SC-2216-240	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	90 90	20 20	0.9mm 0.04" [8mm/0.31"]





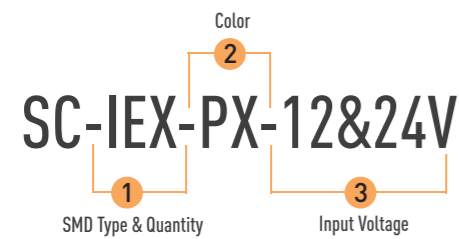
3014 LED STRIP

- 140LM/W Series | P93-94
- SDCM<3 Series | P95-96
- Classic Series | P97-98
- BS Series | P99-102

140LM/W Series



Available colors

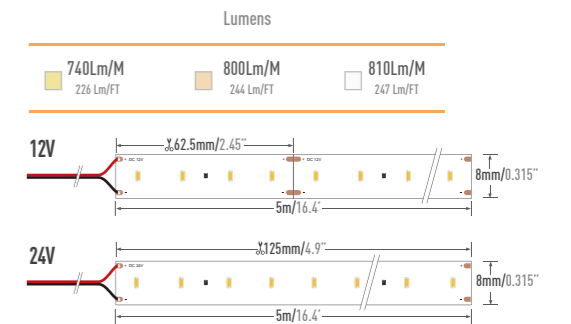


- 140lm/w high efficiency strip
- Cut 4pcs LEDs for 12V DC, cut 8pcs LED s for 24V DV
- Double layer pure copor 3oz PCB
- 3M VHB adhesive tape for easy installation (IE3 with 3M 300LSE tape)
- High brightness 3014 type LED, 120 degree
- Standard 5M on reel for IE and IE2, 3M on reel for IE3
- IE3 series should work with aluminium profile



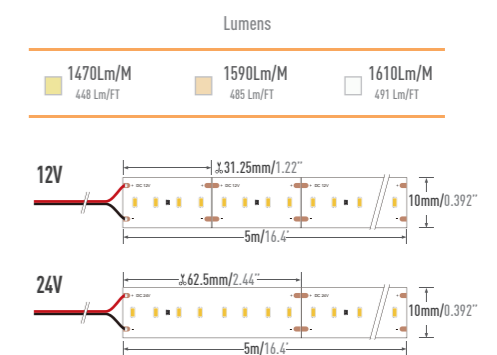
64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-IE-PX SC-IE-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20
SC-IE2-PX SC-IE2-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64
SC-IEP-PX SC-IEP-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65
SC-IES-PX SC-IES-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65
SC-SF-IE-PX SC-SF-IE-PX	5.8W/M 1.77 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	68 68



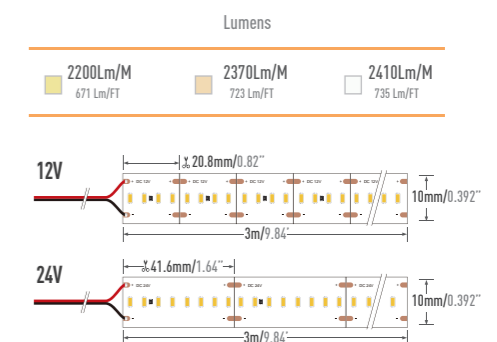
128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-IE2-PX SC-IE2-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20
SC-IE22-PX SC-IE22-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64
SC-IEP2-PX SC-IEP2-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65
SC-IES2-PX SC-IES2-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65
SC-SF-IE2-PX SC-SF-IE2-PX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	68 68



192 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-IE3-PX SC-IE3-PX	17.2W/M 5.24W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20
SC-IE33-PX SC-IE33-PX	17.2W/M 5.24 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64



SDCM<3 Series



Available colors



SC-3014SDX-XX-12&24V

1 SMD Type & SDCM-3 & SMD Quantity

2 Color

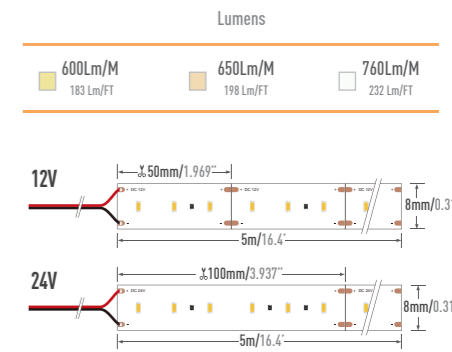
3 Input Voltage

- SDCM<3
- High power and high bright 3014LED
- Two-layer copper 3-ounce PCB boards
- The back of light bar is adhered with 3M tape to facilitate installation
- Standard 5m, on a reel for 3014SD, 3014SD2 and 3m on a reel for 3014SD3
- It is suggested that SD3 be installed in aluminum trough for use



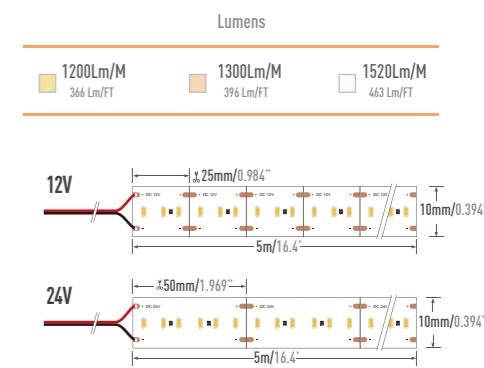
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-3014SD SC-3014SD	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06" 8mm/0.31"
SC-3014SDD SC-3014SDD	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 8mm/0.31"
SC-3014SDS SC-3014SDS	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm 0.18" 10mm/0.39"
SC-3014SDP SC-3014SDP	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 11mm/0.43"
SC-SF-3014SD SC-SF-3014SD	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm 0.23" 12mm/0.47"



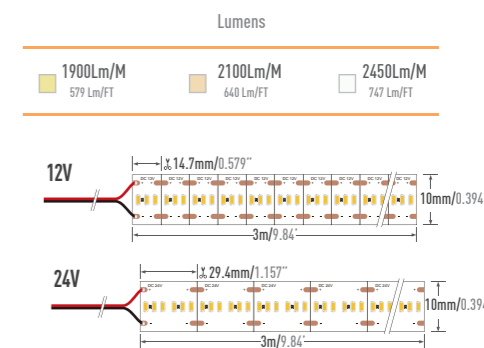
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-3014SD2 SC-3014SD2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06" 10mm/0.39"
SC-3014SDD2 SC-3014SDD2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"
SC-3014SDP2 SC-3014SDP2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-3014SDS2 SC-3014SDS2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.16" 12.5mm/0.49"
SC-SF-3014SD2 SC-SF-3014SD2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm 0.26" 14mm/0.55"



204 LEDs /M

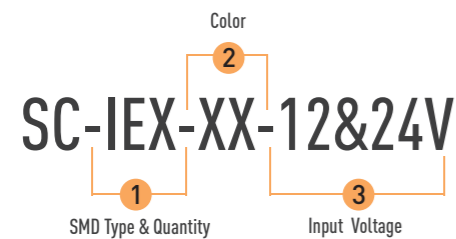
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-3014SD3 SC-2835SD3	24.5W/M 7.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.5mm 0.06" 10mm/0.39"
SC-3014SDD3 SC-2835SDD3	24.5W/M 7.5 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"



Classic Series



Available colors

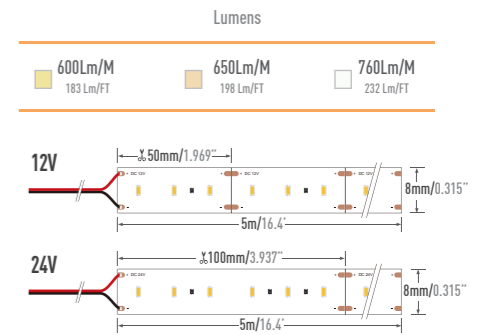


- High power and luminous strip
- Double layer pure copper 2oz PCB
- 3M VHB adhesive tape for easy installation (IE3 with 3M 300LSE tape)
- High brightness 3014 type LED; 120 degree
- Standard 5M on reel for IE and IE2, 3M on reel for IE3
- IE3 series should work with aluminium profile



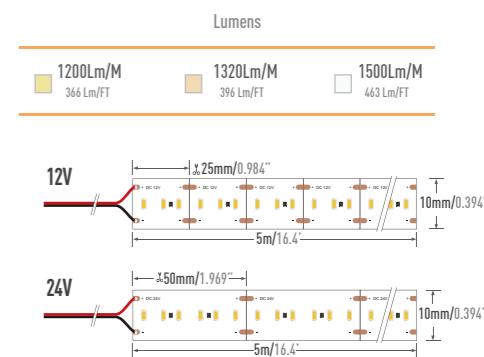
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-IE SC-IE	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	
SC-IED SC-IED	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64	
SC-IEP SC-IEP	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	
SC-IES SC-IES	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	
SC-SF-IE SC-SF-IE	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	68 68	



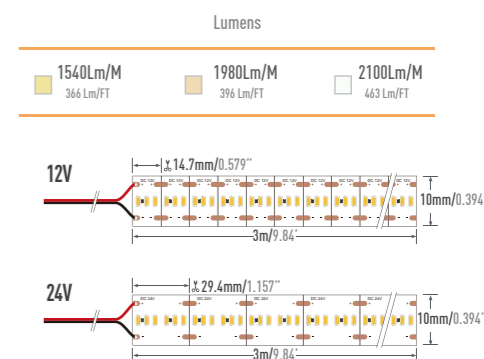
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-IE2 SC-IE2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	
SC-IED2 SC-IED2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64	
SC-IEP2 SC-IEP2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	
SC-IES2 SC-IES2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	65 65	
SC-SF-IE2 SC-SF-IE2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	68 68	



204 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-IE3 SC-IE3	24.5W/M 7.5 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	
SC-IED3 SC-IED3	24.5W/M 7.5 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	64 64	



BS Series

Ordinary series



Available colors



SC-3014BS-XXD-XX-12&24V

1 SMD Type 2 SMD Quantity per Meter 3 Color 4 Input Voltage



IP20
Non-waterproof



IP64
Slim PU glue potted



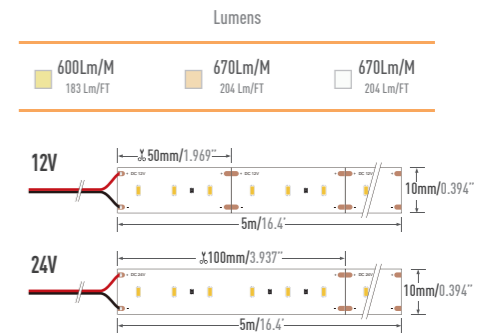
IP65
Silicon sleeved/PU glue potted

- 3014 capsulation size LEDs, SDCM<3, high light color
- consistency
- 1oz copper foil thickness on the front, 1oz on the back, goog heat dissipation, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance



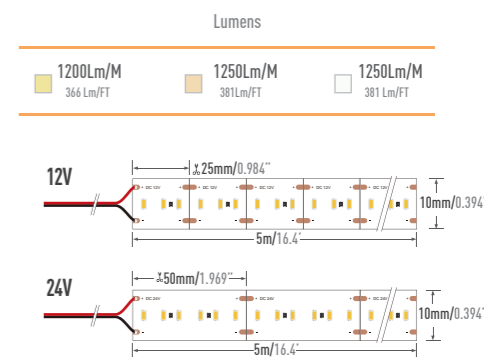
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-3014BS SC-3014BS	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	
SC-3014BS SC-3014BS	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	
SC-3014BS SC-3014BS	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	
SC-3014BS SC-3014BS	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	



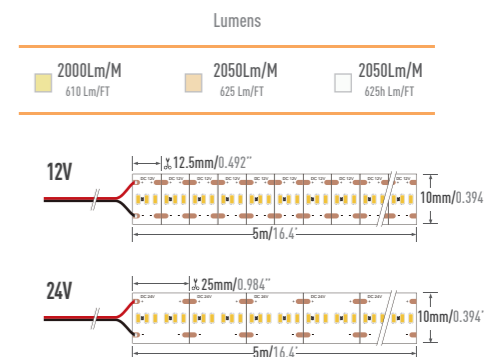
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-3014BS SC-3014BS	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	
SC-3014BS SC-3014BS	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	
SC-3014BS SC-3014BS	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	
SC-3014BS SC-3014BS	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	



BS Series

Highbright series



Available colors



SC-3014BS-XXD-XX-12&24V

1 SMD Type 2 SMD Quantity per Meter 3 Color 4 Input Voltage



IP20
Non-waterproof



IP64
Slim PU glue potted



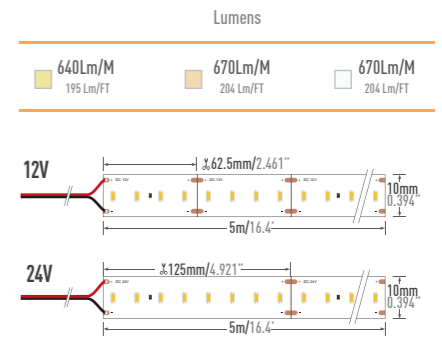
IP65
Silicon sleeved/PU glue potted

- 3014 capsulation size LEDs, SDCM<3, high light color consistency
- 1oz copper foil thickness on the front, 1oz on the back, goog heat dissipation, low light decay, high lifespan
- High quality LEDs
- Unique back hollow PCB, high folding resistance
-



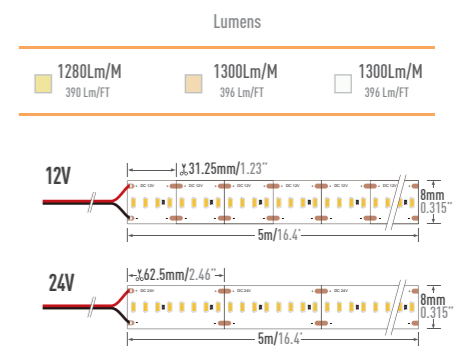
64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-3014BS SC-3014BS	5.76W/M 1.8 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	1.5mm 0.06" 10mm/0.39"
SC-3014BS SC-3014BS	5.76W/M 1.8 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" 10mm/0.39"
SC-3014BS SC-3014BS	5.76W/M 1.8 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-3014BS SC-3014BS	5.76W/M 1.8 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.16" 12.5mm/0.49"



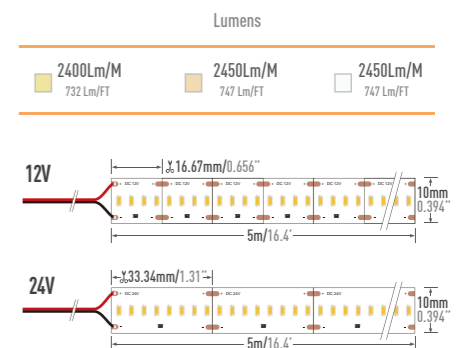
128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-3014BS SC-3014BS	10.8W/M 3.6 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	1.5mm 0.06" 8mm/0.31"
SC-3014BS SC-3014BS	10.8W/M 3.6 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" 8mm/0.31"
SC-3014BS SC-3014BS	10.8W/M 3.6 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.3mm 0.18" 10mm/0.39"
SC-3014BS SC-3014BS	10.8W/M 3.6 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.16" 11mm/0.43"



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	20 20	1.5mm 0.06" 10mm/0.39"
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	64 64	2.8mm 0.11" 10mm/0.39"
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4.6mm 0.18" 12.5mm/0.49"
SC-3014BS SC-3014BS	19.2W/M 5.76 W/FT	12/24V 12/24 V	120° 120°	90 90	65 65	4mm 0.16" 12.5mm/0.49"





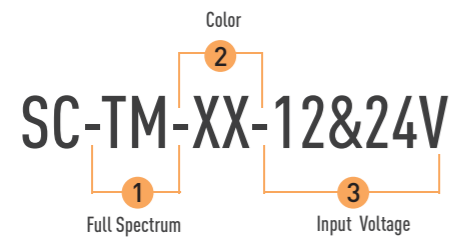
3528 LED STRIP

- Full Spectrum Series | P105-106
- CRI 90/95 Series | P107-108
- Classic Series | P109-110
- Constant Current Series | P111-112

Full Spectrum Series



Available colors

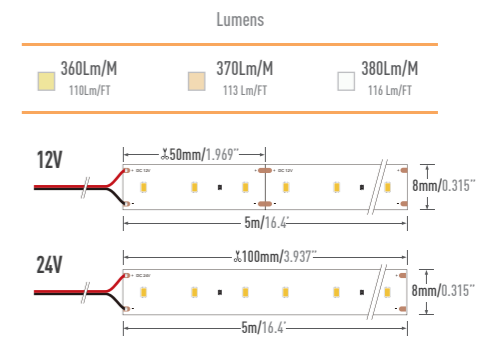


- Full spectrum
- 3528 assembled LEDs
- CRI>97, conform to TM-30-15 standard
- Rg >100, High saturation
- Rf is close to 100, high reducibility
- Can be cut to meet requirements of different length



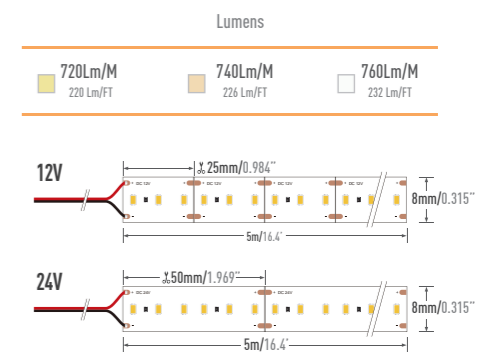
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-TM-XX SC-TM-XX	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	2.2mm 0.09" 8mm/0.31"
SC-TMD-XX SC-TMD-XX	4.8W/M 1.5W/FT	12/24V 12/24 V	120° 120°	97 97	64 64	2.8mm 0.11" 8mm/0.31"
SC-TMP-XX SC-TMP-XX	4.8W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4.3mm 0.18" 10mm/0.39"
SC-TMS-XX SC-TMS-XX	4.8W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4mm 0.15" 11mm/0.43"
SC-SF-TM-XX SC-SF-TM-XX	4.8W/M 1.5W/FT	12/24V 12/24 V	120° 120°	97 97	68 68	6mm 0.23" 12mm/0.47"



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-TM-XX2 SC-TM-XX2	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	97 97	20 20	2.2mm 0.09" 8mm/0.31"
SC-TMD-XX2 SC-TMD-XX2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	97 97	64 64	2.8mm 0.11" 8mm/0.31"
SC-TMP-XX2 SC-TMP-XX2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4.3mm 0.18" 10mm/0.39"
SC-TMS-XX2 SC-TMS-XX2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	97 97	65 65	4mm 0.15" 11mm/0.43"
SC-SF-TM-XX2 SC-SF-TM-XX2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	97 97	68 68	6mm 0.23" 12mm/0.47"



CRI 90/95 Series



Available colors



Color & CRI
SC-EP3528-XX/95-12&24V

1 SMD Type

3 Input Voltage

- 3528 assembled LEDs
- High CRI, 90 or 95
- Epistar chips, big chips with high output
- 3M adhesive tape for easy installation
- 120 degree
- Standard 5M on reel



IP20
Non-waterproof



IP64
Slim PU glue potted



IP65
Silicon sleeved/PU glue potted

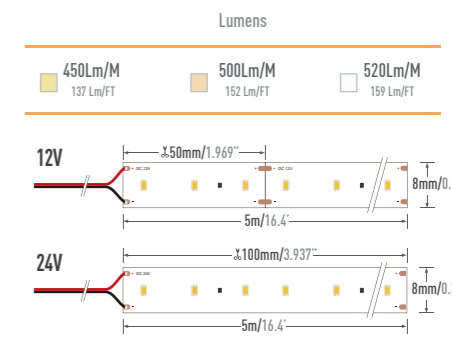


IP68
Silicon extrusion and glued



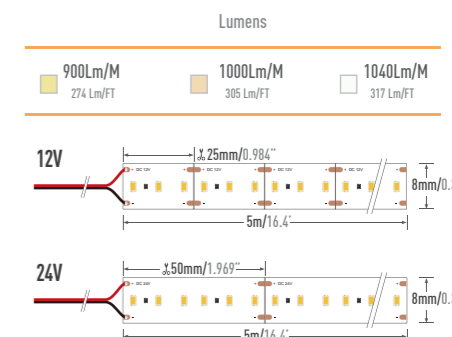
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-EP3528-XX/95 SC-EP3528-XX/95	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	20 20	2.2mm 0.09" 8mm/0.31"
SC-EPD3528-XX/95 SC-EPD3528-XX/95	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	64 64	2.8mm 0.11" 8mm/0.31"
SC-EPP3528-XX/95 SC-EPP3528-XX/95	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4.3mm 0.18" 10mm/0.39"
SC-EPS3528-XX/95 SC-EPS3528-XX/95	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4mm 0.15" 11mm/0.43"
SC-SF-EP3528-XX/95 SC-SF-EP3528-XX/95	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	68 68	6mm 0.23" 12mm/0.47"



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-EP3528-XX2/95 SC-EP3528-XX2/95	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	20 20	2.2mm 0.09" 8mm/0.31"
SC-EPD3528-XX2/95 SC-EPD3528-XX2/95	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	64 64	2.8mm 0.11" 8mm/0.31"
SC-EPP3528-XX2/95 SC-EPP3528-XX2/95	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4.3mm 0.18" 10mm/0.39"
SC-EPS3528-XX2/95 SC-EPS3528-XX2/95	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4mm 0.15" 11mm/0.43"
SC-SF-EP3528-XX2/95 SC-SF-EP3528-XX2/95	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	68 68	6mm 0.23" 12mm/0.47"

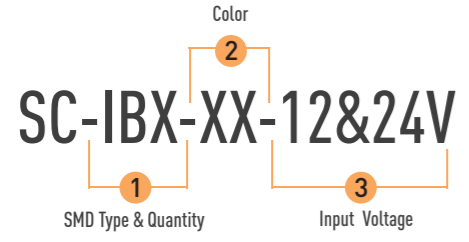


Classic Series



Available colors

WW	NW	W	R	G	B	Y
----	----	---	---	---	---	---



- Classic 3528 flexible strip
- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- 120 degree
- Standard 5m on reel

IP20 Non-waterproof	IP64 Slim PU glue potted	IP65 Silicon sleeved/PU glue potted	IP68 Silicon extrusion and glued

--	--	--	--	--	--

60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-IB2-X SC-IB2-X	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	2.2mm 0.09" 8mm/0.31"
SC-IBD2-X SC-IBD2-X	4.8W/M 1.5W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 8mm/0.31"
SC-IBP2-X SC-IBP2-X	4.8W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm 0.18" 10mm/0.39"
SC-IBS2-X SC-IBS2-X	4.8W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 11mm/0.43"
SC-SF-IB2-X SC-SF-IB2-X	4.8W/M 1.5W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm 0.23" 12mm/0.47"

Lumens

360Lm/M 110Lm/FT	370Lm/M 113 Lm/FT	380Lm/M 116 Lm/FT
---------------------	----------------------	----------------------

12V 1.50mm/1.969" 8mm/0.315"

24V 1.100mm/3.937" 8mm/0.315"

120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-IB2-X2 SC-IB2-X2	9.6W/M 2.9 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	2.2mm 0.09" 8mm/0.31"
SC-IBD2-X2 SC-IBD2-X2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 8mm/0.31"
SC-IBP2-X2 SC-IBP2-X2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.3mm 0.18" 10mm/0.39"
SC-IBS2-X2 SC-IBS2-X2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.15" 11mm/0.43"
SC-SF-IB2-X2 SC-SF-IB2-X2	9.6W/M 2.9W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6mm 0.23" 12mm/0.47"

Lumens

720Lm/M 220 Lm/FT	740Lm/M 226 Lm/FT	760Lm/M 232 Lm/FT
----------------------	----------------------	----------------------

12V 1.25mm/0.984" 8mm/0.315"

24V 1.50mm/1.969" 8mm/0.315"

Constant Current Series



Available colors



Series Name: SC-3528-C-120D-XX-24V

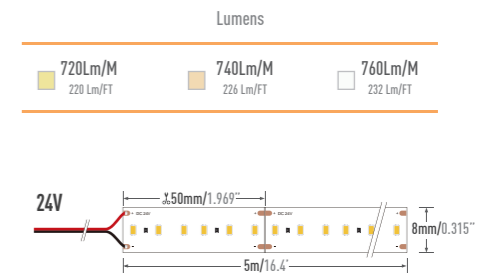
1 SMD Type 2 SMD Quantity per Meter 3 Color 4 Input Voltage

- Single-ended power supply, length up to 15 meters, 9.6w/m
- 1oz copper foil thickness on the front, 3oz on the back, good heat dissipation, low light decay, long lifespan
- High quality LEDs
- 8MM wide



120 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗	SC-3528-C SC-3528-C	9.6W/M 2.9 W/FT	24V 24 V	120° 120°	80/90 80/90	20 20	2.2mm 0.09" → 8mm/0.31" →
⊙	SC-3528-C SC-3528-C	9.6W/M 2.9W/FT	24V 24 V	120° 120°	80/90 80/90	64 64	2.8mm 0.11" → 8mm/0.31" →
⊗	SC-3528-C SC-3528-C	9.6W/M 2.9W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	5mm 0.20" → 10mm/0.39" →
⊗	SC-3528-C SC-3528-C	9.6W/M 2.9W/FT	24V 24 V	120° 120°	80/90 80/90	65 65	4mm 0.15" → 11mm/0.43" →



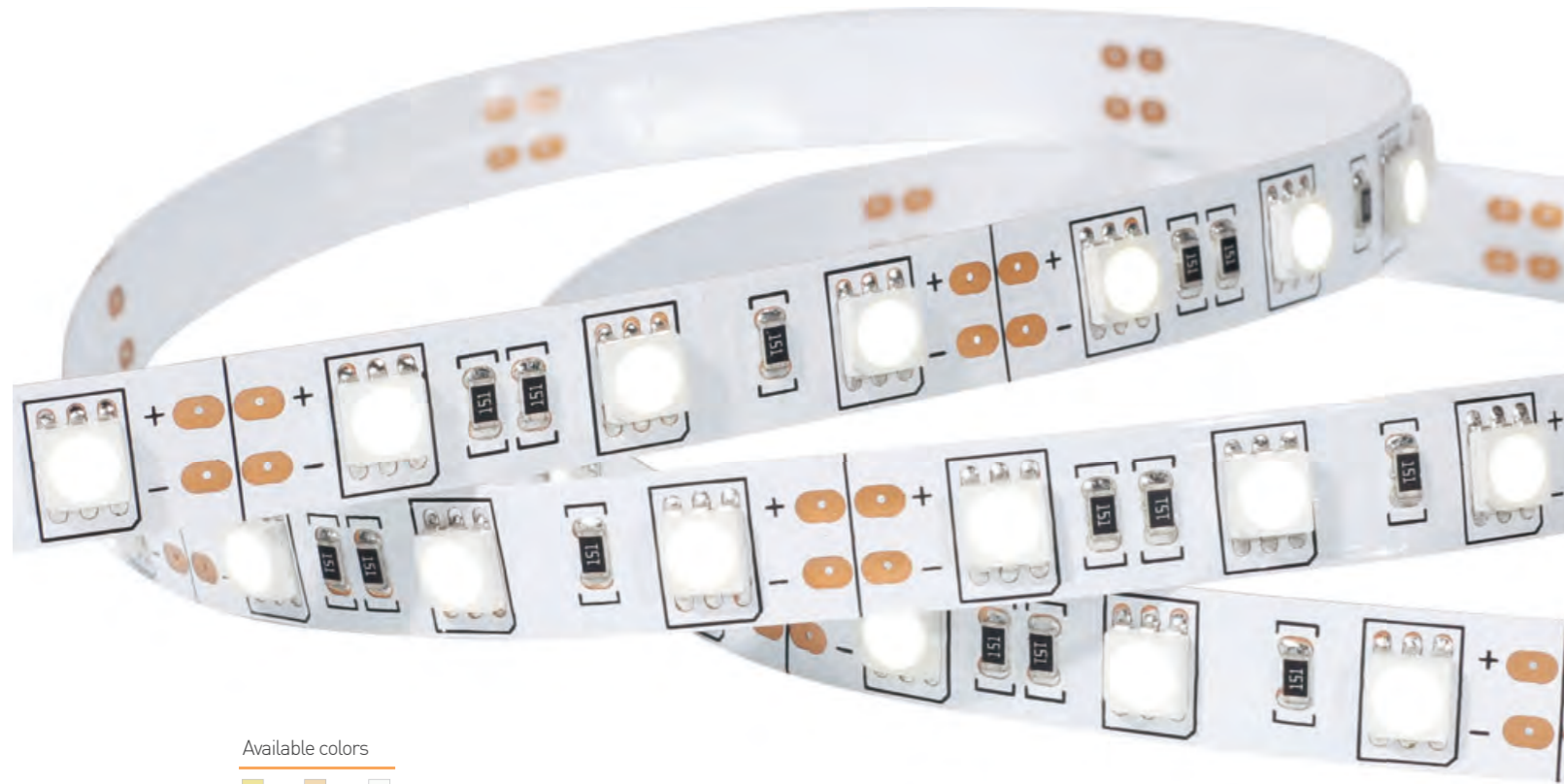


5050 LED STRIP

CRI 90/95 Series | P115-116

Classic Series | P117-118

CRI 90/95 Series

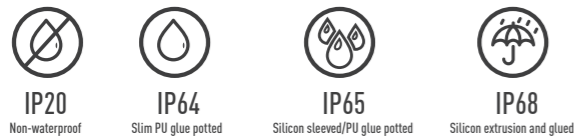


Available colors



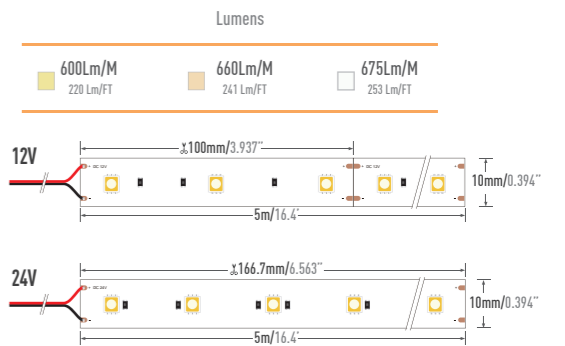
Color & CRI
SC-EP5050-XX/95-12&24V
 1 SMD Type 2 3 Input Voltage

- 5050 assembled LEDs
- High CRI, 90 or 95
- Epistar chips, big chips with high output
- 3M adhesive tape for easy installation
- 120 degree
- Standard 5M on reel



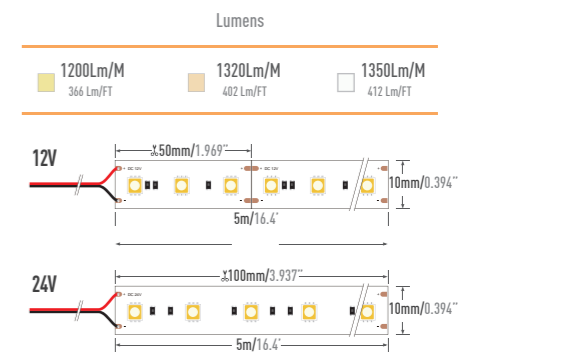
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-EP5050-XX/95 SC-EP5050-XX/95	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	20 20	2mm 0.08" ±10mm/0.39"
SC-EPD5050-XX/95 SC-EP5050-XX/95	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	64 64	2.8mm 0.11" ±10mm/0.39"
SC-EPP5050-XX/95 SC-EPP5050-XX/95	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4.6mm 0.18" ±2.5mm/0.49"
SC-EPS5050-XX/95 SC-EPS5050-XX/95	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4mm 0.16" ±2.5mm/0.49"
SC-SF-EP5050-XX/95 SC-SF-EP5050-XX/95	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	68 68	6.5mm 0.26" ±14mm/0.55"



60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-EP5050-XX2/95 SC-EP5050-XX2/95	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	20 20	2mm 0.08" ±10mm/0.39"
SC-EPD5050-XX2/95 SC-EP5050-XX2/95	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	64 64	2.8mm 0.11" ±10mm/0.39"
SC-EPP5050-XX2/95 SC-EPP5050-XX2/95	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4.6mm 0.18" ±2.5mm/0.49"
SC-EPS5050-XX2/95 SC-EPS5050-XX2/95	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	65 65	4mm 0.16" ±2.5mm/0.49"
SC-SF-EP5050-XX2/95 SC-SF-EP5050-XX2/95	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	90/95 90/95	68 68	6.5mm 0.26" ±14mm/0.55"

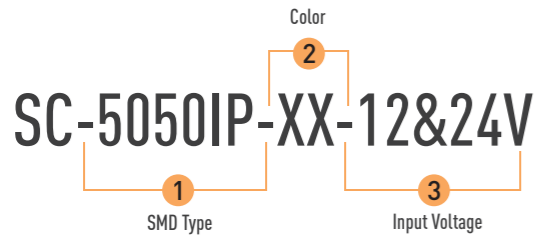


Classic Series



Available colors

WW	NW	W	R	G	B	Y
----	----	---	---	---	---	---



- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- T or L type connectors for corner connection
- Max connection length is 10m/32.81FT, 120 degree
- Standard 5M on reel

IP20 Non-waterproof	IP64 Slim PU glue potted	IP65 Silicon sleeved/PU glue potted	IP68 Silicon extrusion and glued
------------------------	-----------------------------	--	-------------------------------------

--	--	--	--	--	--

30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-5050IP-XX SC-5050IP-X	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	2mm 0.08" 10mm/0.39"
SC-5050IPD-XX SC-5050IPD-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"
SC-5050IPP-XX SC-5050IPP-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm 0.18" 2.5mm/0.49"
SC-5050IPS-XX SC-5050IPS-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.16" 2.5mm/0.49"
SC-SF-5050IP-XX SC-SF-5050IP-XX	7.2W/M 2.2 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm 0.26" 14mm/0.55"

Lumens

600Lm/M 183 Lm/FT	640Lm/M 195 Lm/FT	650Lm/M 198 Lm/FT
----------------------	----------------------	----------------------

12V: ±100mm/3.937" | 5m/16.4' | 10mm/0.394"

24V: ±166.7mm/6.563" | 5m/16.4' | 10mm/0.394"

60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-5050IP-XX2 SC-5050IP-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	2mm 0.08" 10mm/0.39"
SC-5050IPD-XX2 SC-5050IPD-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	64 64	2.8mm 0.11" 10mm/0.39"
SC-5050IPP-XX2 SC-5050IPP-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4.6mm 0.18" 2.5mm/0.49"
SC-5050IPS-XX2 SC-5050IPS-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65	4mm 0.16" 2.5mm/0.49"
SC-SF-5050IP-XX2 SC-SF-5050IP-XX2	14.4W/M 4.4 W/FT	12/24V 12/24 V	120° 120°	80 80	68 68	6.5mm 0.26" 14mm/0.55"

Lumens

1260Lm/M 384 Lm/FT	1380Lm/M 421 Lm/FT	1400Lm/M 427 Lm/FT
-----------------------	-----------------------	-----------------------

12V: ±50mm/1.969" | 5m/16.4' | 10mm/0.394"

24V: ±100mm/3.937" | 5m/16.4' | 10mm/0.394"

2835 Series

RGB Series

Built-in IC Series

2110 & 21016 Series

3014 Series

3528 Series

5050 Series

Special Strip

COB Strip

Neon Flex

Rigid Strip

Strip Kits



SPECIAL LED STRIP

Mini Cutting Series	P121-122
OLOC Series (SMD2835)	P123-124
OLOC Series (SMD2216)	P125-126
ENIG PCB Series	P127-128
S-type Series (SMD3528)	P129-130
S-type Series (SMD2835)	P131-132
Side-view Series	P133-134
Super Slim Series	P135-136
Adjustable Series	P137-138
Stepless Dimming Series	P139-140
Sign Backlight Series	P141-142
48V RGBW MAGIC Series	P143-144

Mini Cutting Series



Available colors



SMD Quantity per Meter

SC-2835IM-125D-12/24V

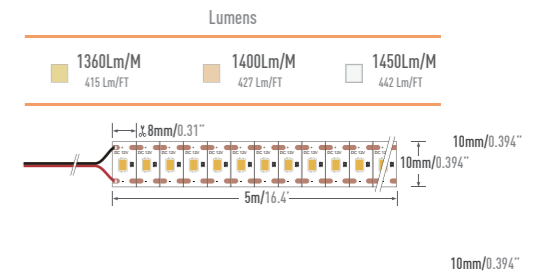
1 SMD Type 2 3 Input Voltage

- Cut every one or two LEDs
- Short length can also meet customer needs
- 12V or 24V DC
- 2835 assembled LEDs



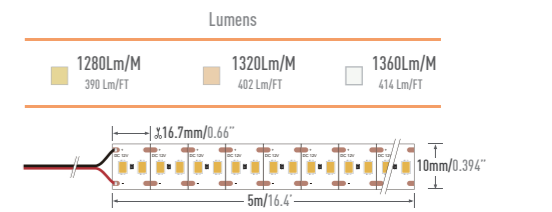
1 LED Cut

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-2835IM-125D-12V SC-2835IM-125D-12V	15W/M 4.57 W/FT	12V 12V	120° 120°	80 80	20 20



2 LEDs Cut

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-2835IM-120D-24V SC-2835IM-120D-24V	14.4W/M 4.39 W/FT	24V 24V	120° 120°	80 80	20 20

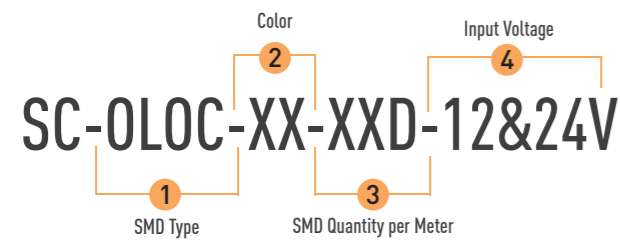


OLOC Series

2835 Series



Available colors

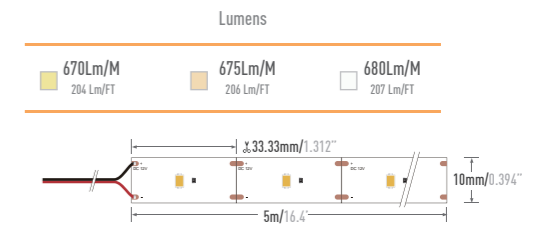


- Optional cutting length, easy to match a variety of mounting sizes
- Can be widely used in indoor cabinet and exhibition hall lighting
- A variety of color temperature and power optional



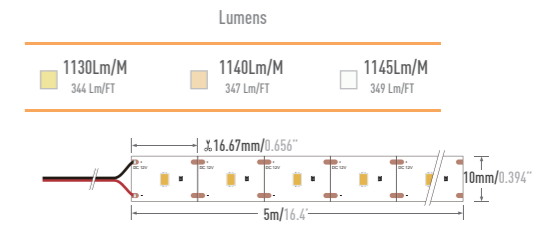
30 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-OLOC SC-OLOC	6W/M 1.8 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20



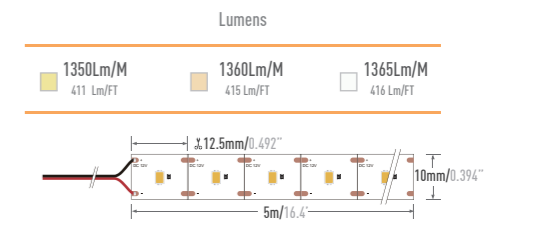
60 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-OLOC SC-OLOC	10W/M 3.0 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20



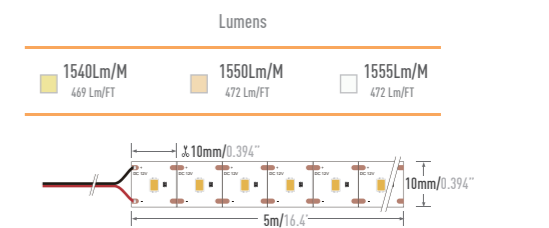
80 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-OLOC SC-OLOC	12W/M 3.7 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20



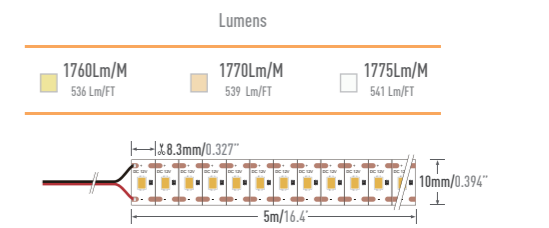
100 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-OLOC SC-OLOC	14W/M 4.3 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20



120 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-OLOC SC-OLOC	16W/M 4.9 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20



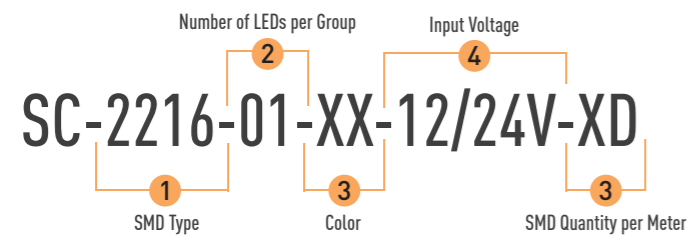
2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

OLOC Series NEW

2216 Series



Available colors

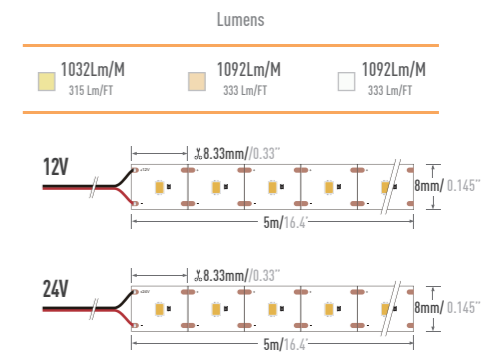


- Optional cutting length, easy to match a variety of mounting sizes
- Can be widely used in indoor cabinet and exhibition hall lighting
- A variety of color temperature and power optional



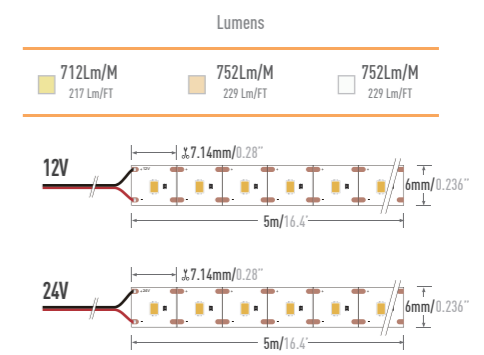
120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-2216-01	12W/M	12/24V	120°	90	20	
SC-2216-01	12W/M	12/24V	120°	90	64	
SC-2216-01	12W/M	12/24V	120°	90	65	
SC-2216-01	12W/M	12/24V	120°	90	65	
SC-2216-01	12W/M	12/24V	120°	90	68	



140 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-2216-01	8W/M	12/24V	120°	90	20	
SC-2216-01	8W/M	12/24V	120°	90	64	
SC-2216-01	8W/M	12/24V	120°	90	65	
SC-2216-01	8W/M	12/24V	120°	90	65	



ENIG PCB Series



Available colors



ENIG PCB & Color

SC-2835-GPXX-12&24V

1 SMD Type 2 3 Input Voltage

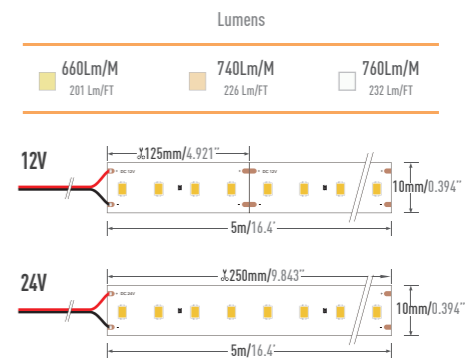


- PCB adopts ENIG technique
- Bonding pad is not easy to be oxidized, corroded and fall off
- Easy to be soldered, won't result in poor soldering
- Beautiful appearance
- Longer storage time of LED strip
- 2835 assembled LEDs
- Can be cut to meet requirements of different length



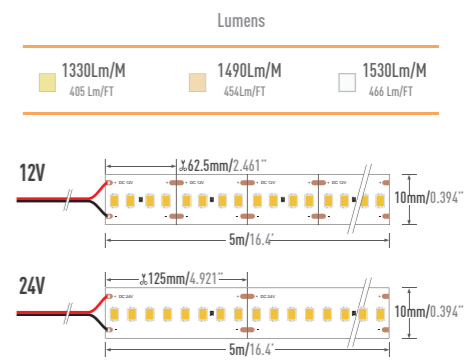
32 LEDs/M

Model	Rated Watt	DC Voltage	Beam angle	CRI	IP Rating	
SC-2835-GPX SC-2835-GPX	5.8W/M 1.8 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" ±10mm/0.39"



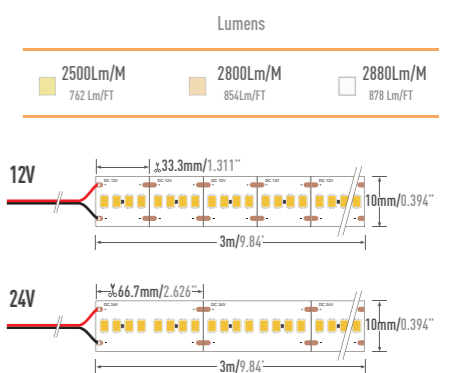
64 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835-GPX2 SC-2835-GPX	11.5W/M 3.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" ±10mm/0.39"



120 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835-GPX3 SC-2835-GPX	21.6W/M 6.6 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20	1.1mm 0.04" ±10mm/0.39"



S-type Series

3528 Series



Available colors



Series Name: **SC-IS-XX-6mm-12&24V**

1: Series Name, 2: Color, 3: PCB Width, 4: Input Voltage

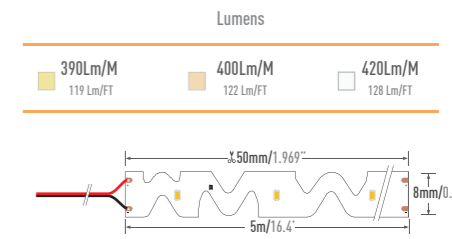


- Wavy LED strip, ideal for signages; advertising boxes, niches, letters, etc
- Customized 3M tape for easy installation
- Can be 180 degree bent
- 6mm or 8mm width PCB
- High brightness 3528 LED
- Packed 5m on reel



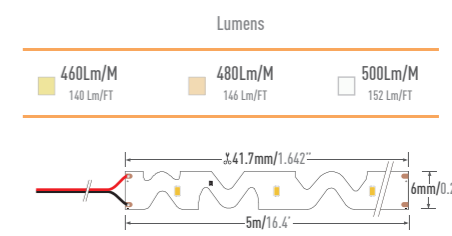
8mm(0.31") Width

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-IS-X-8mm SC-IS-X-8mm	4.8W/M 1.5 W/FT	12/24V 12/24V	120° 120°	80/90 80/90	20 20	2.2mm ⁺ 0.09" ⁺ 8mm/0.31"



6mm(0.24") Width

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-IS-X-6mm SC-IS-X-6mm	5.76W/M 1.76W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	2.2mm ⁺ 0.09" ⁺ 6mm/0.24"



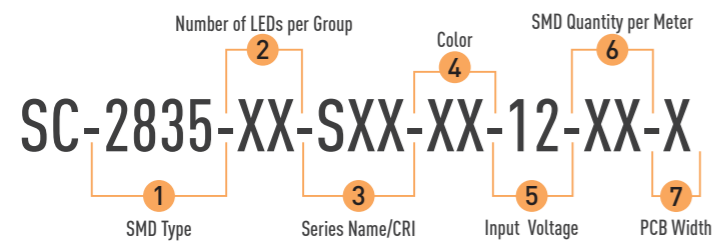
S-type Series



2835 Series



Available colors



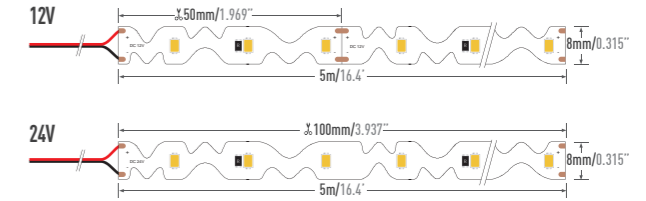
- S-type soft light strip, arbitrary bending to meet your needs for irregular spaces
- Various combinations of 30-120 LEDs available
- High CRI - SMD2835 high brightness LEDs, high CRI, low light attenuation
- Better display of luminous characters
- Bare board non-waterproof and silicone waterproof options available



8mm(0.31") Width

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835-XX SC-2835-XX	14.4W/M 4.39 W/FT	12/24V 12/24V	120° 120°	80/90 80/90	20 20	2.2mm 0.09"

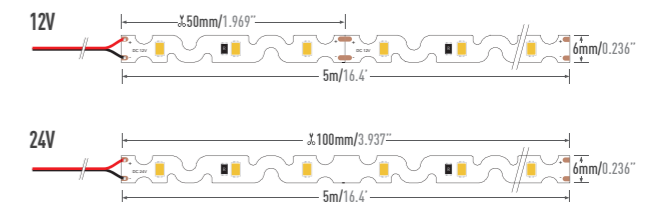
Lumens		
1170Lm/M 357 Lm/FT	1190Lm/M 363 Lm/FT	1200Lm/M 366 Lm/FT



6mm(0.24") Width (60 LEDs / M)

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835-XX SC-2835-XX	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	2.2mm 0.09"

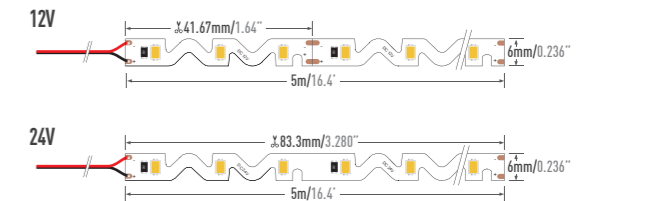
Lumens		
1170Lm/M 357 Lm/FT	1190Lm/M 363 Lm/FT	1200Lm/M 366 Lm/FT



6mm(0.24") Width (72 LEDs / M)

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835-XX SC-2835-XX	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	2.2mm 0.09"

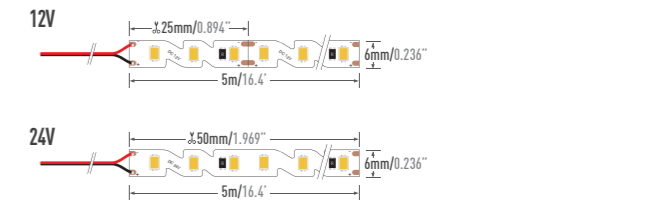
Lumens		
1320Lm/M 402 Lm/FT	1340Lm/M 408 Lm/FT	1350Lm/M 411 Lm/FT



6mm(0.24") Width (140 LEDs / M)

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-2835-XX SC-2835-XX	14.4W/M 4.39 W/FT	12/24V 12/24 V	120° 120°	80/90 80/90	20 20	2.2mm 0.09"

Lumens		
1470Lm/M 448 Lm/FT	1490Lm/M 45 Lm/FT	1500Lm/M 457 Lm/FT



Side-view Series



Available colors



Series Name: **SC-SID-3014-XX-12&24V**

Color: **XX**

SMD Type: **3014**

Input Voltage: **12&24V**

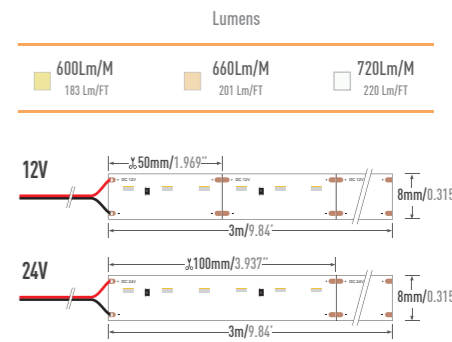


- High power and luminous strip side view strip
- Ideal for letter illumination, advertising boxes, sinages, etc
- 3M adhesive tape for easy installation
- High efficiency 3014 LED, 120 degree
- Packed 3m on reel



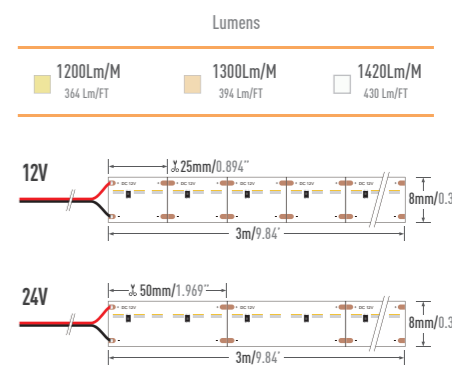
60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-SID-3014 SC-SID-3014	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20
SC-SIDS-3014 SC-SIDS-3014	4.8W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-SID2-3014 SC-SID2-3014	9.6W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	80 80	20 20
SC-SID2S-3014 SC-SID2S-3014	9.6W/M 1.5 W/FT	12/24V 12/24 V	120° 120°	80 80	65 65



Super Slim Series



Available colors



Color
2
SC-ID35-XX-12V
1 Series Name
3 Input Voltage

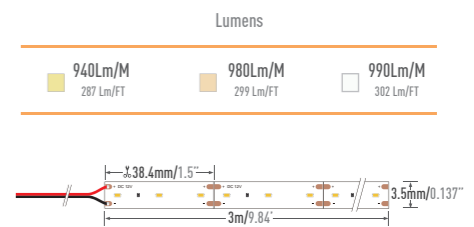


- 3.5mm ultra-slim high brightness flexible strip
- Ideal for advertising boxes, letters, niches signboards, etc
- Double layer pure copper PCB
- 3M adhesive tape for easy installation
- High efficiency 3020 or 3014 LED, 120 degree
- Packed 3m on reel



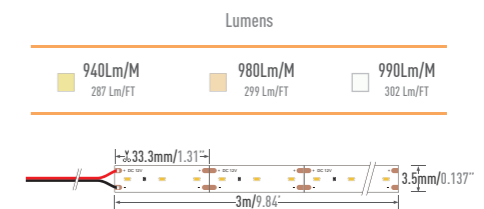
78 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-ID35-X	12.4W/M	12V	120°	80/90	20	
SC-ID35-X	3.8 W/FT	12V	120°	80/90	20	



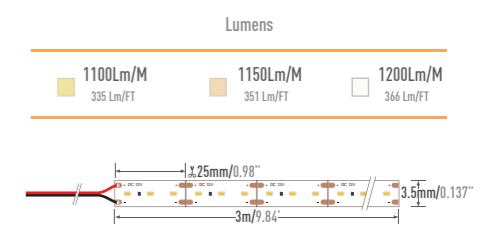
90 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-IE35-90-X	11W/M	12V	120°	80/90	20	
SC-IE35-90-X	3.4 W/FT	12V	120°	80/90	20	



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-IE35-120-X	14.4W/M	12V	120°	80/90	20	
SC-IE35-120-X	4.4 W/FT	12V	120°	80/90	20	



Adjustable Series

Dim to warm/Rhythmic lighting



SC-**2216DTW** / **2835DTW** - **XXD** - **XXXX** - **24V**

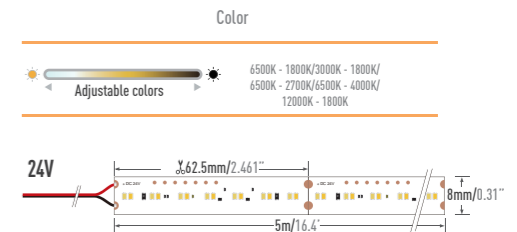
1 SMD Type & Series Name
2 SMD Quantity per Meter
3 Color
4 Input Voltage

- White light full color temperature & brightness stepless adjustable
- Nostalgic warm memories and natural circadian rhythms
- 2216 and 2835 various luminous surfaces with high CRI



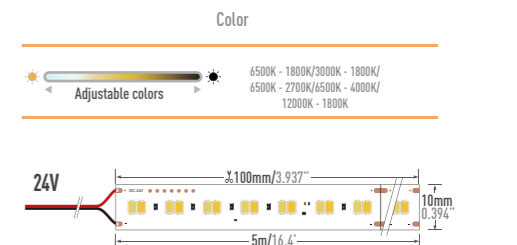
224 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-2216DTW SC-2216DTW	8W/M 2.4 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	20 20
SC-2216DTW SC-2216DTW	8W/M 2.4 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	64 64
SC-2216DTW SC-2216DTW	8W/M 2.4 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65
SC-2216DTW SC-2216DTW	8W/M 2.4 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65



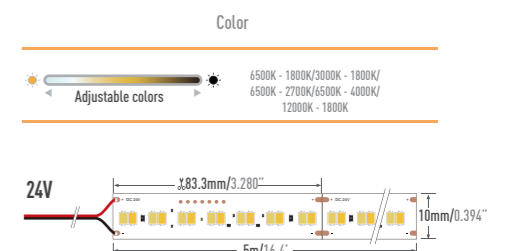
140 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-2835DTW SC-2835DTW	11W/M 3.35 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	20 20
SC-2835DTW SC-2835DTW	11W/M 3.35 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	64 64
SC-2835DTW SC-2835DTW	11W/M 3.35 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65
SC-2835DTW SC-2835DTW	11W/M 3.35 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65



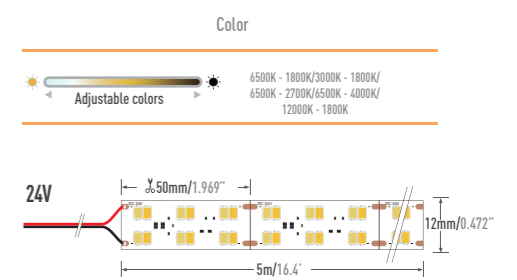
168 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-2835DTW SC-2835DTW	12W/M 3.66 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	20 20
SC-2835DTW SC-2835DTW	12W/M 3.66 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	64 64
SC-2835DTW SC-2835DTW	12W/M 3.66 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65
SC-2835DTW SC-2835DTW	12W/M 3.66 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-2835DTW SC-2835DTW	16W/M 4.88 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	20 20
SC-2835DTW SC-2835DTW	16W/M 4.88 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	64 64
SC-2835DTW SC-2835DTW	16W/M 4.88 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65
SC-2835DTW SC-2835DTW	16W/M 4.88 W/FT	24V 24 V	120° 120°	80/90/95 80/90/95	65 65



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Stepless Dimming Series NEW



Number of LEDs per Group: 2
 Color: 4
 SMD Type: 1
 Series Name: 3
 Beam Angle: 5

SC-ML-0301-DTW-YW-30°

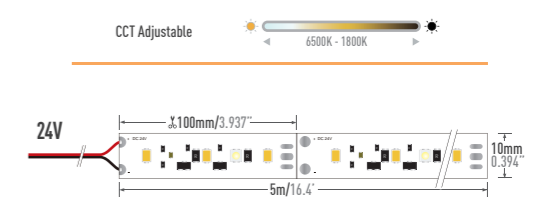


- Stepless dimming, including 1800K-6500K color temperature
- Two modes of leisure atmosphere and active highlight
- The convex ball head LED has an angle that can illuminate a longer distance
- Option of charging terminals to allow for longer connections



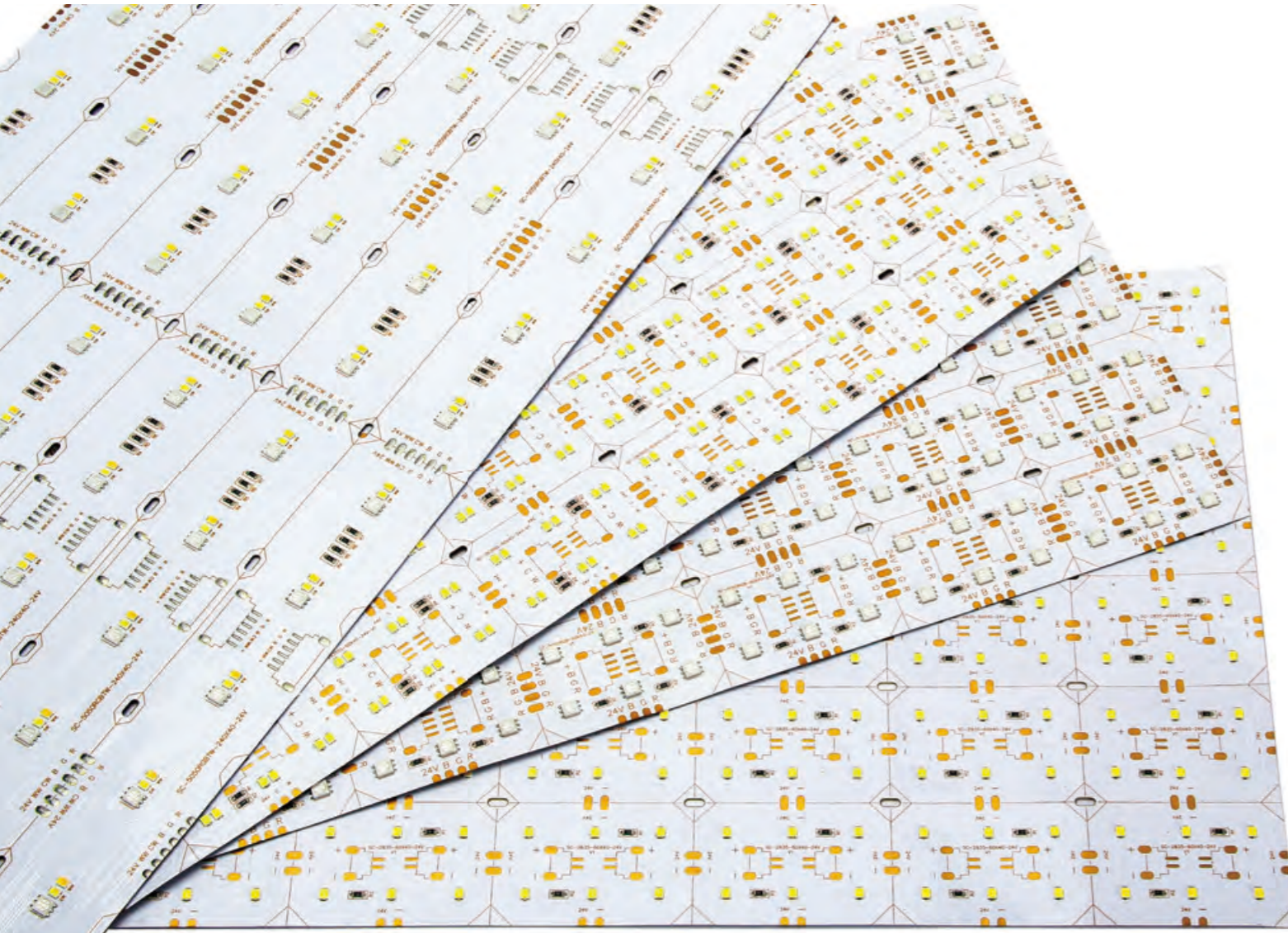
80 LEDs/M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-ML-0301-DTW-30° <small>SC-ML-0301-DTW-30°</small>	9W/M <small>2.74 W/FT</small>	12V <small>12V</small>	30° <small>30°</small>	90 <small>90</small>	20 <small>20</small>
SC-ML-0301-DTW-40° <small>SC-ML-0301-DTW-40°</small>	9W/M <small>2.74 W/FT</small>	12V <small>12V</small>	45° <small>45°</small>	90 <small>90</small>	20 <small>20</small>



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

Sign Backlight Series NEW



Number of LEDs per Group: 2
 Input Voltage: 24
 SMD Quantity per Meter: 5

SC-ML-0618-RGBTW-24-XD-240-480mm

1 SMD Type 3 Color 5 SMD Quantity per Meter

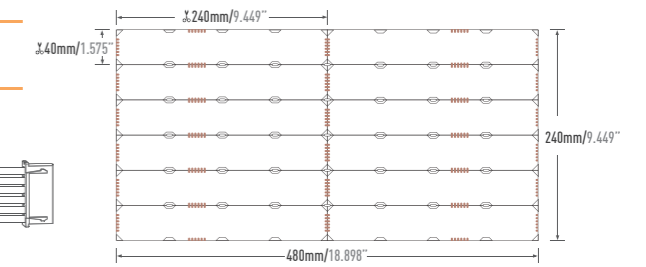
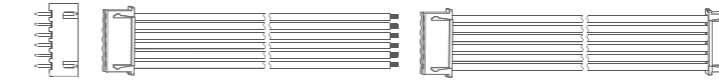


- Modular design, flexible and convenient to use
- Multiple light distribution, diffuse reflection and spotlight module options
- High CRI to restore true colors
- Low heat and power consumption
- More eye-catching visual effects

5050RGB+2835WW+2835CW

Model	LED Qty.	Min. Length	Power	Max. Power for Splicing	DC Voltage	IP Rating
SC-ML-0618-RGBTW	216 LEDs	240*40mm	15W/20W/25W/30W/35W/40W	≤120W	24V	20
SC-ML-0618-RGBTW	216 LEDs	9.45*1.57"		≤120W	24V	20

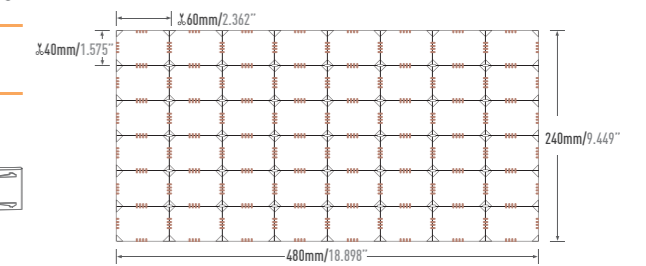
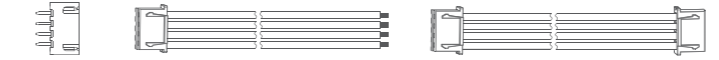
Optional accessories



5050RGB

Model	LED Qty.	Min. Length	Power	Max. Power for Splicing	DC Voltage	IP Rating
SC-ML-0606-RGB	288 LEDs	60*40mm	20W/30W/40W/50W	≤120W	24V	20
SC-ML-0606-RGB	288 LEDs	2.36*1.57"		≤120W	24V	20

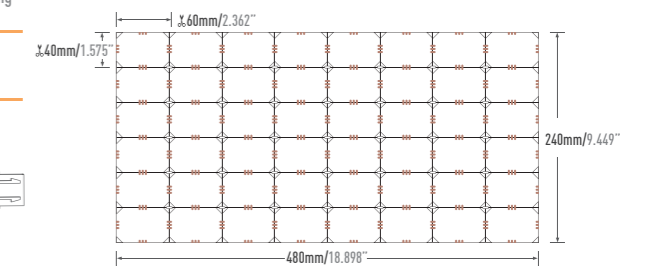
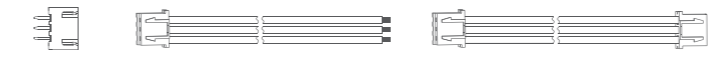
Optional accessories



2835WW+2835CW

Model	LED Qty.	Min. Length	Power	Max. Power for Splicing	DC Voltage	IP Rating
SC-ML-0612-WW+CW	576 LEDs	60*40mm	50W/70W/90W	≤180W	24V	20
SC-ML-0612-WW+CW	576 LEDs	2.36*1.57"	50W/70W/90W	≤180W	24V	20

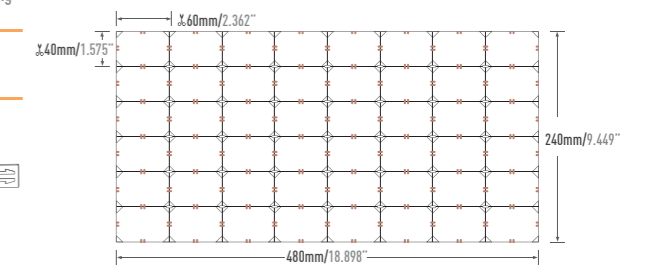
Optional accessories



2835

Model	LED Qty.	Min. Length	Power	Max. Power for Splicing	DC Voltage	IP Rating
SC-ML-0606-WW/CW	288 LEDs	60*40mm	25W/35W/45W	≤180W	24V	20
SC-ML-0606-WW/CW	288 LEDs	2.36*1.57"	25W/35W/45W	≤180W	24V	20

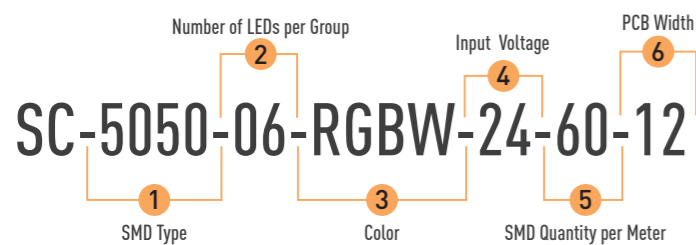
Optional accessories



48V RGBW MAGIC Series NEW



Available colors



- Each unit as a pixel, can be cascaded infinitely
- Single-wire zeroing code communication protocol as the control scheme, simple and convenient to use
- Wide voltage range of DC24-48V
- Single-end power supply can achieve ultra-long length connection



60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	Color	IP Rating
SC-5050RGBW-60D SC-5050RGBW-60D	20W/M 6.1W/FT	48V 48V	120° 120°	RGB+W RGB+W	20 20
SC-5050RGBW-60D SC-5050RGBW-60D	20W/M 6.1W/FT	48V 48V	120° 120°	RGB+W RGB+W	65 65





COB LED STRIP

- Chip-on-FPC Series | P147-150
- TW Series | P151-152
- RGB Series | P153-154
- RGB Magic Series | P155-156
- RGBW/RGBCW Series | P157-158
- Side-emitting Series | P159-160

Chip-on-FPC Series

Single color



- Uniform light, good linearity, high color consistency
- Clean and beautiful board surface
- Various PCB board widths are available to meet different space installation requirements, suitable for various decorative lighting places, especially for high-end display applications

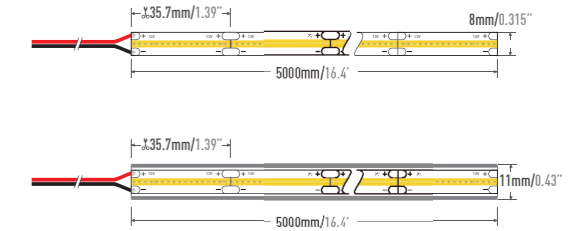
Available colors



100lm/W series

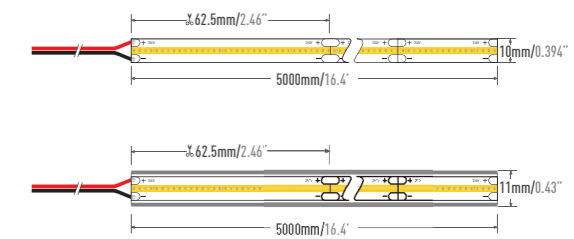
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-504 SC-SFL-504	10W/M 3 W/FT	12V 12 V	120° 120°	90 90	20 20	1.5mm/0.06" 8mm/0.315"
SC-SFLBS-504 SC-SFLBS-504	10W/M 3 W/FT	12V 12 V	120° 120°	90 90	65 65	5mm/0.197" 11mm/0.43"

Lumens			
640Lm/M 194 Lm/FT	780Lm/M 236 Lm/FT	800Lm/M 242 Lm/FT	760Lm/M 230 Lm/FT
520Lm/M 157 Lm/FT	620Lm/M 188 Lm/FT	700Lm/M 212 Lm/FT	660Lm/M 200 Lm/FT



Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-512 SC-SFL-512	10W/M 3 W/FT	24V 24V	120° 120°	90 90	20 20	1.5mm/0.06" 10mm/0.394"
SC-SFLBS-512 SC-SFLBS-512	10W/M 3 W/FT	24V 24V	120° 120°	90 90	65 65	5mm/0.197" 12mm/0.474"

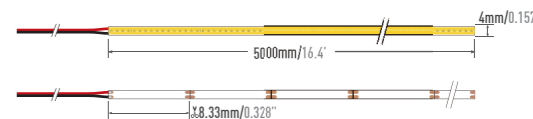
Lumens			
710Lm/M 216 Lm/FT	780Lm/M 238 Lm/FT	910Lm/M 277 Lm/FT	990Lm/M 302 Lm/FT
590Lm/M 180 Lm/FT	740Lm/M 224 Lm/FT	750Lm/M 228 Lm/FT	830Lm/M 251 Lm/FT
			890Lm/M 270 Lm/FT



PCB 4mm (0.157") Series

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-360 SC-SFL-360	4W/M 1.2 W/FT	12V 12 V	160° 160°	90 90	20 20	2.3mm/0.09" 4mm/0.157"

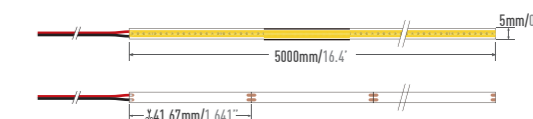
Lumens			
220Lm/M 67 Lm/FT	240Lm/M 73 Lm/FT	260Lm/M 79 Lm/FT	280Lm/M 85 Lm/FT
			280Lm/M 85 Lm/FT



PCB 5mm (0.197") Series

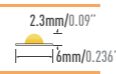
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-384 SC-SFL-384	10W/M 3.05 W/FT	12V 12 V	160° 160°	90 90	20 20	2.3mm/0.09" 5mm/0.197"

Lumens			
850Lm/M 259 Lm/FT	900Lm/M 274 Lm/FT	950Lm/M 290 Lm/FT	1100Lm/M 335 Lm/FT
			900Lm/M 274 Lm/FT

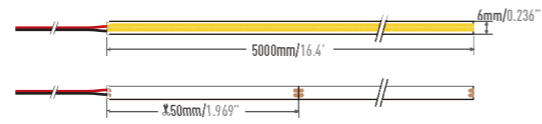


2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits


PCB 6mm (0.236") Series

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-480 SC-SFL-480	6W/M 1.8 W/FT	24V 24 V	160° 160°	90 90	20 20	

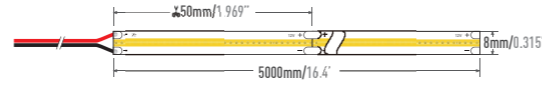
Lumens				
510Lm/M 155 Lm/FT	540Lm/M 165 Lm/FT	570Lm/M 174 Lm/FT	660Lm/M 201 Lm/FT	540Lm/M 165 Lm/FT




PCB 8mm (0.315") Series

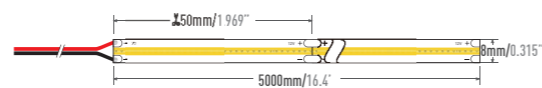
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-320 SC-SFL-320	8W/M 2.4 W/FT	24V 24 V	160° 160°	90 90	20 20	

Lumens				
640Lm/M 194 Lm/FT	720Lm/M 219 Lm/FT	720Lm/M 219 Lm/FT	720Lm/M 219 Lm/FT	720Lm/M 219 Lm/FT



Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-480 SC-SFL-480	10W/M 3.05 W/FT	24V 24 V	160° 160°	90 90	20 20	

Lumens				
850Lm/M 259 Lm/FT	900Lm/M 274 Lm/FT	1000Lm/M 305 Lm/FT	1050Lm/M 320 Lm/FT	900Lm/M 274 Lm/FT



Chip-on-FPC Series

TW Series

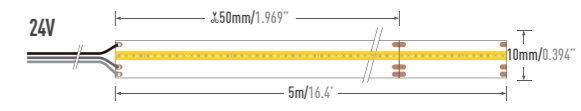
- Uniform light, good linearity, high color consistency
- The color temperature and brightness can be adjusted as needed
- Suitable for all kinds of decorative lighting places, especially for high-end display applications



840 LEDs /M

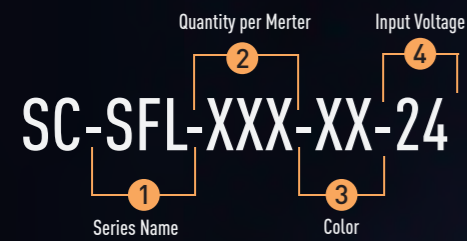
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
SC-SFL-840	15W/M	24V	120°	90	20	2.3mm/0.09"
SC-SFL-840	4.8 W/FT	24 V	120°	90	20	1-10mm/0.39"

Lumens	
560Lm/M 171 Lm/FT	675Lm/M 206 Lm/FT



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

RGB Series

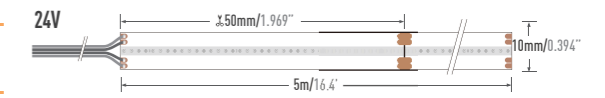


- Uniform light, good linearity, high color consistency
- The light is soft and no glare
- Rich colors and dynamic effects can be adjusted according to needs



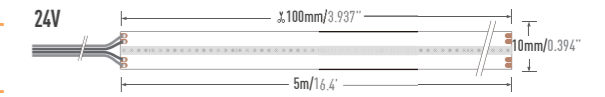
420 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-SFL-420 SC-SFL-420	9W/M 2.74 W/FT	24V 24 V	160° 160°	20 20	2.3mm/0.09" 10mm/0.394"



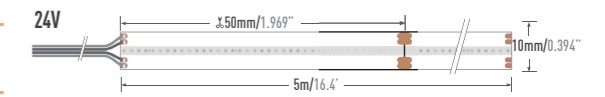
630 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-SFL-630 SC-SFL-630	9W/M 2.74 W/FT	24V 24 V	160° 160°	20 20	2.3mm/0.09" 10mm/0.394"



840 LEDs /M

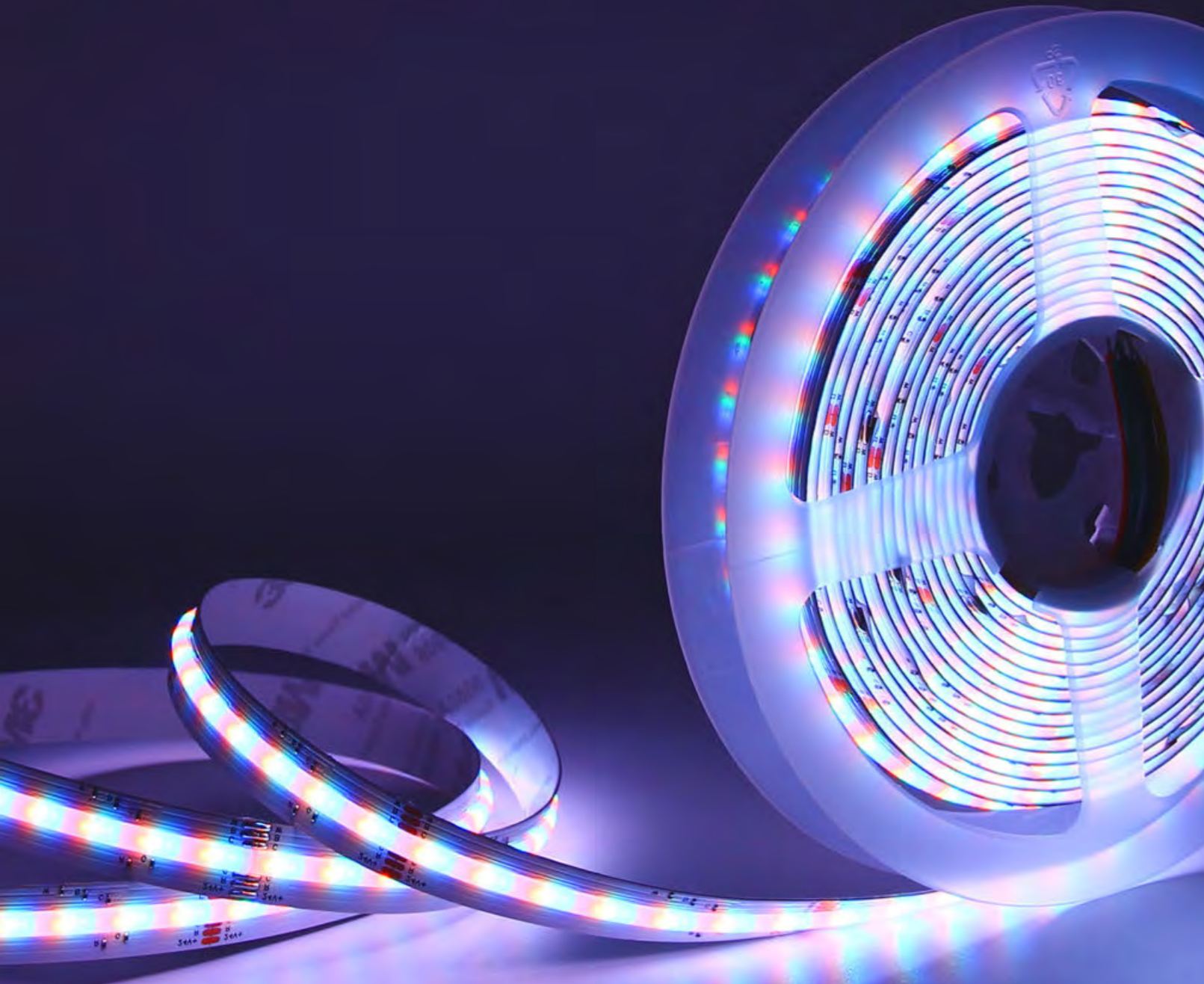
Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-SFL-840 SC-SFL-840	15W/M 4.6 W/FT	24V 24 V	160° 160°	20 20	2.3mm/0.09" 10mm/0.394"



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

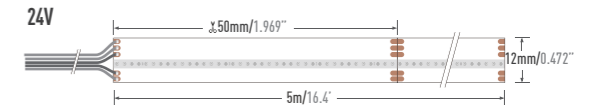
RGBW/RGBCW Series

- Uniform light, good linearity, high color consistency
- Suitable for atmosphere decoration and lighting
- Rich colors and dynamic effects can be adjusted according to needs



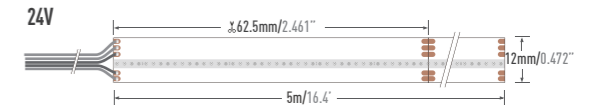
RGBW

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-SFL-560 SC-SFL-560	16W/M 4.88 W/FT	24V 24 V	160° 160°	20 20	2.3mm/0.09" 12mm/0.472"



RGBCW

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-SFL-560 SC-SFL-560	16W/M 4.88 W/FT	24V 24 V	160° 160°	20 20	2.3mm/0.09" 12mm/0.472"



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

RGB Magic Series



- No peripheral components, neat and beautiful
- Uniform light, good linearity, high color consistency
- The dynamic effect is very delicate, smooth and fluent

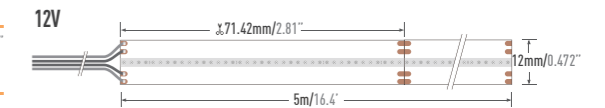
420 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-SFL-420 SC-SFL-420	13.3W/M 4.05 W/FT	24V 24 V	180° 180°	20 20	
⊙	SC-SFL-420 SC-SFL-420	13.3W/M 4.05 W/FT	24V 24 V	180° 180°	65 65	



630 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-SFL-630 SC-SFL-630	10W/M 3.05 W/FT	12V 12 V	180° 180°	20 20	
⊙	SC-SFL-630 SC-SFL-630	10W/M 3.05 W/FT	12V 12 V	180° 180°	65 65	



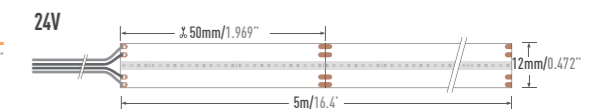
630 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-SFL-630 SC-SFL-630	14W/M 4.27 W/FT	24V 24 V	180° 180°	20 20	
⊙	SC-SFL-630 SC-SFL-630	14W/M 4.27 W/FT	24V 24 V	180° 180°	65 65	



840 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-SFL-840 SC-SFL-840	15W/M 4.57 W/FT	24V 24 V	180° 180°	20 20	
⊙	SC-SFL-840 SC-SFL-840	15W/M 4.57 W/FT	24V 24 V	180° 180°	65 65	



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Side-emitting Series NEW

Available colors



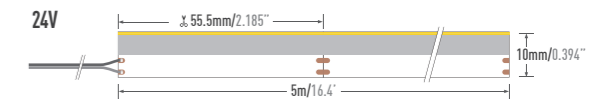
- Side-emitting
- Can be bent at will. LED chip is completely wrapped by silicone, with good waterproof airtightness and insulation, higher reliability
- Soft light, dot free, linear light, extremely flexible, high reliability



Single color

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗ SC-SFL-S-XW SC-SFL-S-XW	10W/M 3.05 W/FT	24V 24 V	120° 120°	90 90	20 20	

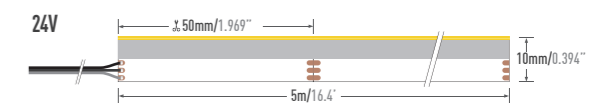
Lumens		
380Lm/M 116 Lm/FT	450Lm/M 135 Lm/FT	450Lm/M 135 Lm/FT



2700K-6000K

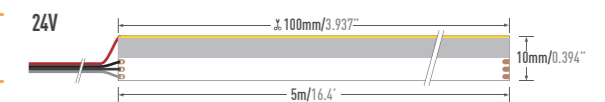
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗ SC-SFL-S-27K+60K SC-SFL-S-27K+60K	12W/M 3.66 W/FT	24V 24 V	120° 120°	90 90	20 20	

Lumens		
205Lm/M 62 Lm/FT	205Lm/M 62 Lm/FT	



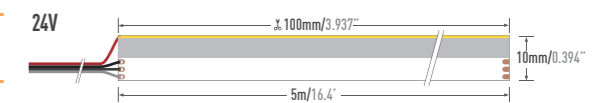
RGB

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗ SC-SFL-S-RGB SC-SFL-S-RGB	12W/M 3.66 W/FT	24V 24 V	120° 120°	90 90	20 20	



RGBIC

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	
⊗ SC-SFL-S-RGBIC SC-SFL-S-RGBIC	13.2/M 4.02 W/FT	24V 24 V	120° 120°	90 90	20 20	



2835 Series
 RGB Series
 Built-in IC Series
 2110 & 21016 Series
 3014 Series
 3528 Series
 5050 Series
 Special Strip
 COB Strip
 Neon Flex
 Rigid Strip
 Strip Kits



NEON FLEX LED STRIP

Applications	P163-170
Index Neon Flex	P171-176
4mm Silicon Series	P177-178
6mm Silicon Series	P179-180
8mm PVC/Silicon Series	P181-184
12mm PVC/Silicon Series	P185-186
15mm Silicon Series	P187-188
0410 Series	P189-190
0615 Series	P191-192
0818 Series	P193-194
1515 Series	P195-196
360° Lighting Series	P197-198
Flexible wall washer Series	P199-200
Mosquito-Repelling Series	P203-206
Smooth Line Series	P207-210



ULTRA-NARROW
4-6mm

GOOD LINEAR LIGHTING
8-16mm

LARGE LIGHT-EMITTING SURFACE
≥16mm



FLEXIBLE NEON

Neon strip is the best low-voltage linear light strip lighting solution that combines architectural aesthetics and visual comfort, for designers and architects with imagination and personal style. It offers various lighting experiences, including direct or indirect lighting, buffer lighting, and wall washer lighting. The high-quality SMD LED mounted on the flexible PCB with extrusion silicon housing ensures excellent flexibility and weather resistance.

It can be zero light leakage, anti-glare, uniformly luminous, and supports surface mounting, suspended, recessed, etc. Three different lighting areas include 6mm below, 8-16mm and 16-25mm, providing multiple options for various furniture, home or building lighting applications.

Neon strip offers designers a wealth of creative space on a global scale, showcasing flexibility, practicality, and an enhanced experience for human living, working, and entertainment.

Small-sized neon strip with a luminous surface below 6mm can be arranged along cabinets and shelving units to meet

the task lighting needs and provide additional visual support. Alternatively, RGB full-color or RGB dreamcolor light strip can be selected for decorative purposes, spreading throughout the entire space. The indirect halo of light emitted adds a playful effect to the interior. The silicone protective cover comes in various color options and can be customized to match the color of the building paint, seamlessly blending into the interior space and maintaining a harmonious and integrated style whether the light is on or off.

Neon strip has high CRI, uniformity, durability, with a variety of dimensions, light direction, bending direction for choice, suitable for any building structure.

Lifespan >55,000 hours, compliant with L80B10, IP65 and above, suitable for both indoor and outdoor applications.



**FLEXIBLE
NEON**



ULTRA-NARROW

ULTRA-NARROW 4-6MM

Safe low voltage, soft light output, providing integrated local lighting for furniture, cabinets, props, etc.

The minimal size allows for easy integration into any home decor style without being overwhelming or disrupting the overall feel.

Make the lights more in line with our home decor style, improve spatial flaws, create an atmosphere, and flexibly showcase personal taste.



SMOOTH LINE

Can be installed on residential terraces, dehors of commercial activities and public spaces. It is ideal for both existing and new buildings.

White light products come in various configurations and can be installed on the ground of residential patios, commercial events, and public spaces. It is an ideal choice for both existing and newly constructed buildings. It provides a foundational lighting solution, offering comfortable, soft, and

diffused indirect lighting.

Make this square an excellent entertainment space.

Composite light products with RGB or RGBW intelligent controller, variable installation, to create your own excellent entertainment space.

Supports RGB, RGBW and dual CCT.



SMOOTH LINE

8-15MM NEON

≥16MM NEON

Protection grade IP65

CRI up to 90+

It can be combined from a single piece to a light strip up to 17 meters in length.

UV resistance for over 5 years

Can be mounted on ceilings or walls, both surface and concave. It is a perfect blend of architectural structure and light, and enhances the overall expressive power of the lighting project. It can be used to outline the building, stretch the wall space and provide a deep visual effect.

Wash the walls, softening the shadows and highlighting the building.



LARGE LIGHT-EMITTING
SURFACE

SMOOTH LINE

4x7 | Side-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-3014-07-TS0407W-XX-27-210-4-IP67	12V	7.7W/M 2.4 W/FT	4mm 0.157"	14.29mm 0.563"	≥30°
	24V			33.33mm 1.312"	R≥30°

4x10 | Side-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-SSE041028-128-XX-12/24	12V	7.6W/M 2.3 W/FT	6mm 0.236"	31.25mm 1.230"	≥30mm
	24V			62.5mm 2.461"	R≥30°

4x11 | Side-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-SW4-XX-12/24V	12V	7.6W/M 2.3 W/FT	8mm 0.315"	31.25mm 1.230"	≥30mm
	24V			62.5mm 2.461"	R≥30°

6x11 | Side-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-SSE0628-128-XX-24V	12V	9.6W/M 2.9 W/FT	8mm 0.315"	31.25mm 1.230"	≥30mm
	24V			62.5mm 2.461"	R≥30°

6x15 | Side-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-SSE061528-128-XX-24	12V	7.7W/M 2.4 W/FT	8mm 0.315"	31.25mm 1.230"	≥30mm
	24V			62.5mm 2.461"	R≥30°

6x6 | Top-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-3014-07-TT0606W-XX-24-210-4-IP65	24V	7.2W/M 2.2 W/FT	4mm 0.157"	33.4mm 1.315"	≥75mm
					R≥75°

8x12 | Side-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-SSE0828-128-XX-24V	12V	9.6W/M 2.9 W/FT	8mm 0.315"	31.25mm 1.230"	≥50°
	24V			62.5mm 2.461"	R≥50°

8x18 | Side-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-SSE-0818-WW-24V	12V	9.6W/M 2.9 W/FT	8mm 0.315"	25mm 0.984"	≥30mm
	24V			50mm 1.969"	R≥30°

10x10 | Top-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSE101028-128-XX-24	24V	7.6W/M 2.3 W/FT	6mm 0.236"	50mm 1.969"	≥75mm
					R≥75°

12x8 | Top-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSE-XX-24V	24V	8.5W/M 2.6 W/FT	8mm 0.315"	55.5mm 2.185"	≥50mm
					R≥50°
SC-TSE1228-160-XX-24V	24V	9.6W/M 2.9 W/FT	8mm 0.315"	50mm 1.969"	
					R≥50°

12X10 | Top-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSID-XX-M-24V	24V	12.5W/M 3.8 W/FT	8mm 0.315"	38.5mm 1.516"	≥75mm
					R≥75°

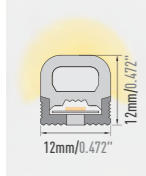
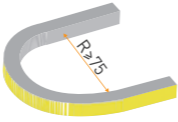
12X12 | Top-view



Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSE121228-120-XX-24	24V	7.6W/M 2.3 W/FT	10mm 0.394"	50mm 1.969"	≥75mm
					R≥75°


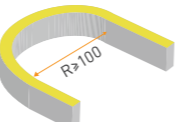
12x12 | Top-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-1212-XX-24	24V	10W/M 3.0 W/FT	8mm 0.315"	7.8mm 0.307"	≥75mm
SC-TSE1228-3S-128-XX-24V	12V	9.6W/M 2.9 W/FT	8mm 0.315"	62.5mm 2.461"	
	24V	14.4W/M 4.4 W/FT		50mm 1.969"	

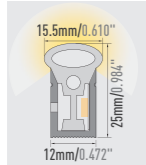
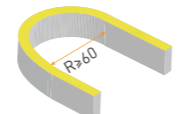
12x22 | Side-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-ESID-XX-24V	12V	14.4W/M 4.4 W/FT	12mm 0.472"	50mm 1.969"	≥100mm
	24V			100mm 3.937"	

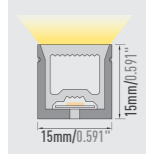

12x25 | Side-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-SSE-122528-160-WW-24	12V	9.6W/M 2.9 W/FT	10mm 0.394"	25mm 0.984"	≥60mm
	24V			50mm 1.969"	

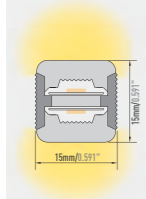
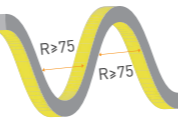
15x15 | Top-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSE1528-128/120-XX-24	24V	9.6W/M 2.9 W/FT	8mm 0.315"	62.5mm 2.461"	≥75mm
		14.4W/M 4.4 W/FT		50mm 1.969"	

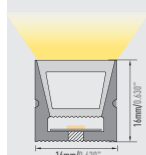

15x15 | Top-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSE151528-240-XX-24	24V	9.6W/M 2.9 W/FT	10mm 0.394"	25mm 0.984"	≥75mm

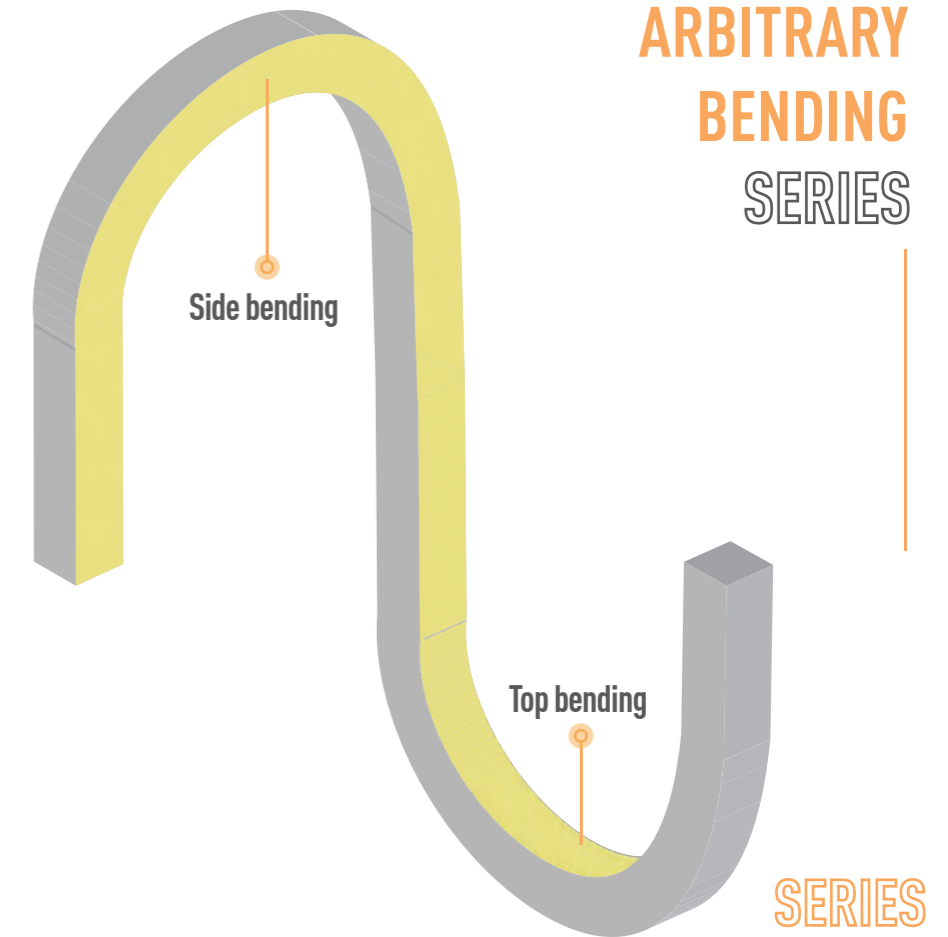



16x16 | Top-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSE161628-160-XX-24V	24V	9.6W/M 2.9 W/FT	10mm 0.394"	50mm 1.969"	≥75mm

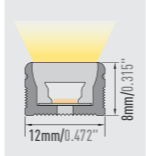
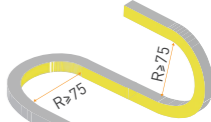



FLEXIBLE NEON



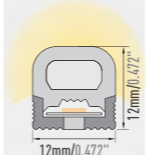
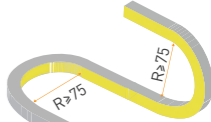
12x8 | Top-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-2835-06-JT1208W-XX-12/24-144-8-IP67	12V	8.64W/M 2.6 W/FT	8mm 0.315"	41.67mm 1.641"	≥75mm
	24V	14.4W/M 4.4 W/FT			

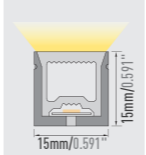
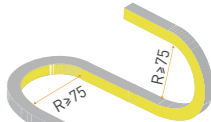
12X12 | Top-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-2835-06-TT1212W-XX-12/24-144-8-IP67	12V	8.64W/M 2.6 W/FT	8mm 0.315"	41.67mm 1.641"	≥75mm
	24V	14.4W/M 4.4 W/FT			

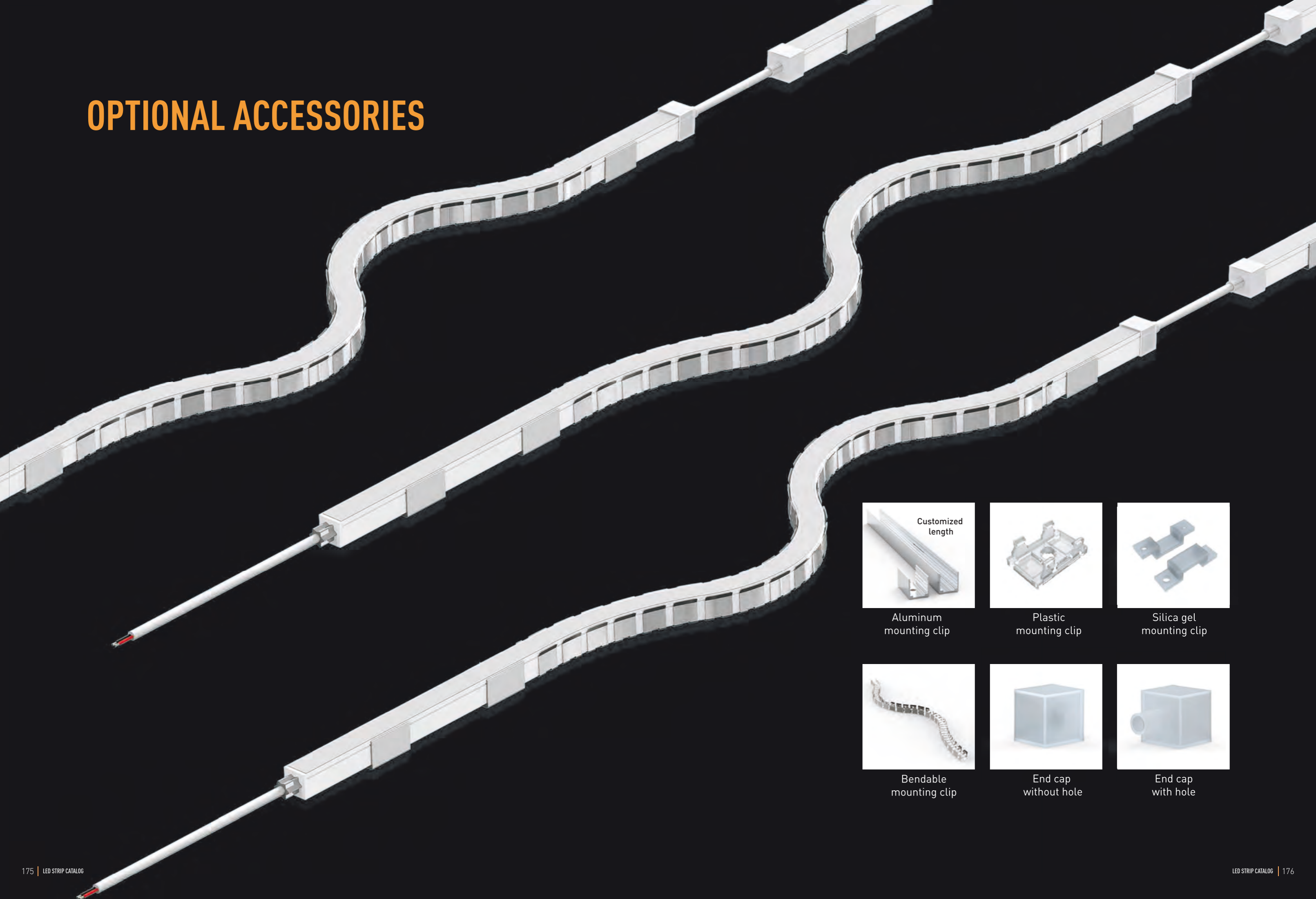



15X15 | Top-view

Model	DC Voltage	Rated Watt	PCB Width	Min. Length	Min. Bend Diameter
SC-TSE1528-3D-96-XX-24V	24V	14.4W/M 4.4 W/FT	8mm 0.315"	20.83mm 0.820"	≥75mm

OPTIONAL ACCESSORIES



Customized length
Aluminum mounting clip



Plastic mounting clip



Silica gel mounting clip



Bendable mounting clip



End cap without hole



End cap with hole

4mm Silicon Series

4x11mm



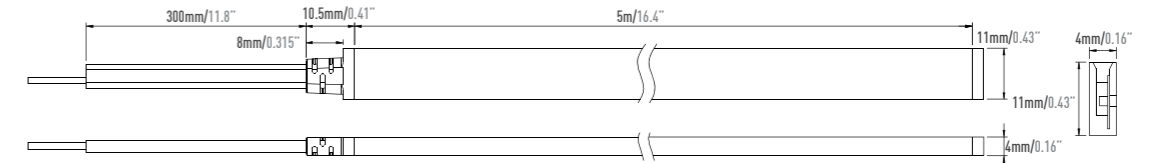
- 2835LED
- Dot-free illumination
- Side view; can be bent vertically
- Indoor and outdoor application
- Dimension: 4x11mm/0.16"x0.43"
- Silica gel

Available colors

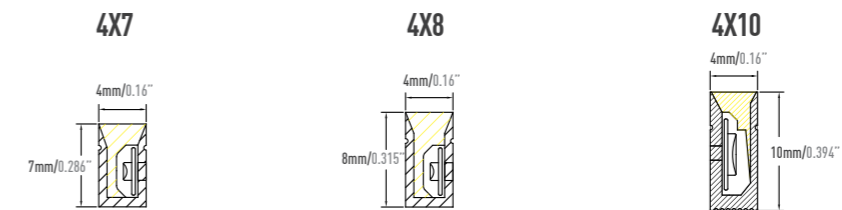


128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-SW4-XX SC-SW4-XXX	9.6W/M 2.9 W/FT	24V 24 V	120° 120°	80 80	67 67	329Lm/M 100 Lm/FT	344Lm/M 104 Lm/FT	355Lm/M 108 Lm/FT



More sizes optional

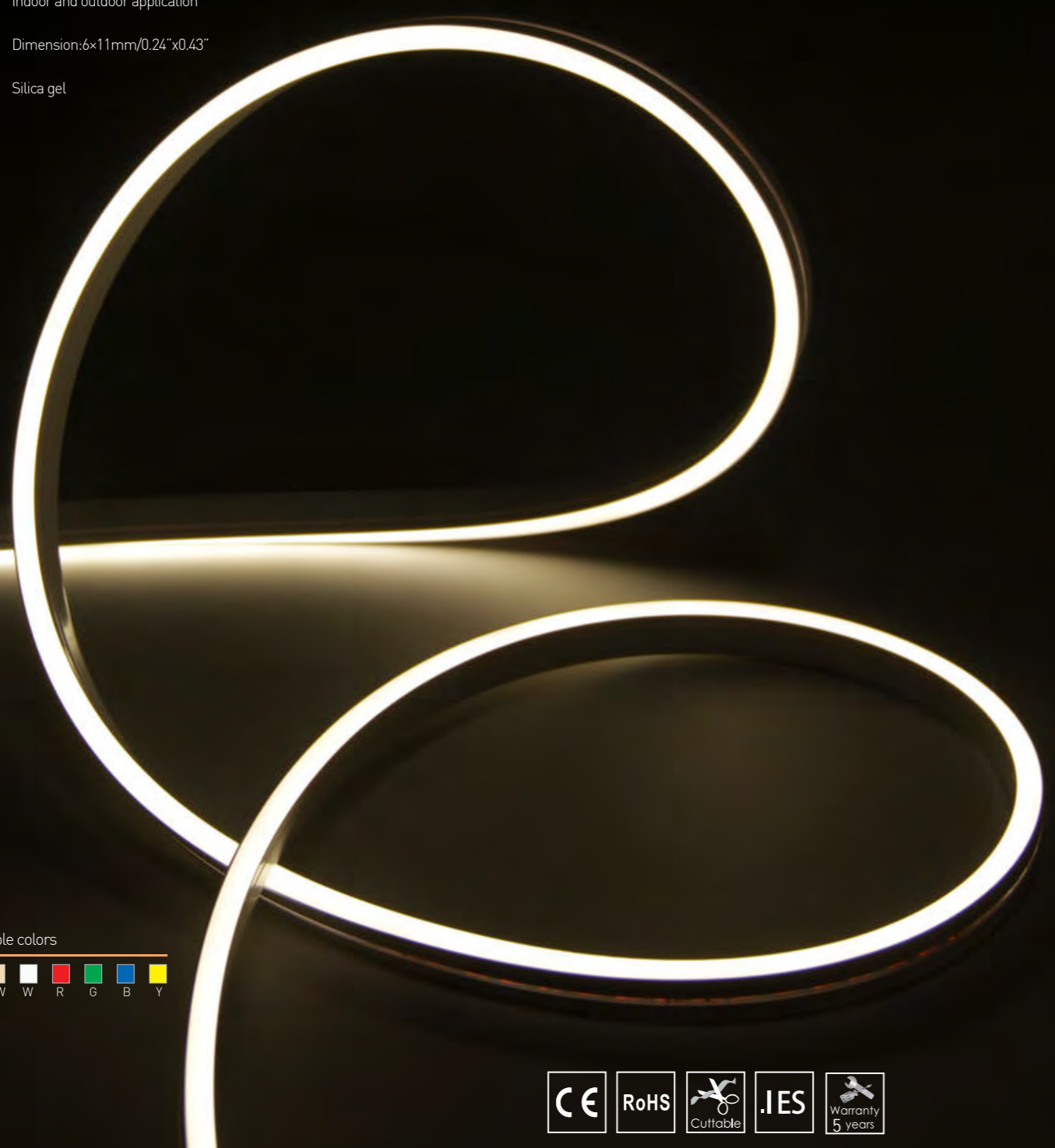


2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

6mm Silicon Series

6x11mm

- 2835LED
- Dot-free illumination;
- Side view; can be bent vertically
- Indoor and outdoor application
- Dimension: 6x11mm/0.24"x0.43"
- Silica gel

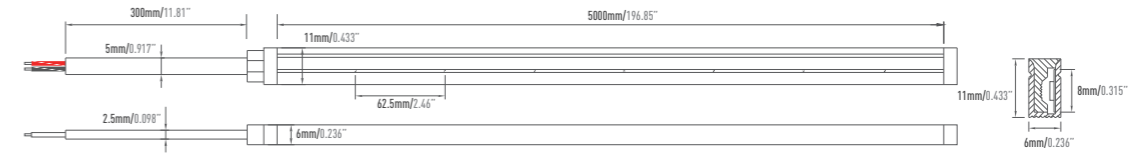


Available colors



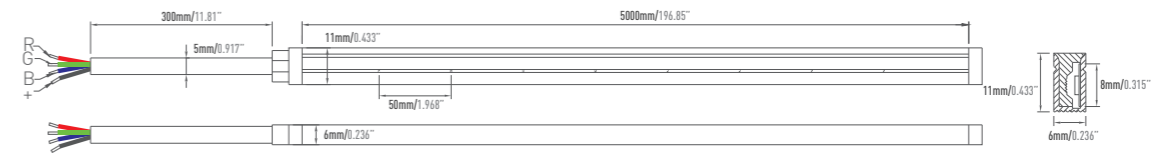
Monochrome

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-SSE0628-128 SC-SSE0628-128	9.6W/M 2.9 W/FT	24V 24 V	120° 120°	80 80	67 67	525Lm/M 159 Lm/FT	540Lm/M 164 Lm/FT	550Lm/M 167 Lm/FT

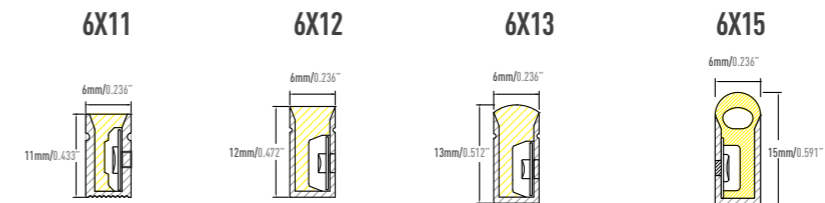


RGB

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-SSE0647-120 SC-SSE0647-120	14.4W/M 4.36 W/FT	24V 24 V	120° 120°	80 80	67 67



More sizes optional (6mm Silicon Series)



8mm Silicon Series

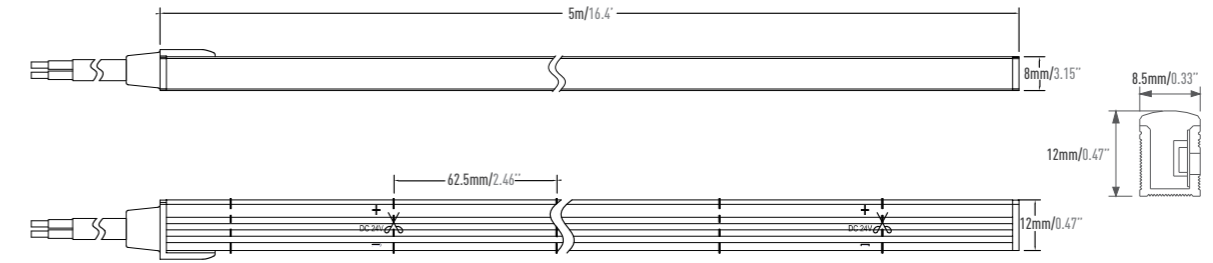
Side-View

- White color version adopt 2835 high brightness LED, CRI 80 and CRI 90 both available;
- Mini size 8mm*12mm with high flexibility, Minimum bending radius can be 50MM;
- Side-view design makes dot-free illumination and high uniformity;
- High quality silicon material, extrusion process makes IP67 ;
- Special window-design makes cutting convenient and easy;
- Providing accesories for cutting and installation.

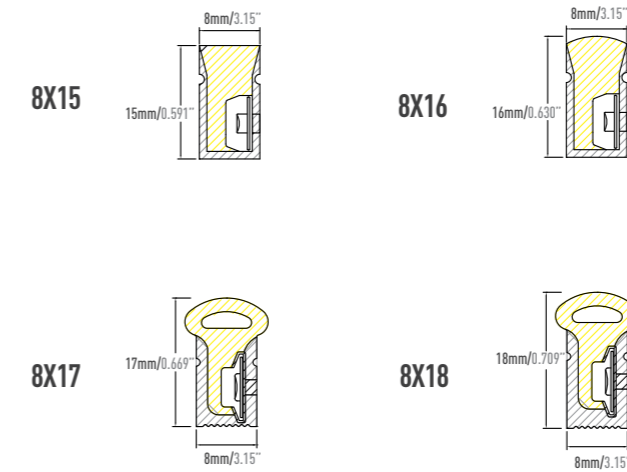


Silicon Series

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-SSE0828-128 SC-SSE0828-128	9.6W/M 2.3 W/FT	24V 24 V	120° 120°	80 80	67 67	505Lm/M 153 Lm/FT	532Lm/M 161 Lm/FT	517Lm/M 157 Lm/FT



More sizes optional (8mm Silicon Series)



Available colors



WW+W (2-in-1)



8mm Silicon Series

Top-View

- White color version adopt 2835 high brightness LED, CRI 80 and CRI 90 both available;
- Mini size 12mm*8mm with high flexibility, Minimum bending radius can be 50MM;
- Top-view design makes dot-free illumination and high uniformity;
- High quality silicon material, extrusion process makes IP67 ;
- Special window-design makes cutting convenient and easy;
- Providing accessories for cutting and installation.



Available colors

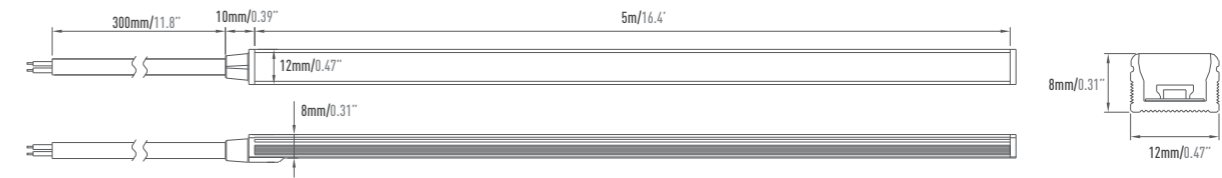


WW+W (2-in-1)

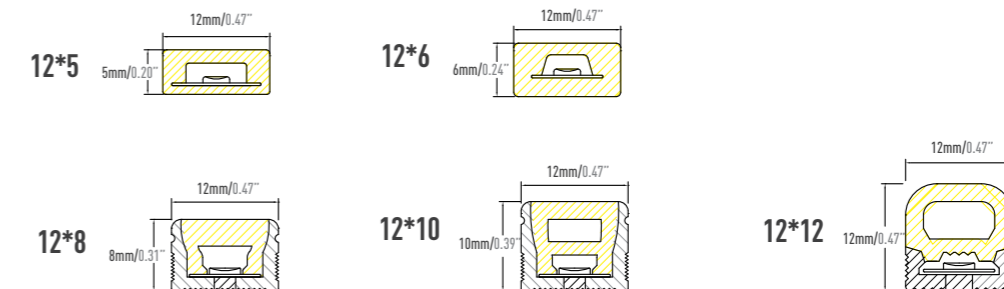


Silicon Series

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-TSE-160 SC-TSE-160	9.6W/M 2.9 W/FT	24V 24 V	120° 120°	80 80	67 67	877Lm/M 266 Lm/FT	880Lm/M 267 Lm/FT	863Lm/M 262 Lm/FT



More sizes optional (Top-View Series)



12mm Silicon Series

Available colors



RGB+WW (4-in-1)

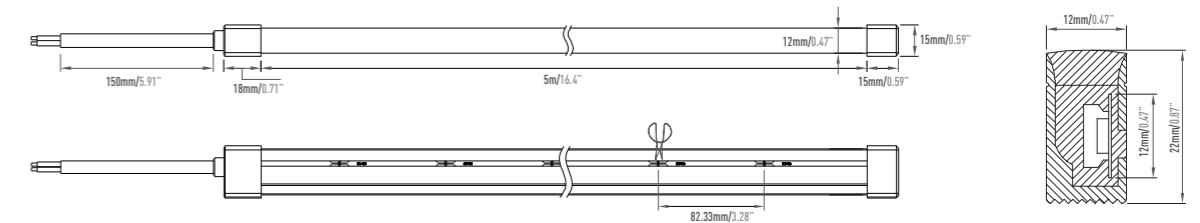
- 5050 LED
- Dot-free illumination
- Indoor and outdoor application
- Dimension: 11.5x22mm
- UV-resistant



Monochromatic Series

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-SSED SC-SSED	14.4W/M 4.39 W/FT	24V 24 V	120° 120°	80 80	67 67

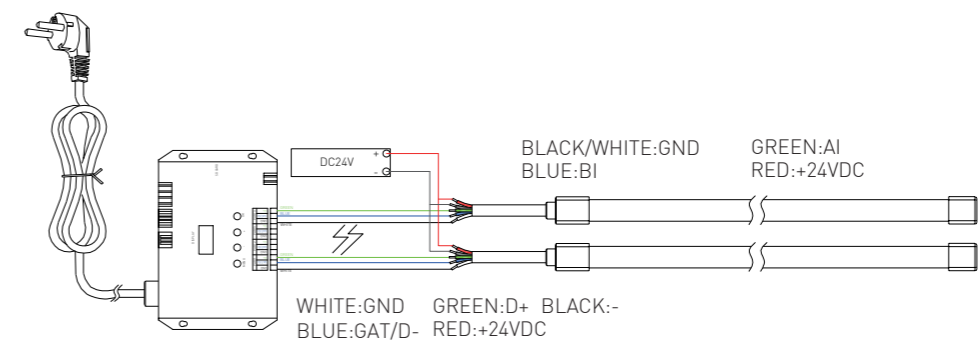
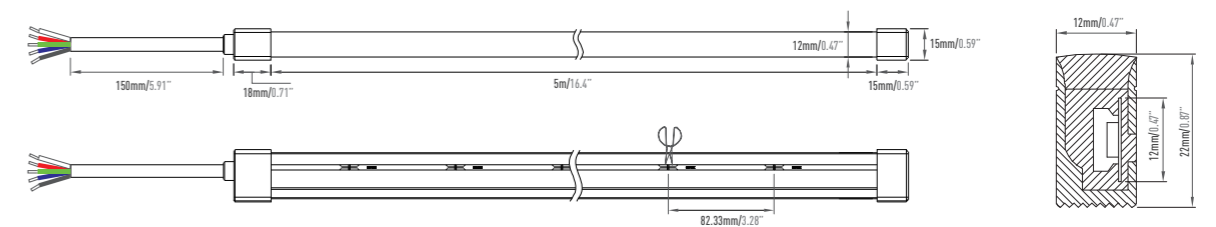
Lumens		
350Lm/M 106 Lm/FT	337Lm/M 102 Lm/FT	297Lm/M 90 Lm/FT



RGBWW Series

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-SSED-RGB+WW SC-SSED-RGB+WW	19.2 W/M 5.8 W/FT	24V 24 V	120° 120°	80 80	67 67

Lumens				
36 Lm/M 11 Lm/FT	14 Lm/M 4 Lm/FT	70 Lm/M 21 Lm/FT	140 Lm/M 43 Lm/FT	240 Lm/M 73 Lm/FT



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

15mm Silicon Series



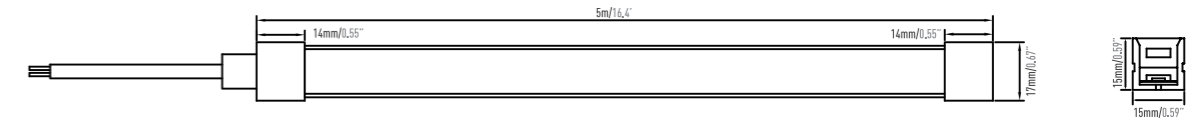
- 2835LED
- Dot-free illumination
- Indoor and outdoor application
- Dimension: 15x 15mm
- First-class PVC material, UV-resistant



for PVC for PVC & Silicon

Silicon Series

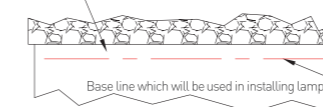
Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-TSE1528-12D-XX SC-TSE1528-12D-XX	14.4W/M 4.39 W/FT	24V 24V	120° 120°	80 80	67 67	520Lm/M 158 Lm/FT	580Lm/M 179 Lm/FT	600Lm/M 183 Lm/FT



Installation instructions

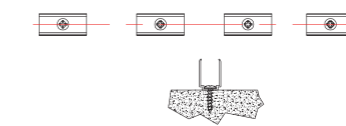
Pull a parallel string on which the LED strip will be installed

surface which strip will be installed on (inverse, vertical, horizontal or 90° vertically)

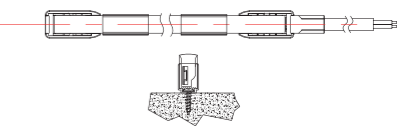


Base line which will be used in installing lamp.

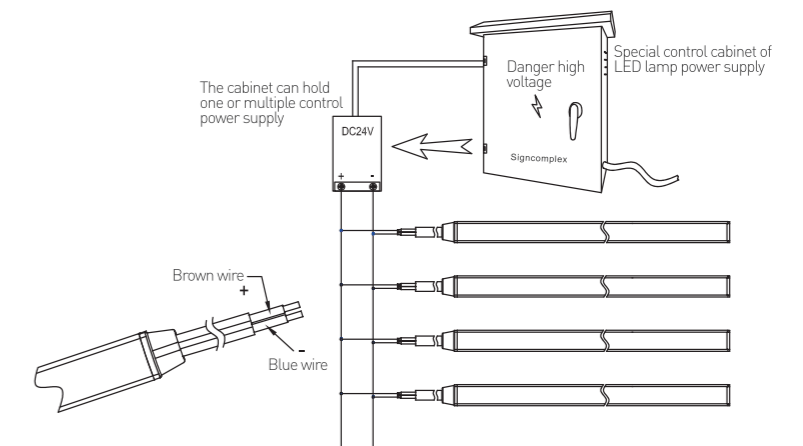
Fix the clip on the base line, and the distance depends on practical situation.



After the clip is fixed, insert the LED strip into the slot with luminous surface closing to the thumb; The maximum installation angle can't exceed 60°



connect power wire: use power cabinet which is waterproof, dampproof, and dustproof.



0410 Series

Ultra-narrow

Available colors

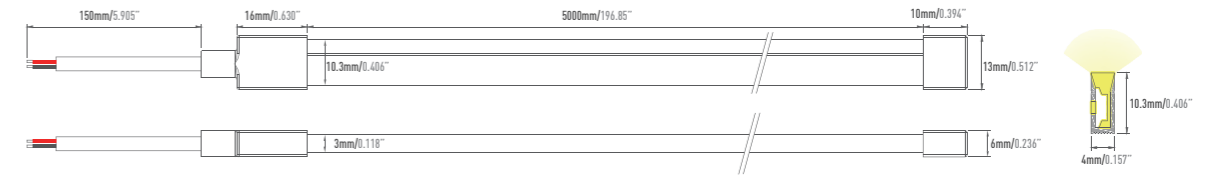


- Good softness, highly malleable
- Various LEDs available
- Good waterproof effect, safer application
- Easy to install



128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-SSE041028 SC-SSE041028	7.7W/M 2.3 W/FT	24V 24 V	120° 120°	80 80	65 65	257Lm/M 78 Lm/FT	299Lm/M 91 Lm/FT	333Lm/M 101 Lm/FT



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

0615 Series

6x15mm

Available colors

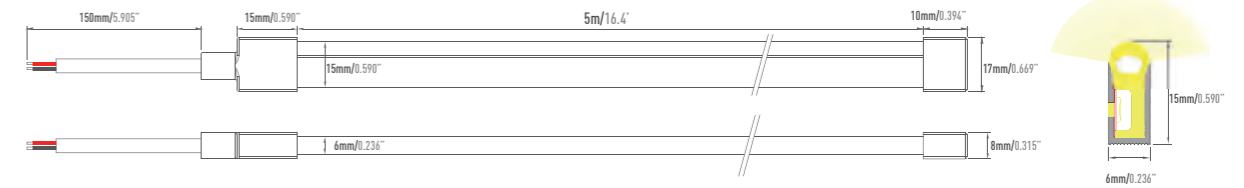


- Good softness, highly malleable
- Various LEDs available
- Good waterproof effect, safer application
- Easy to install



128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-SSE061528 SC-SSE061528	7.7W/M 2.3 W/FT	24V 24 V	160° 160°	80 80	65 65	473Lm/M 145 Lm/FT	442Lm/M 135 Lm/FT	551Lm/M 168 Lm/FT



0818 Series

Side-emitting

Available colors



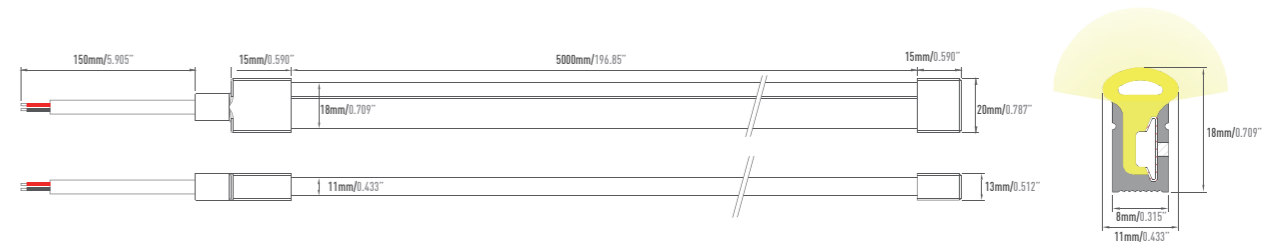
- Good softness, highly malleable
- Various LEDs available, more uniform luminescence, no graininess on close inspection, soft light
- Good waterproof effect, safer application
- Easy to install



160 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-SSE081828	9.6W/M 2.9 W/FT	24V 24 V	160° 160°	80 80	65 65

Lumens		
399Lm/M 122 Lm/FT	426Lm/M 130 Lm/FT	480Lm/M 146 Lm/FT



1515 Series NEW

Dual-sided Lighting

Available colors

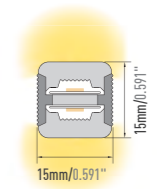
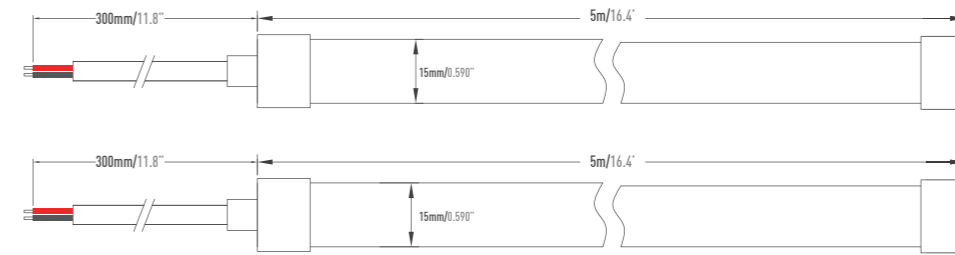


- A silicone tube can emit two kinds of light: up and down, left and right, and can emit different light in two directions at the same time
- FPC with different color temperature can be placed on both sides
- Can see the strong contrast on both sides of the luminous effect
- High-end vapor phase silicone, strong weather resistance, no yellowing, good softness and plasticity.



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-TSE151528 SC-TSE151528	9.6W/M 2.9 W/FT	24V 24 V	216° 216°	86 86	65 65	3225Lm/M 983 Lm/FT	3265Lm/M 995 Lm/FT	3305Lm/M 1007 Lm/FT



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

360° Lighting Series

Available colors

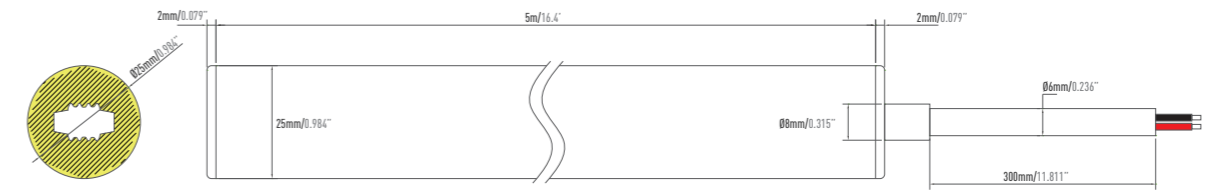


- Good softness, highly malleable
- Various LEDs available, more uniform luminescence, no graininess on close inspection, soft light
- Good waterproof effect, safer application
- Easy to install

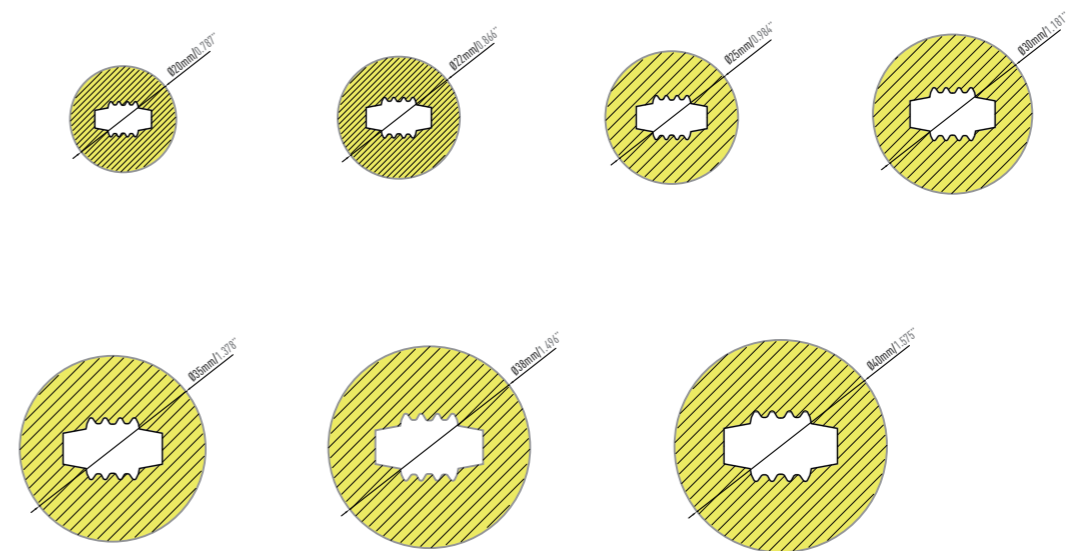


128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-SSE-D2528 SC-SSE-D2528	15.4W/M 4.7 W/FT	24V 24 V	360° 360°	80 80	65 65	2178Lm/M 664 Lm/FT	2338Lm/M 713 Lm/FT	2258Lm/M 688 Lm/FT



More sizes optional



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Flexible wall washer



With lens



- Can be used as traditional wall washer, and can be used for building dark edge hooking and curved surface lighting
- Special adhesive packaging, firm and reliable, IP66 protection grade, durable
- Imported LED brand chips have long lifespan, stable lighting, low light attenuation and good lighting consistency
- Various installation methods: adhesive backing, stainless steel buckle and profile
- The longest cascade is 10 m, minimum cut length 166.66mm, and different lengths can be customized



Single color

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens				
SC-2835-07-DT-XX SC-2835-07-DI-XX	18.0W/M 5.49 W/FT	24V 24 V	20°/35°/45° 20°/35°/45°	80/90 80/90	67 67	9.5mm 0.38"	±5mm ±0.197"	2200Lm/M 671 Lm/FT	2230Lm/M 688 Lm/FT	2250Lm/M 686 Lm/FT

WW+W

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens			
SC-2835-07-DT-XX+XX SC-2835-07-DI-XX+XX	9+9W/M 2.74+2.74 W/FT	24V 24 V	20°/35°/45° 20°/35°/45°	90 90	67 67	9.5mm 0.38"	±5mm ±0.197"	960Lm/M 293 Lm/FT	1000Lm/M 305 Lm/FT

RGB

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-5050-06-DT-RGB SC-5050-06-DI-RGB	11.5W/M 3.51 W/FT	24V 24 V	40°/50°/60° 40°/50°/60°	67 67

RGBIC

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-5050-06-DT-RGBIC SC-5050-06-DI-RGBIC	10W/M 3.05 W/FT	24V 24 V	40°/50°/60° 40°/50°/60°	67 67

RGBWIC

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-5050-06-DT-RGBWIC SC-5050-06-DI-RGBWIC	10W/M 3.05 W/FT	24V 24 V	40°/50°/60° 40°/50°/60°	67 67

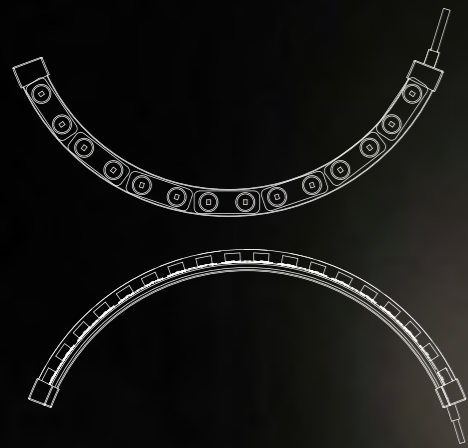
- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

Flexible wall washer



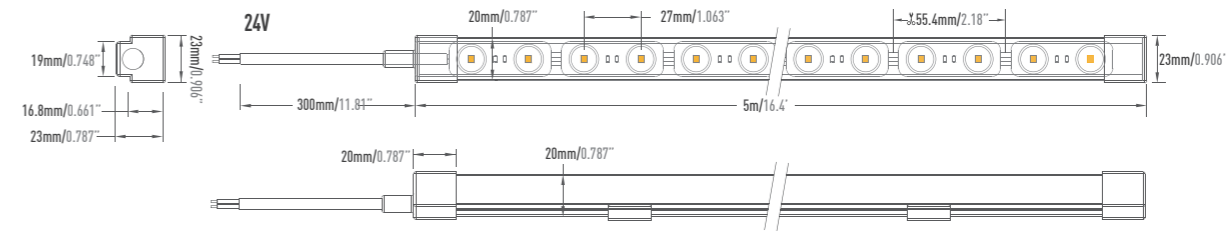
With half silicone tube

- Spotlight wall washing lighting
- A variety of lenses available
- Bidirectional bending, wider applicability
- Optimized luminous design, uniform light distribution
- Food grade silicone material, environmental protection, high light transmittance, ultraviolet radiation resistance, yellowing resistance, strong weather resistance



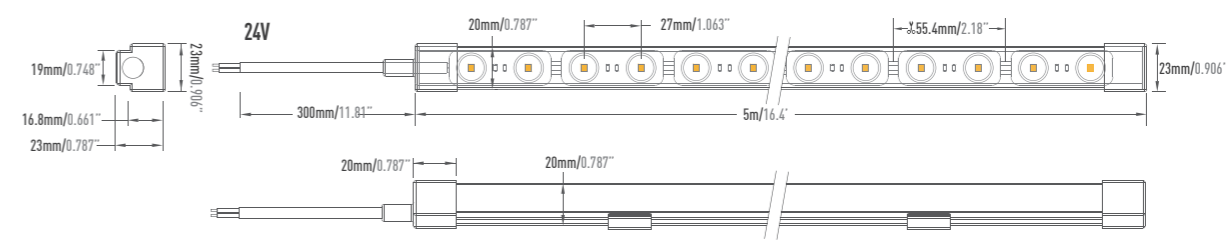
Single color

Model	Rated Watt	LED Qty.	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-2835-XX SC-2835-XX	20W/M 6.10 W/FT	36LEDs/m	24V 24V	20°/35°/45°/30°*60° 20°/35°/45°/30°*60°	90 90	65 65	1400Lm/M 427 Lm/FT	1450Lm/M 442 Lm/FT	1500Lm/M 457 Lm/FT



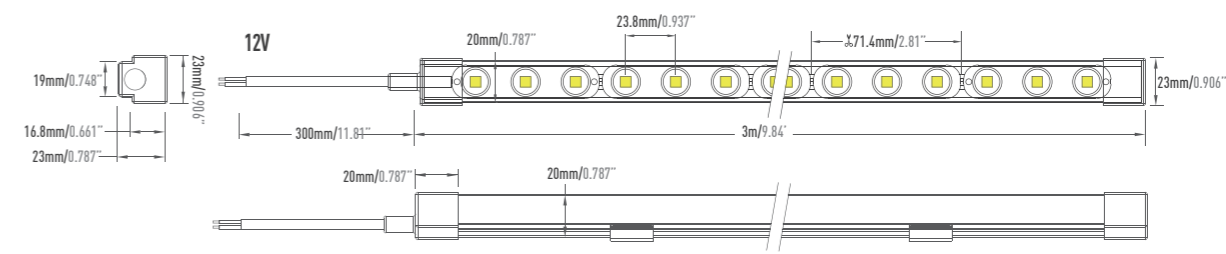
WW+W

Model	Rated Watt	LED Qty.	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-2835-WW+W SC-2835-WW+W	20W/M 6.10 W/FT	18+18LEDs/m	24V 24V	20°/35°/45°/30°*60° 20°/35°/45°/30°*60°	90 90	65 65	700+750Lm/M 213+229 Lm/FT		



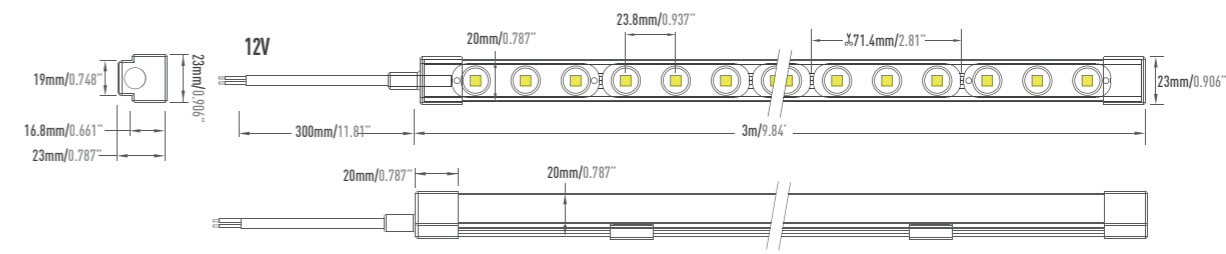
RGB

Model	Rated Watt	LED Qty.	DC Voltage	Beam Angle	IP Rating
SC-5050-RGB SC-5050-RGB	10W/M 3.05 W/FT	42LEDs/m	12V 12V	40°/50°/60° 40°/50°/60°	65 65



RGBIC

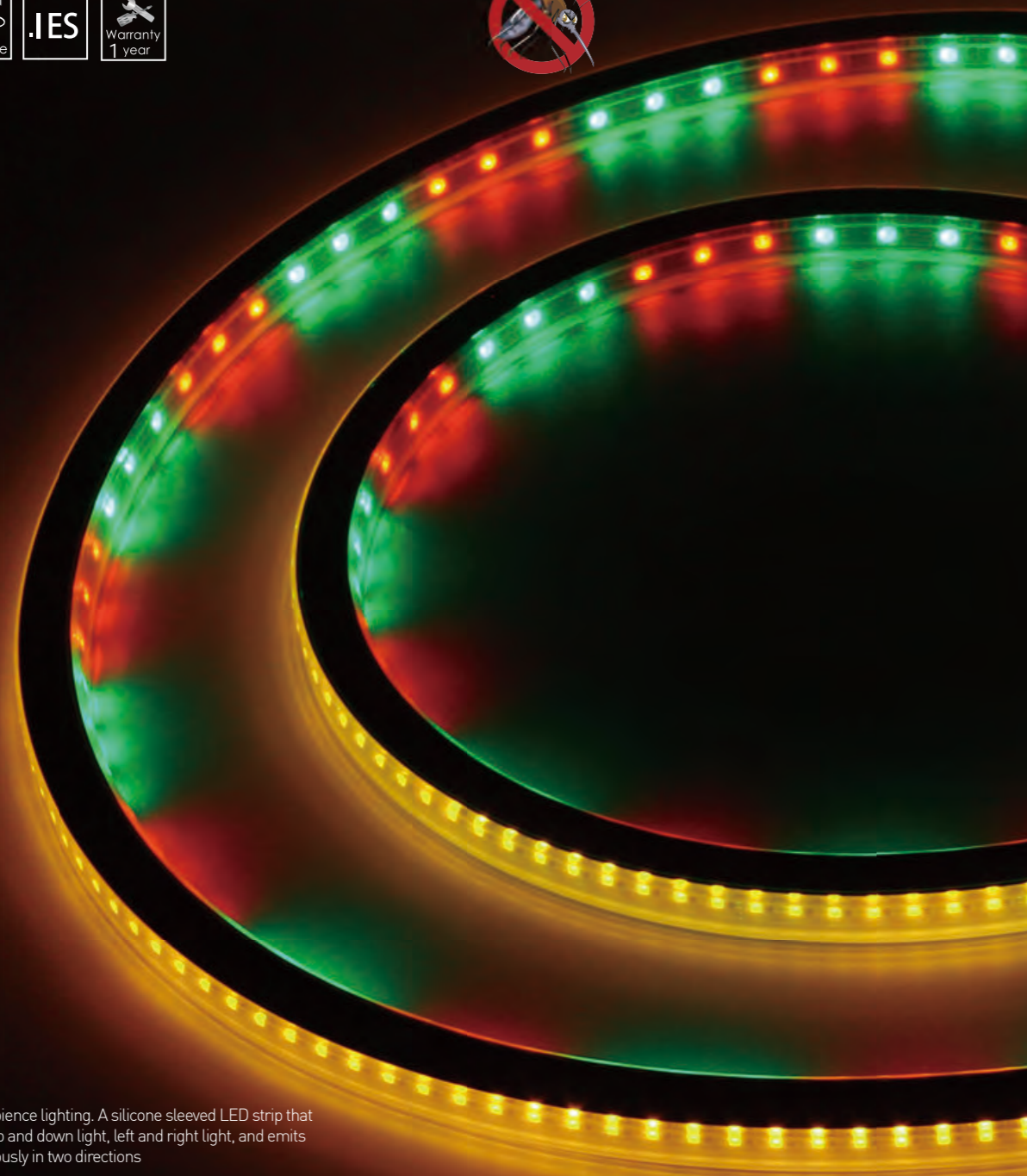
Model	Rated Watt	LED Qty.	DC Voltage	Beam Angle	IP Rating
SC-5050-RGBIC SC-5050-RGBIC	8W/M 2.44 W/FT	42LEDs/m	12V 12V	40°/50°/60° 40°/50°/60°	65 65



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

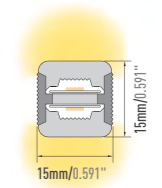
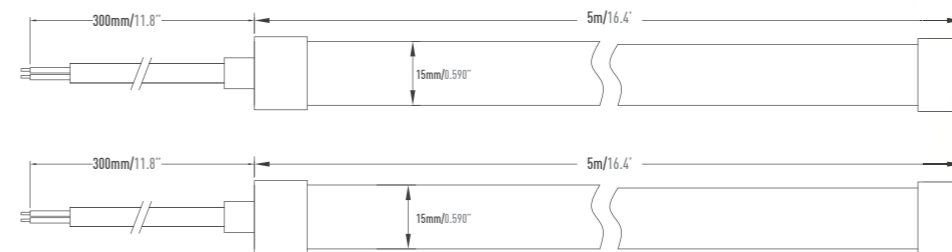
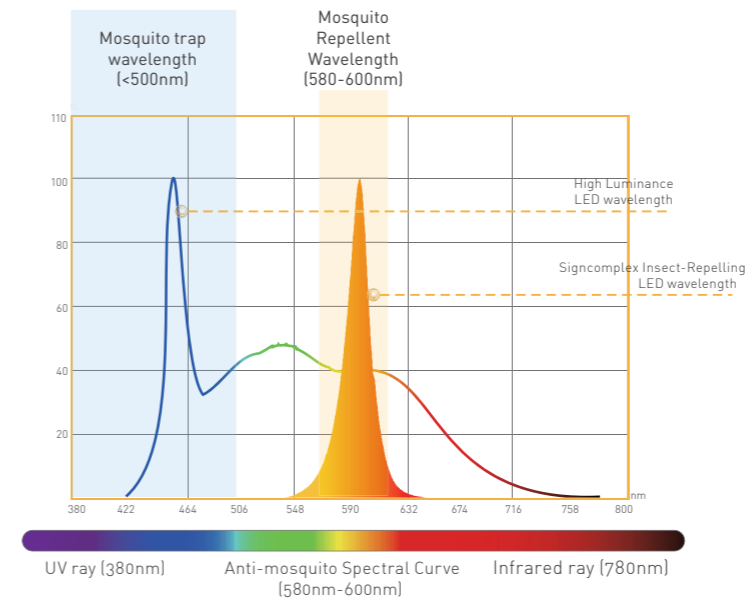
Mosquito-Repelling Series NEW

Mosquito repellent & ambience lighting



120+60 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-(2835+5050)-TT1515W	5W/M	5V	216°	67
SC-(2835+5050)-TT1515W	1.5 W/FT	5 V	216°	67



- Mosquito repellent & ambience lighting. A silicone sleeved LED strip that emits two types of light, up and down light, left and right light, and emits different lights simultaneously in two directions
- SMD5050 external IC LED, multiple color variations, static and dynamic ambient lighting effects
- It uses a special light source to attract mosquitoes and effectively repel them
- Meets the customer's need for mosquito prevention during outdoor travel and camping, energy-saving and environmentally friendly, with no side effects
- Small in size and easy to carry. It can be placed on camping tables or at tent entrances for convenience

2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Mosquito-Repelling Series NEW

1005 Series

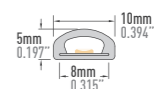
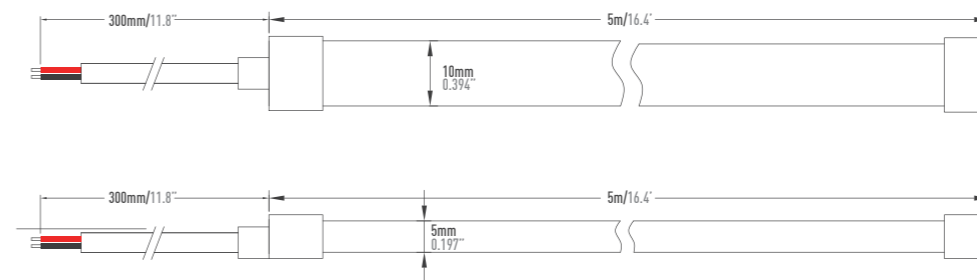
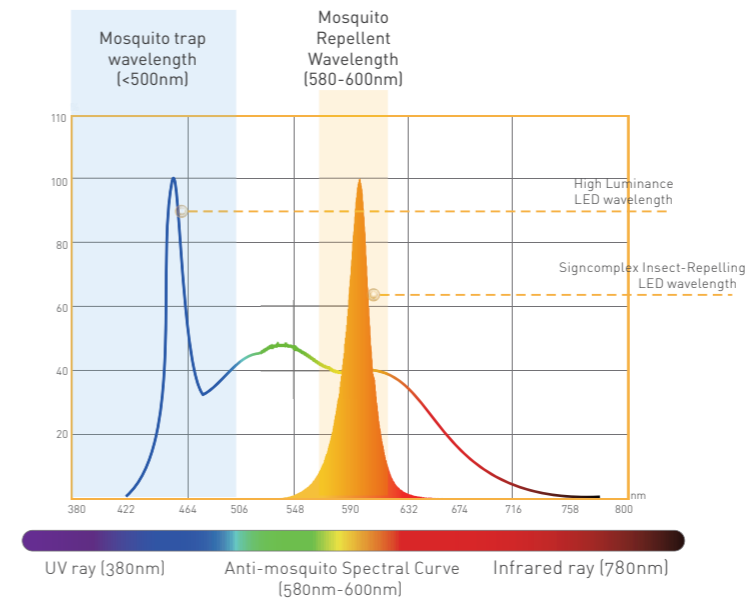
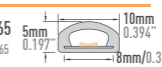


- Meets the customer's need for mosquito prevention during outdoor travel and camping, energy-saving and environmentally friendly, with no side effects
- It uses a special light source to attract mosquitoes and effectively repel them
- Small in size and easy to carry. It can be placed on camping tables or at tent entrances for convenience



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-2835-01-JT1005W SC-2835-01-JT1005W	5W/M 1.5 W/FT	5V 5V	116.5° 116.5°	65 65



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Smooth line technology brings new style lighting that instead of using COB LED strips

SMD Smooth Line Silicone Extrusion



GOOD BENDABILITY

High-end vapor phase silicone, good softness and plasticity.

SOFT LIGHT

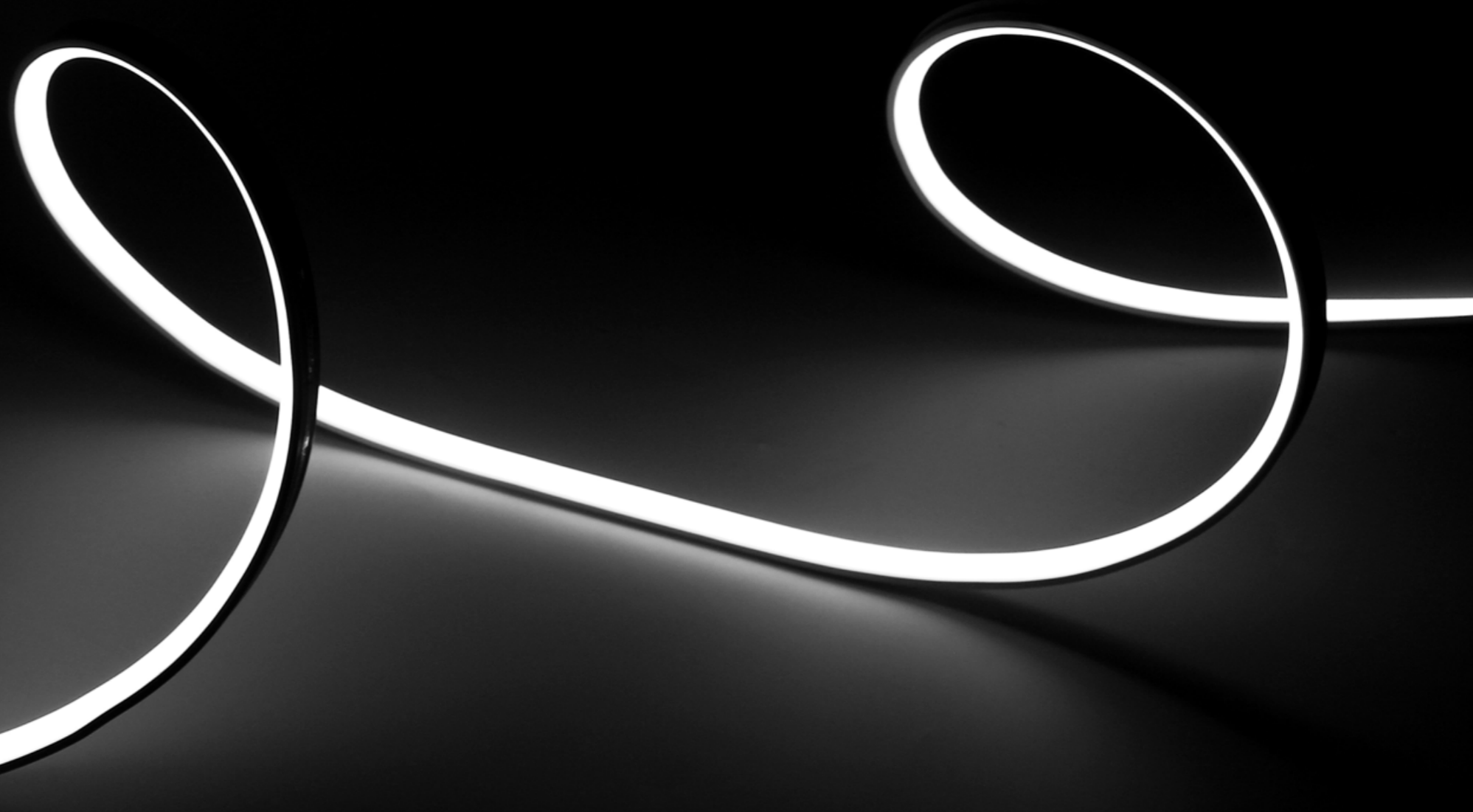
Soft light, dot free, linear light, extremely flexible, high reliability.

IP67 WATERPROOF

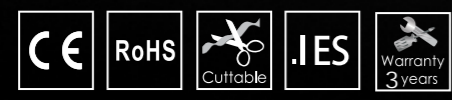
SMD strip light with silicone extrusion process, providing excellent sealing performance.

VARIOUS TYPES AVAILABLE

10*9.5mm, 10*6.5mm, 10*5.5mm, 10*4.5mm.

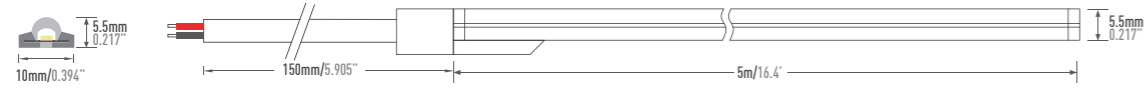


Soft light Dot free



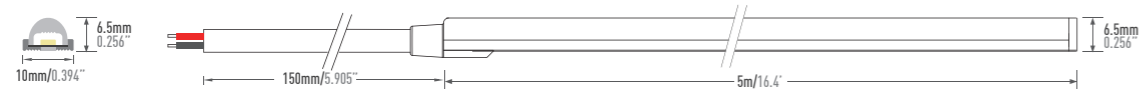
10*5.5mm

Model	Rated Watt	LED Qty.	DC Voltage	Color	CRI	Min. Cut	Lumens		
SC-2835-04/08-JT1005 IP67	12W/M 3.66 W/FT	240 240	24V 24V	SWW/WW/ NW/W	80/90 80/90	66.67mm 2.625"	1370Lm/M 418 Lm/FT	1390Lm/M 424 Lm/FT	1400Lm/M 427 Lm/FT
SC-2219-04/08-JT1005 IP67	9W/M 2.74 W/FT	288 288	24V 24V	SWW/WW/ NW/W	80/90 80/90	55.67mm 2.192"	1070Lm/M 326 Lm/FT	1090Lm/M 332 Lm/FT	1100Lm/M 355 Lm/FT



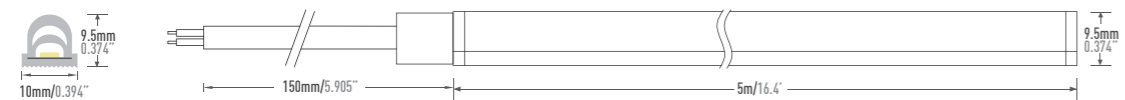
10*6.5mm

Model	Rated Watt	LED Qty.	DC Voltage	Color	CRI	Min. Cut	Lumens		
SC-2835-07-JT1006W IP67	15W/M 4.57 W/FT	238 238	24V 24V	WW/ NW/W	80/90 80/90	29.4mm 1.157"	1850Lm/M 564 Lm/FT	1950Lm/M 594 Lm/FT	2000Lm/M 610 Lm/FT
SC-2835-08-JT1006W IP67	14.4W/M 4.39 W/FT	240 240	24V 24V	WW/ NW/W	80 80	66.67mm 2.625"	1750Lm/M 533 Lm/FT	1770Lm/M 539 Lm/FT	1800Lm/M 549 Lm/FT
SC-3528-14-JT1006W IP67	15W/M 4.57 W/FT	252 252	24V 24V	SWW/ WW/W	70/80/90 70/80/90	55.55mm 2.187"	1100Lm/M 335 Lm/FT	1200Lm/M 366 Lm/FT	1600Lm/M 488 Lm/FT
SC-3014-07-JT1006W IP67	15W/M 4.57 W/FT	350 350	24V 24V	SWW/ WW/NW	80/90 80/90	20mm 0.787"	800Lm/M 244 Lm/FT	900Lm/M 274 Lm/FT	1200Lm/M 366 Lm/FT



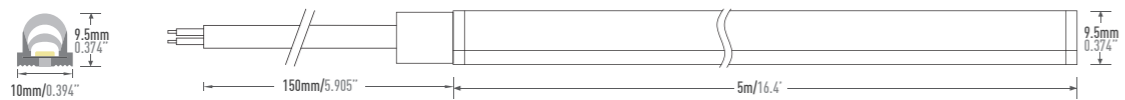
10*9.5mm (RGB)

Model	Rated Watt	LED Qty.	DC Voltage	Color	Min. Cut
SC-2835-07-JT1095-RGB IP67	14W/M 4.27 W/FT	168 168	24V 24V	RGB RGB	41.67mm 1.641"



10*9.5mm (RGBW)

Model	Rated Watt	LED Qty.	DC Voltage	Color	Min. Cut
SC-ML-07-JT1095-RGBXX IP67	14W/M 4.27 W/FT	252 252	24V 24V	RGBW/RGBNW /RGBWW	55.67mm 2.192"





RIGID LED STRIP

Seamless Series | P213-214

IP65 Gapless Lightbar Series | P215-216

ARK8 Series | P217-218

ARK9 Series | P219-220

M1619 Series | P221-222

Ultra-narrow Series | P223-224

Seamless Series

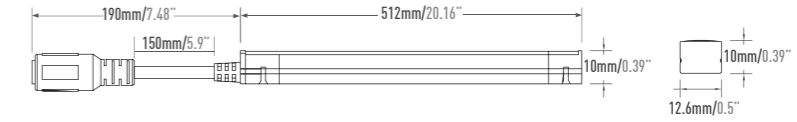


- Seamless joint strip
- High lighting effect, 2835/4014 high brightness LEDs
- Small size, 5m or 2m can be connected in maximum
- Magnetic or mount holder, convenient to install
- Suitable for cabinet, exhibition frame, goods shelf, wardrobe, bookcase and other lighting
- Length can be different



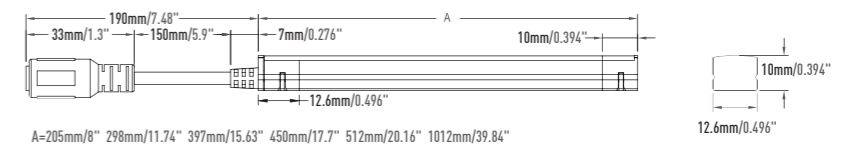
ARK6

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-ARK6-512	7.2W/PCS	12V	120°	80/90	20	605Lm/M	671Lm/M	716Lm/M
SC-ARK6-512	7.2W/PCS	12V	120°	80/90	20	184 Lm/FT	205 Lm/FT	218 Lm/FT



ARK7

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-ARK7-205	2.9W/M	12/24V	120°	80/90	20	300Lm/M	320Lm/M	340Lm/M
SC-ARK7-205	0.9W/FT	12/24V	120°	80/90	20	91 Lm/FT	98 Lm/FT	104 Lm/FT
SC-ARK7-298	4.3W/M	12/24V	120°	80/90	20	450Lm/M	470Lm/M	490Lm/M
SC-ARK7-298	1.3 W/FT	12/24V	120°	80/90	20	137 Lm/FT	143 Lm/FT	149 Lm/FT
SC-ARK7-397	5.76W/M	12/24V	120°	80/90	20	600Lm/M	640Lm/M	680Lm/M
SC-ARK7-397	1.8 W/FT	12/24V	120°	80/90	20	183 Lm/FT	195 Lm/FT	207 Lm/FT
SC-ARK7-450	6.5W/M	12/24V	120°	80/90	20	680Lm/M	725Lm/M	760Lm/M
SC-ARK7-450	2.0 W/FT	12/24V	120°	80/90	20	207 Lm/FT	221 Lm/FT	232 Lm/FT
SC-ARK7-512	7.56W/M	12/24V	120°	80/90	20	820Lm/M	870Lm/M	920Lm/M
SC-ARK7-512	2.3 W/FT	12/24V	120°	80/90	20	250 Lm/FT	265 Lm/FT	280 Lm/FT
SC-ARK7-1012	15.12W/M	12/24V	120°	80/90	20	1640Lm/M	1740Lm/M	1840Lm/M
SC-ARK7-1012	4.6 W/FT	12/24V	120°	80/90	20	500 Lm/FT	530 Lm/FT	561 Lm/FT



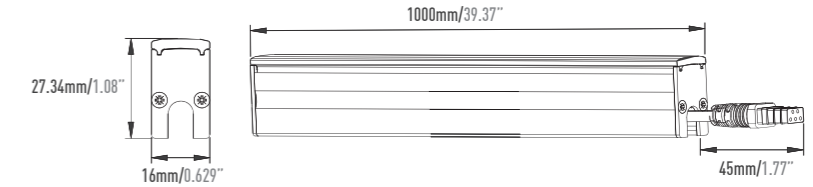
IP65 Gapless Lightbar



120 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating
SC-WHL SC-WHL	10.8W/M 3.3 W/FT	24V 24 V	120° 120°	80/90 80/90	65 65

Lumens		
787Lm/M 240 Lm/FT	788Lm/M 240 Lm/FT	817Lm/M 249 Lm/FT



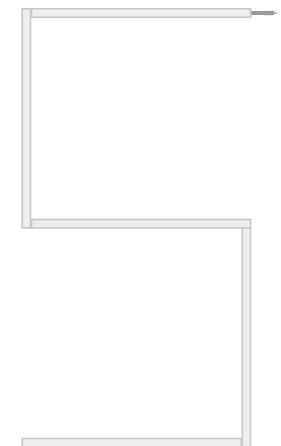
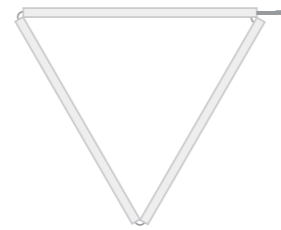
- WHLwaterproof lightbar is commonly used in outdoor landscape
- Adopt design of gapless joint and wire hidden in the back, and the lightbar can meet gapless joint
- Easy installation mounting clamp,can clamp at any position of LED strip, and can be installed at any angle; and it is pulling-resistant and waterproof
- High impact resistance, excellent waterproof performance up to IP65
- Small CCT drift, 2835 LEDs, uniform luminous surface, dot-free illumination



ARK8 Series

NEW

Seamless Lightbar

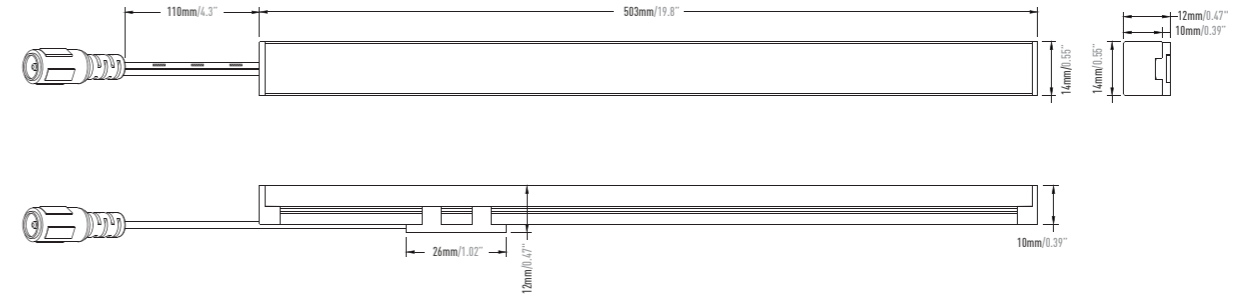


- Even and soft light
- The whole surface is luminous, no dark area, no frame
- Can be interconnected and freely spliced
- Easy to splice
- Hidden buckle design, more beautiful product, good overall effect



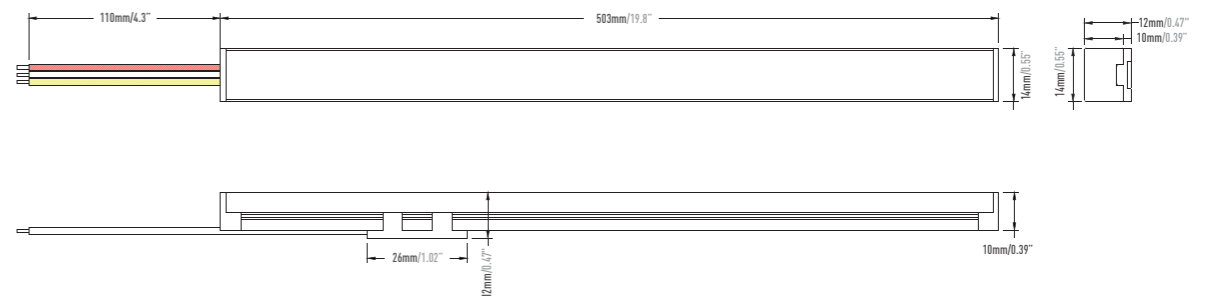
104 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-ARK8-2835 SC-ARK-2835	2.5W/M 0.8 W/FT	24V 24 V	120° 120°	80 80	20 20	240Lm/M 73 Lm/FT	250Lm/M 76 Lm/FT	260Lm/M 79 Lm/FT
SC-ARK8-2835 SC-ARK-2835	5W/M 1.5 W/FT	24V 24 V	120° 120°	90 90	20 20	510Lm/M 155 Lm/FT	520Lm/M 156 Lm/FT	530Lm/M 162 Lm/FT



240 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-ARK8-2216 SC-ARK-2835	7.2W/M 2.2 W/FT	24V 24 V	120° 120°	80 80	20 20	560Lm/M 171 Lm/FT



ARK9 Series

Seamless Lightbar

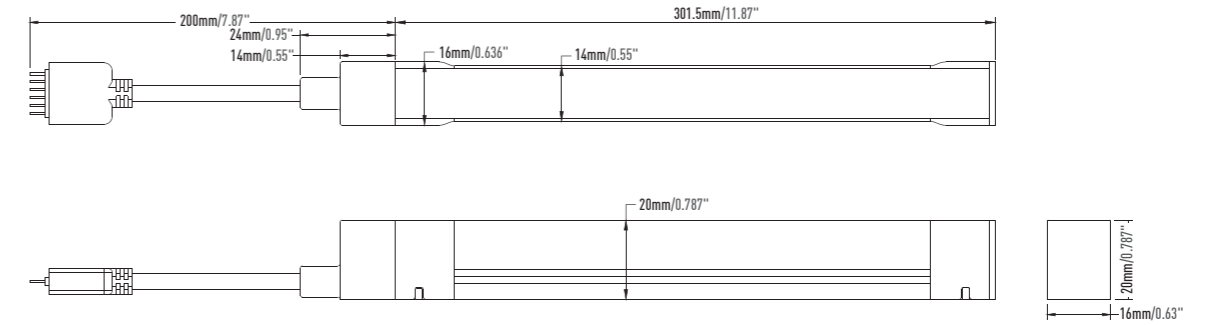


- The product is exquisite, beautiful, and textured;
- Seamless docking design, uniform light output, no dark areas;
- It can be spliced according to the required length for easy use;
- Tuya smart APP control+remote control, smart and convenient;
- RGB magic color+white light dual-CCT lighting design, combining decoration and lighting functions;
- Music rhythm function, full of entertainment immersion.



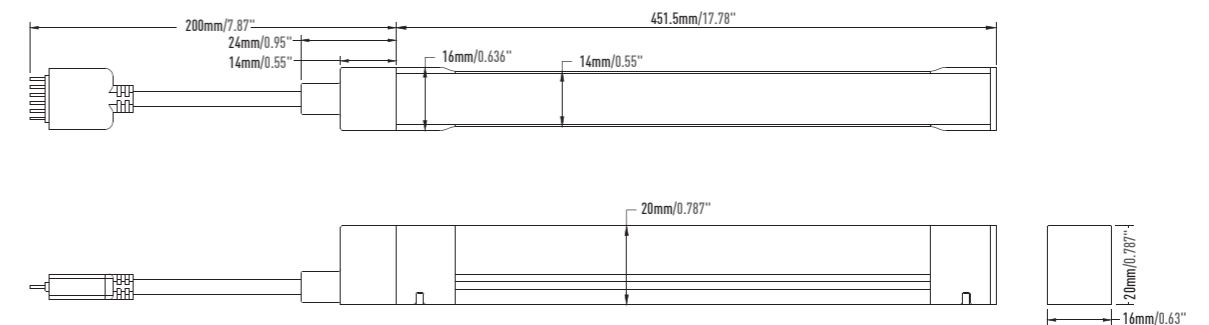
36 LEDs /pcs

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-ARK9-RGBTW	6W/pcs	24V	120°	80	20	74Lm/pcs (Yellow) 76Lm/pcs (White)
SC-ARK9-RGB	3.6W/pcs	24V	120°	80	20	



162 LEDs /pcs

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-ARK9-RGBTWIC	12.5W/M	12V	120°	80	20	190Lm/pcs (Yellow) 190Lm/pcs (White)



Control mode

WiFi & Bluetooth+IR remote control+ Button



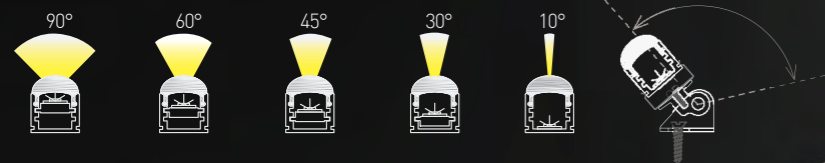
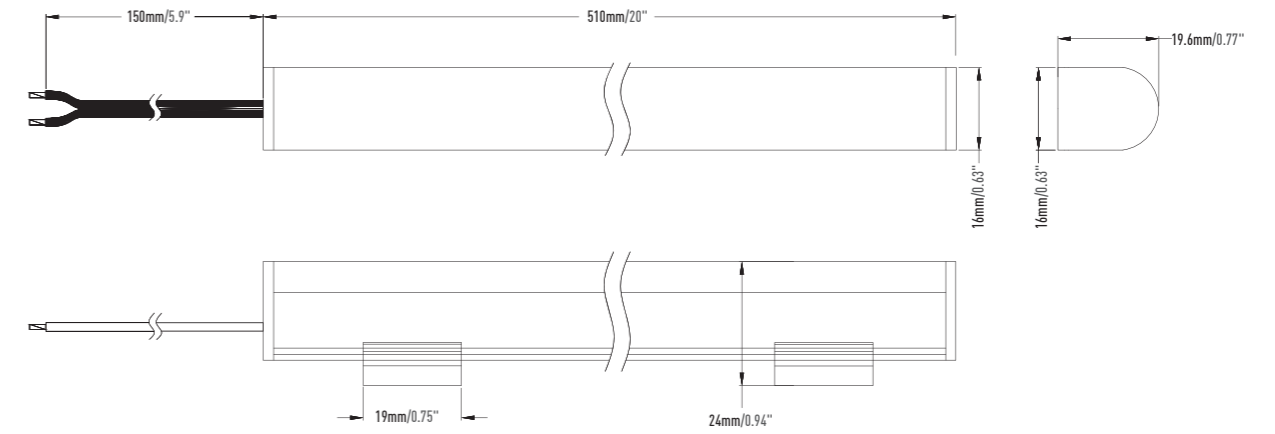
M1619 Series NEW

Beam Angle Adjustable



64 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-M1619-2835	4.2W/M	24V	10°/30°/45°/60°/90°	90	20	557Lm/M
SC-M1619-2835	1.3 W/FT	24 V	10°/30°/45°/60°/90°	90	20	170 Lm/FT



- The beam angle and range can be changed, with multiple angles available.
- Convenient manual adjustment of beam angle to adapt to different needs and environments



2835 Series
RGB Series
Built-in IC Series
2110 & 21016 Series
3014 Series
3528 Series
5050 Series
Special Strip
COB Strip
Neon Flex
Rigid Strip
Strip Kits

Ultra-narrow Series NEW

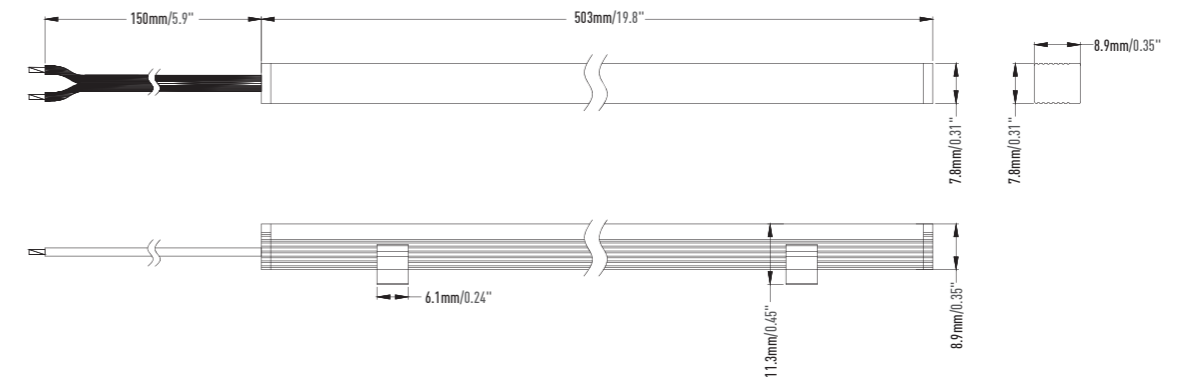


- The whole surface is luminous
- No dark area, no frame
- Soft and uniform light



112 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens
SC-078-2835 SC-078-2835	5.32W/M 1.6 W/FT	24V 24 V	120° 120°	80 80	20 20	395Lm/M 120 Lm/FT



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits



Strip Kits

Car LED Strip Light		P249-250
LED Plant Grow Light Kit		P251-252
SC-RGB-TY		P253-254
Dual-CCT Strip Kit		P255-256
SC-2835ST		P257-258
SC-5050ST-RGB-02		P259-260
SC-5050ST-RGB-03		P261-262
SC-0410-RGB-24		P263-264
SC-1212		P265-266
Magic RGB Kits		P267-268
AR Color Pickup		P269-270
TV Backlight Kits V2		P271-272
TV Backlight Kits V1		P273-274
Smart Light Bars		P275-276
SC-RGBTW		P277-278
SC-5050-RGBTW		P279-280
SC-5050RGBICD		P281-282

Signcomplex Technology Energizes the Upgrading of Smart LED Strip Products



Signcomplex Technology Energizes the Upgrading of Smart LED Strip Products.

Driven by multiple factors, the smart lighting industry has entered a golden period of development.

Looking at residential lighting, decoration and mixed application scenarios, smart LED strips have become essential items for consumers to improve their home environment and build whole-house intelligence.

On the one hand, the smart LED strip has such functions as brightness, CCT, RGB color and pixel adjustment, voice control, lighting linkage, lighting scene, etc., which can create colorful lighting effects for multiple applications; On the other hand, the low power consumption, time setting, health rhythm and other characteristics of smart lighting can also help traditional high energy consuming industries to reduce costs and increase efficiency. It also supports cross protocol communication.

To effectively build full-scene intelligence, China's leading intelligent lighting company Signcomplex and global IoT development platform provider Tuya Smart (NYSE: Tuya) announced a partnership and officially signed a cooperation agreement on April 28th. The signing ceremony was attended by Mary, Marketing Vice President, May, General Manager of Smart Lighting Division and Nick, Vice General Manager of Smart Lighting Division from Signcomplex, as well as Lin Tianzhun, General Manager of South China Region, Ren Hangbo, Marketing Director of IoT PaaS, and Deng Yi, Head of Lighting Sales of South China Region from Tuya Smart.

This cooperation marks that the two parties continue to deepen cooperation in the field of lighting, focus on improving the digital intelligence level of LED strip lighting products, and actively broaden the applications of smart lighting, so as to enhance the commercial imagination of the overall smart LED strip lighting industry.

The two parties took the lead in reaching cooperation in product smart upgrading. Signcomplex technology has realized the smart control of full series LED strip products. Relying on the Tuya IoT development platform, Signcomplex technology has realized the following series as of 2022 Q3:

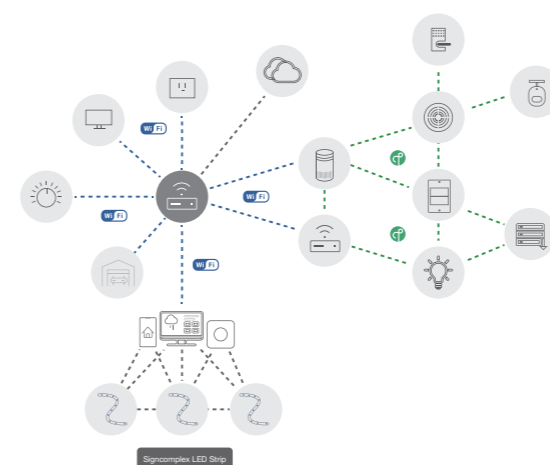
	Ordinary monochrome white LED strips		Healthy lighting pure white and warm white double-color LED strips		RGB full color decorative atmosphere LED strips
	RGB pixel strips		Mixed RGB color and tunable white application strips		Mixed RGB pixel and tunable white strips
	Dream color string lights		RGBW outdoor extrusion strips		NEON lights and other outdoor lighting product

The voice control module provided by Tuya Smart enables the intelligent control of the whole house lighting. In the future, we will continue to tap the potential of customer demand for entertainment atmosphere lighting, E-sport atmosphere lighting and commercial space display lighting, VR virtual reality application and other segments.

2022 Q4, Signcomplex as a leading LED strip lighting service provider, base on Tuya platform and start working with Amazon Alexa to implement a streamlined setup experience based on Matter, the new

industry-unifying connectivity protocol, offering better future of ambient intelligence, smart home, and voice AI.

New release home illumination, entertainment ambient and E-sports gaming fully solutions.



Lighting products include LED strips, rigid strip, flexible neon type, helping you to innovate the best smart home experience!

Working with wireless is ideal for mesh IoT wireless connectivity using for smart home, lighting and signcomplex full series strips. With key features like high performance 2.4 GHz RF, low current consumption and years of hardware assembly experience, reliable IoT device makers can create the smart, robust, and energy-efficient products. Target applications include gateways and hubs, sensors, switches, LED strips, location services, predictive maintenance, wake-word detection, timing, gaming scene touch and more.

Signcomplex is able to manage smart product lifecycle challenges.

To succeed in the intensely competitive smart home market, it is not enough to just develop and launch products to the market. With the continuously evolving software, security and wireless ecosystems, we must consider how to manage the entire IoT product lifecycle, from design to decommission, while meeting the user requirements every single day.



Signcomplex smart lighting core value

Hands-free	Faster	Fun and Cool

What Makes Signcomplex Lighting Smart?

A guide to protocols and applications

Smart lighting protocols

The major enabler of smart lighting systems and the journey to being IoT-enabled are the communication protocols. They provide the infrastructure and dictate the terms by which devices communicate to automate things around the home. This article will provide a guide to the communication protocols and standards enabling the current trends in smart lighting.

Due to variations in features, capabilities, mode of operation, and requirements, several communication protocols are adopted by manufacturers for various applications. Some of the popular Smart Home communication protocols include: WiFi, Zigbee, BLE, Matter.



Arguably the most well-known of the bunch, WiFi offers the easiest and probably the most robust communication path for smart home solutions because of its ubiquitous use in other everyday applications. Most homes would already have WiFi routers which makes deployment of WiFi-based smart home devices easier and cheaper. Its high bandwidth makes it suitable for applications that require high data throughput and its IP-based architecture makes deployment for IoT-based applications relatively easier and straightforward compared to other protocols.

However, all of the goodies come at a cost that includes high power consumption, short-range, and high susceptibility to interference which makes it unsuitable for most battery-powered smart home applications. There have, however, been several improvements over the years, with the most recent version, WiFi 6, offering better power and range performance.



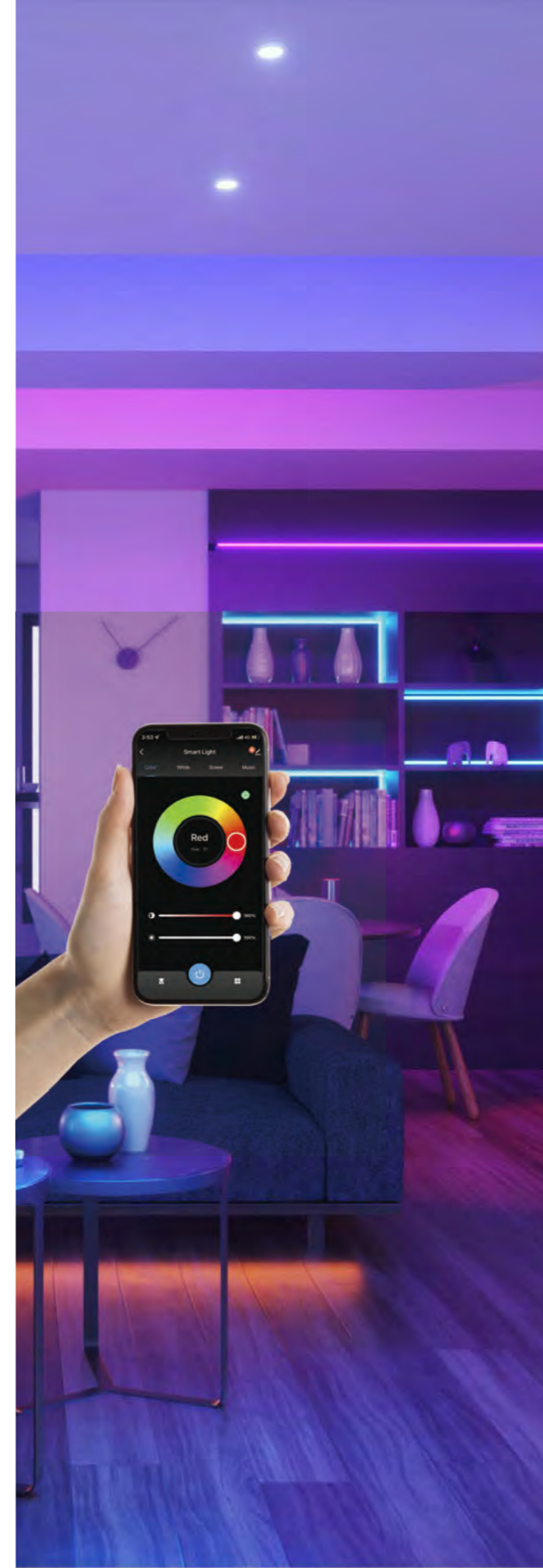
A very popular communication protocol within the Smart Home community. Zigbee is an Open, flexible (mesh network topology), and low power communication protocol developed on the 2.4 GHz band. It is perfect for battery-based smart home applications but it is not IP-based. As such, Zigbee-based devices require a gateway to connect to the internet for IoT-based applications which increases the cost of deployment. Zigbee offers low bandwidth and sometimes experiences a great deal of interference when deployed alongside WiFi due to competition on the 2.4 GHz band.



Developed by the Bluetooth special interest group, BLE (Bluetooth Low Energy), also referred to as Bluetooth Smart, is a modification to the Classic Bluetooth protocol with low power consumption as one of its major focuses. It's a product of the desire to reduce the amount of power consumed by devices, both when transmitting data and when idle, to ensure longer battery life. However, although it offers simplicity in deployment and low latency, it is severely hampered by its short range.



Developed by the Connectivity Standard Alliance (Previously the Zigbee alliance) and supported by major smart home solution manufacturers including; Apple, Amazon, and Google to mention a few. It is an IP-based protocol that is designed to tackle the interoperability challenges of smart home solutions, providing a framework that enables communication across devices, apps, and cloud services. Matter's architecture combines the bits and pieces of existing protocols to deliver a potentially one-size-fits-all protocol. The first specification release of the standard features WiFi and thread-based network layers with BLE being leveraged for commissioning.



Smart lighting application via



White, RGB, RGBIC strips



RGB and RGBIC strips



RGBIC strips



White, multi-color, RGB, RGBIC strips

Smart control

Basic

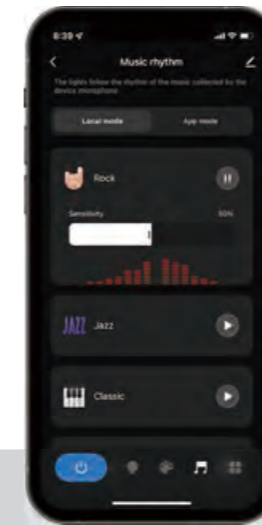


CCT adjustment, enjoy the warm life of lighting



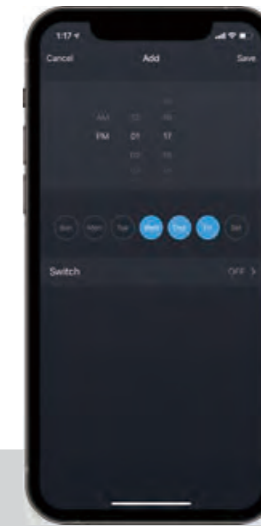
Color adjustment, add excitement to your life

Creativity



Dance with music, the exclusive stage shines for you

Time



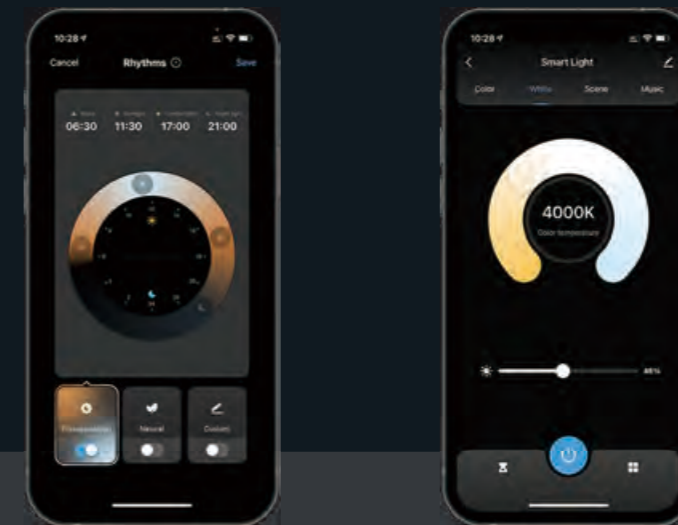
Holiday mode, let the lights guard our homes

Creativity



Scene library: rich lighting scenes optional

Health



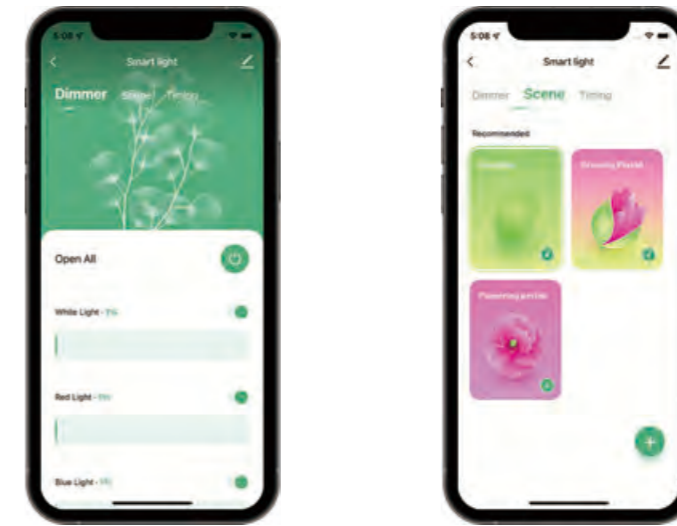
Biological rhythm, returning to the natural ecological light environment

Lighting Scenes

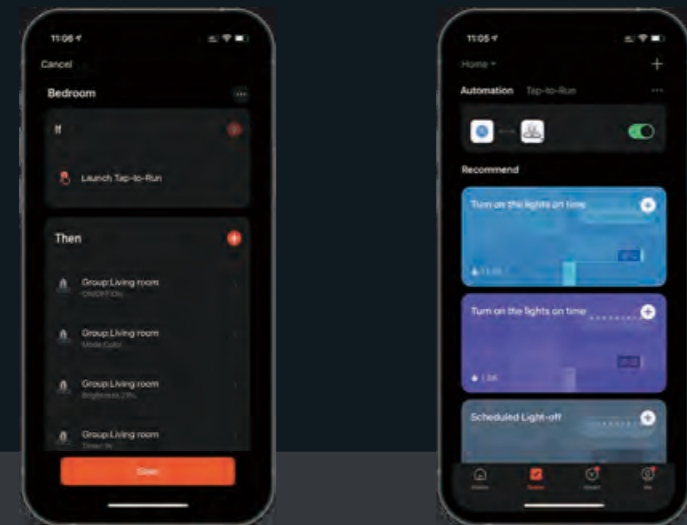


Dynamic scenarios, cloud updates

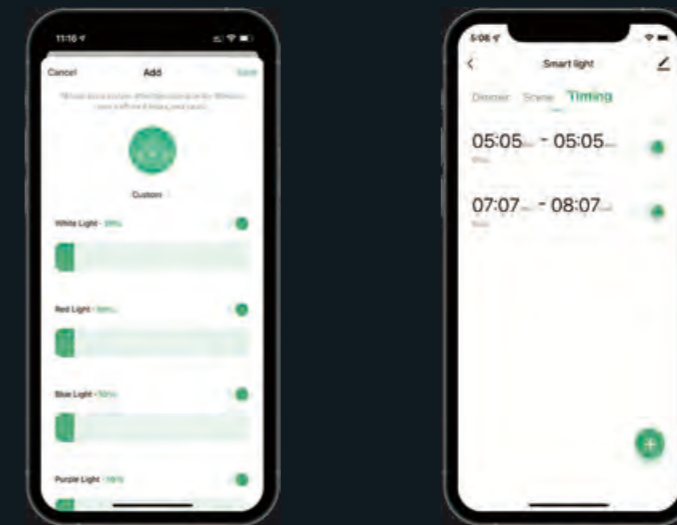
Plant Grow Lighting



Lighting Linkage



Intelligent linkage and automation



Entertainment is an Important Means to Relieve Our Stress

Signcomplex's entertainment atmosphere lighting system enables users to bring high-quality entertainment experience with the simplest steps. With this product and system, users can easily connect their home's colorful ambient products with their home entertainment system to raise their movie and television viewing, music listening and gaming experience to a whole new level.



Signcomplex HDMI Sync products are able to support

HDMI2.0, HDCP2.2, 4K 60Hz, HDR Dolby Vision



Video

Smart lighting application via RGB and RGBIC strips

Maximum compatibility

HDMI 4K Splitter, 3 HDMI In 1 Out, supports HDR, SDR, Dolby vision.



Feeling a sense of immersion

Wired to HDMI SYNC, the product uses NRZ code communication to synchronise the image information of the input video device with the lighting rendering effect, so that you can enjoy a great viewing atmosphere experience and realize streamer overflow.

Limitless possibility

Connect your HDMI Sync Box to up to 3 HDMI devices. Connect your HDMI-connected devices, such as set-top boxes, streaming dongles, and gaming consoles, to the sync box to mirror their content with your smart lights.

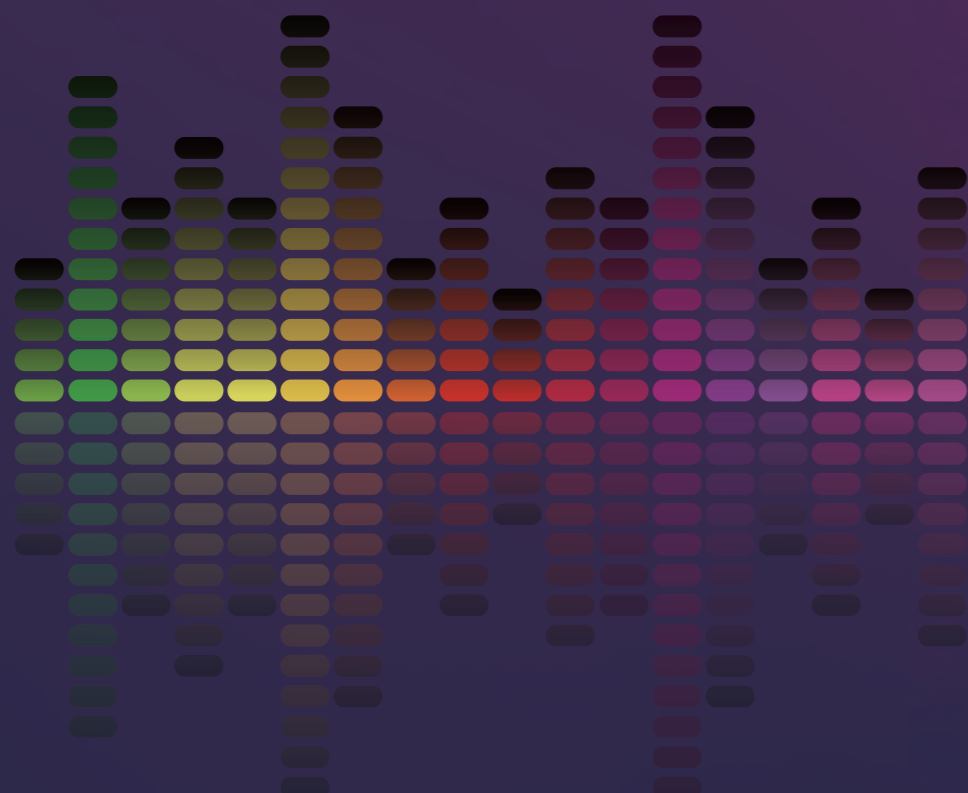
Ultimate TV and game lighting experience

Create the most beautiful backlight for your TV or display. Just mount light strip beside your screen and enhance your viewing experience with splashes of light surrounding your TV or display. (Notes: the product needs to work with HDMI sync box).

Music Rhythm

Stunning immersive experience

The local/external MEMS MIC picks up external sound sources and uses a fast Fourier transform algorithm to precisely realise the sound frequency and light synchronisation rhythm effect, enjoying the passionate sound field experience brought by audio and feeling more deeply moved.



Syncs with your music

With an internal high-sensitivity mic, light strips can react and move to the beat of your music, movie, and gaming audio for an immersive sound and light experience like never before.

Music rhythm



Local music

The lights follow the rhythm of the music collected by the device microphone



APP music

The lights follow the music collected by the phone microphone

Local

Rock/Jazz/Classical/Roll/Energy/Spectrum



Rock



Jazz



Classical



Roll



Energy



Spectrum

APP mode

Music rhythm/Game/Romantic



Music rhythm

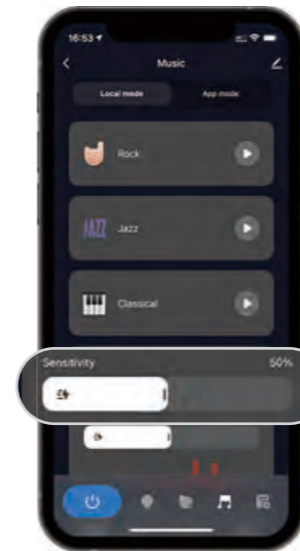


Game



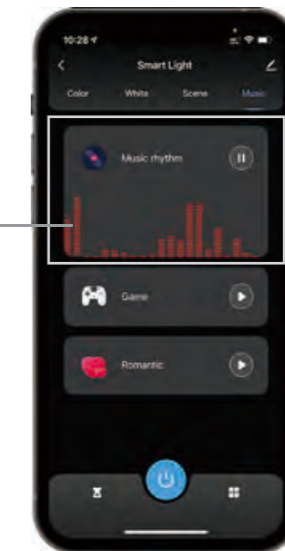
Romantic

Sensitivity



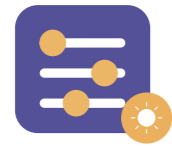
Volume size sensitivity

Music style sensitivity



Smart Lighting Solution

Based on wireless protocol, user may control On/Off, switch scenario through mobile phone, voice, or remote control. The products apply to various smart lighting scenarios at home, in the office and so on.



Brightness adjustment

The brightness can be freely adjusted to suit different scenarios. For example, you can set the brightness to a perfect level while studying and working, or resting and relaxing



Tunable color temperature

Cold light illuminates daily living, warm light creates a romantic atmosphere, and color temperature adjustment makes lighting the best decoration



Scenario switch

Rich selection of scenes, one-click switching of preset lighting scenes, bringing poetry and painting to every moment of life



Sleep and wake-up

In the morning, the light mimics the gradual rising of the sun to awaken you in a gentle and relaxing way. At night, the light casts a soft and warm glow in your room to help you sleep



On/Off timer

The lights are turned on or off according to schedule, making life more convenient



Countdown timer

Turn on or off the light after the countdown is over, preset the delay of on/off



No-Disturb upon outage

It is suitable for areas with frequent power outages, to avoid sudden light on and wake up users when power outages and backs on. Turn on Do Not Disturb after Power Outage, after turning off the lights on the APP, the lights will only turn on after being powered on twice




Non-volatile memory


Intelligently memorize the light state before power off, and automatically restore the light state before power off. At the same time, it supports user-defined settings of the light status when power on

Lighting Scene

Reading companion in study room

Adjust brightness and color temperature as you like, and intelligently control to accompany reading and study





Bedside companion along with falling asleep and waking up

In the morning, the light mimics the gradual rising of the sun to awaken you in a gentle and relaxing way. At night, the light casts a soft and warm glow in your room to help you sleep.

<p>Natural awakening</p> <p>The light intensity of the natural wake-up lamp will gradually increase during 30 minutes before the time you set for getting up. As the light enters your eyes, the energy hormones in your body are stimulated, preparing your body to wake up with natural pleasure and vitality. It can be cloud or local timing.</p>	<p>Light sensitivity</p> <p>The higher the brightness of the light used, the shorter the time a person wakes up. The light intensity of Signcomplex smart white light strip can be set to 250lux at most. This ensures that you can set the required light intensity according to your personal needs to wake up happily. Need to be linked with smart sensor.</p>	<p>Noise helps you sleep</p> <p>When lying in bed, every kind of noise (from the squeak of the bed board to the exhalation of your partner) keeps your brain on high alert. However, white noise, pink noise and brown noise can shield and cover the above-mentioned sounds, making people feel more comfortable, thus helping people to sleep better and face the stressful environment in real life, so as to maintain a positive mood all day long, which is also beneficial to people's financial situation.</p>
--	---	--



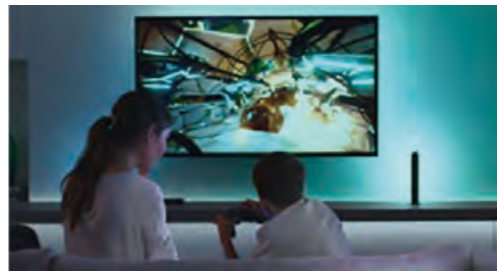
Smart lighting application via

- High efficiency 2835 LED strip
- High density 2216 LED strip
- Ultra-long connected constant current LED strip
- Dim to warm dimmable LED strip
- Other 2835, 5050 double-color LED strip

Smart Control

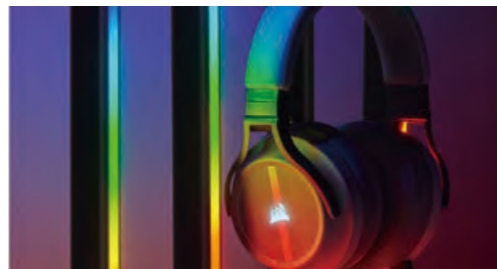
Millions of colors

Your light strip features millions of colors for combinations built to suit every mood, making your home the ultimate entertainment destination.



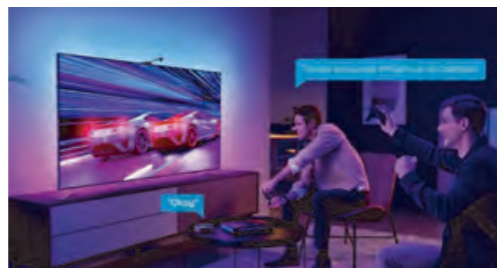
Voice activated

Works with Alexa and Google Assistant via WiFi to effortlessly control these light strips features hands-free, including on/off, brightness, colors, and even lighting effects.



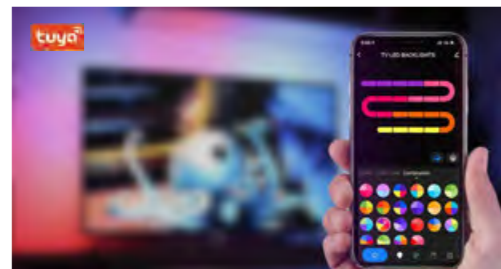
Dynamic addressable RGB color

Let your imagination run alright. Set more color at one time on the bendable strip lights and also display flowing, animated multi-color effects based on nature, holidays, and emotions.



Smart app control

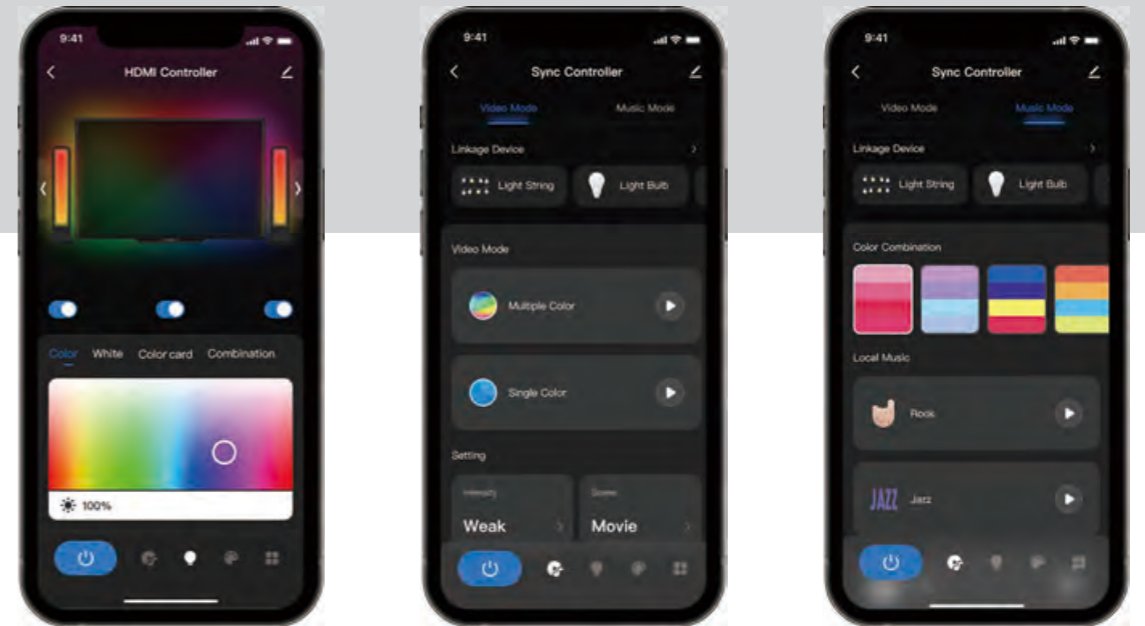
Powered by Tuya APP, enabling fully customized and synchronized RGB lighting. Control segmented color and brightness, group with other lights by rooms, automate lighting schedules, and discover more user-generated effects in the Light Studio.



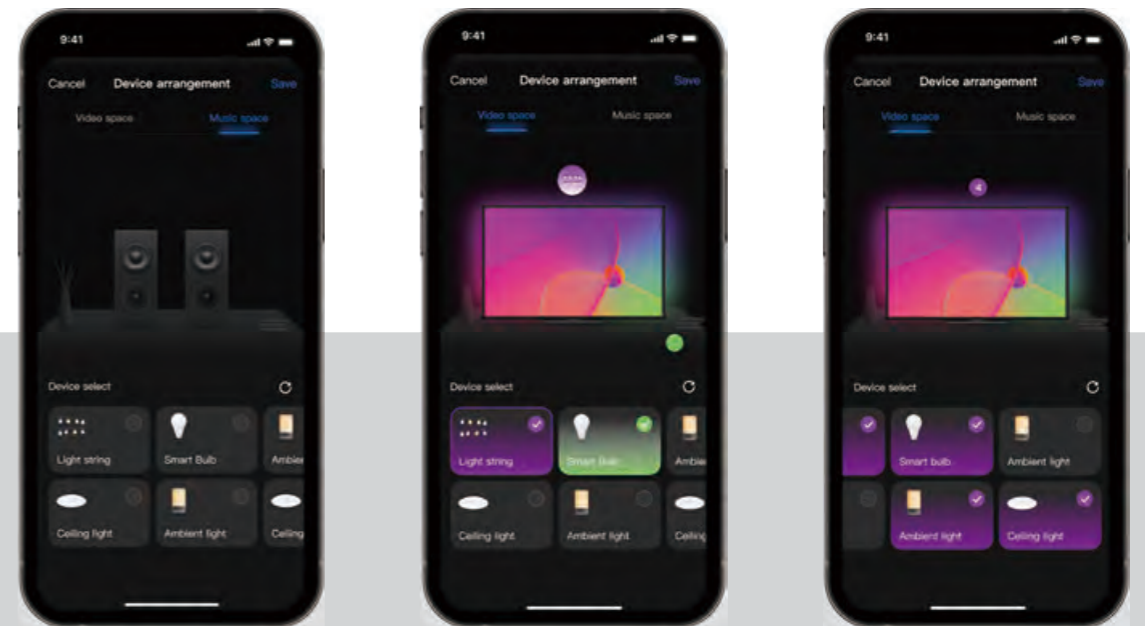
Immersive ambient lighting

Extend your PC's RGB lighting, illuminating your environment with diffused colors and intricate lighting effects to create an immersive backdrop of ambient lighting.

LIGHT CONTROL SEPARATELY, VIDEO AND MUSIC MODE



DEVICE ARRANGEMENT AND GROUP SETTING



Car LED Strip Light



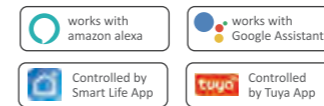
- Color adjustable
- Music mode
- Brightness adjustable
- Multiple modes
- Remote control
- Easy installation
- APP control
- Schedule time

RGB series

Model	Color	Power	DC Voltage	LED Qty	Operating temperature
SC-5050RGB-AL	RGB	5.6W/PCS	12V	36LEDs/PCS	-25°C-70°C

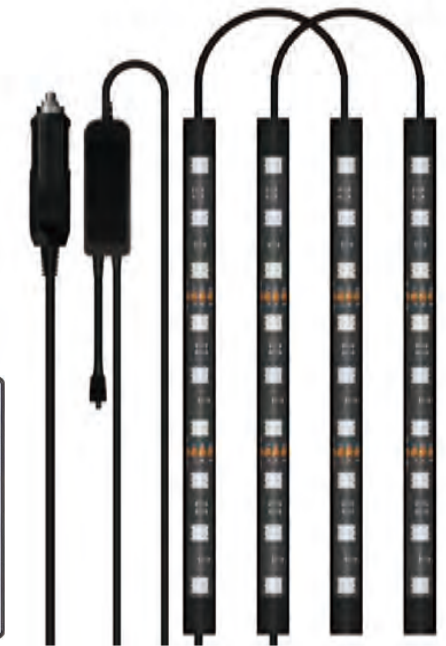
Control mode

Bluetooth+IR remote control+ Button



PACKAGING

- 4 x LED strips with tape
- 1 x Car charger
- 1 x Controller
- 8 x Ties

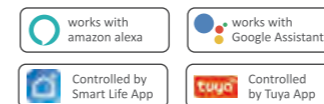


RGBIC series

Model	Color	Power	DC Voltage	LED Qty	Operating temperature
SC-5050RGBIC-AL	RGBIC	6W/PCS	12V	36LEDs/PCS	-25°C-70°C

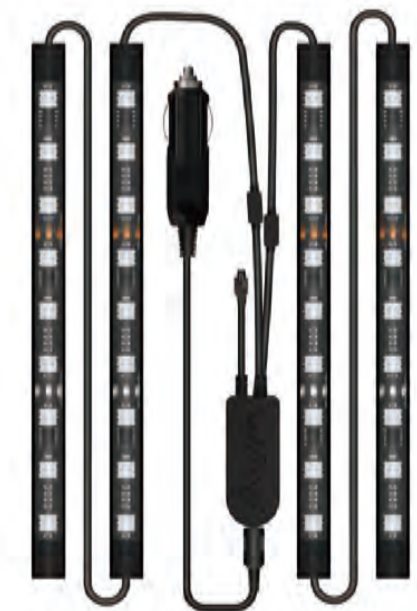
Control mode

Bluetooth+IR remote control+ Button



PACKAGING

- 4 x LED strips with tape
- 1 x Car charger
- 1 x Controller
- 8 x Ties



- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

LED Plant Grow Light Kit

- Full-spectrum
- Photosynthesis
- High light efficiency
- ON/OFF
- Dimming
- Easy installation
- Without flicker
- 50-500mm



Specification

Model	Color	Wavelength or CRI	PPFD	Applicaiton
SC-2835-PGL	Full Spectrum	CRI>95	200μmol/m ² /sPlant Grow	
SC-2835-PGL	Red+Blue	660nm+460nm	120μmol/m ² /sPlant Grow	
SC-2835-PGL	Red+White	660nm+4000K	150μmol/m ² /sPlant Grow	
SC-2835-PGL	Red+Blue+White	660nm+460nm+4000K	180μmol/m ² /sPlant Grow	

Connections

2 Way, 4 Way or 6 Way

Input Type

100-240VAC adapter and DC 5V or DC12V LED lights

Control mode

Switch, Bluetooth or Wifi&Bluetooth

PACKAGING

4 x Lights

1 x Power cords with controller

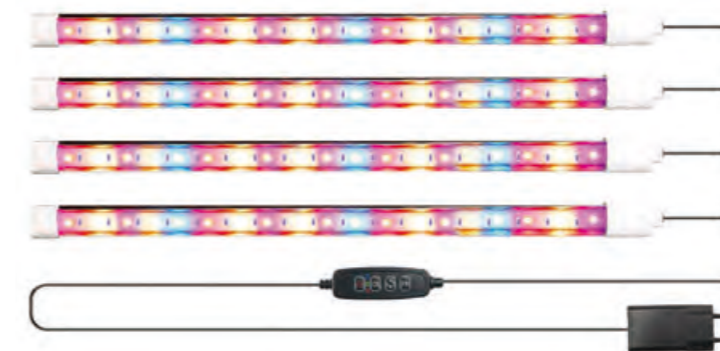
1 x Adapter

8 x ties

8 x Clips

8 x Double-sided Tapes

Note: the quantity of packing accessories varies with different versions, in kind prevail.



SC-RGB-TY



- Color adjustable
- Music mode
- Brightness adjustable
- Multiple modes
- Remote control
- Easy installation
- APP control
- Schedule time

IP20

	Model	LED Qty.	DC Voltage	Length	IP Rating	Width x Height
	SC-RGBTY-30D	30LEDs/m	12V	2m	20	10x2.3mm
	SC-RGBTY-48D	48LEDs/m	12V	2m	20	10x2.3mm
	SC-RGBTY-60D	60LEDs/m	12V	2m	20	10x2.3mm

Illuminance

140-180mcd/LED 400-510mcd/LED 80-105mcd/LED

IP44

	Model	LED Qty.	DC Voltage	Length	IP Rating	Width x Height
	SC-RGBTY-30D	30LEDs/m	12V	2m	44	10x3mm
	SC-RGBTY-48D	48LEDs/m	12V	2m	44	10x3mm
	SC-RGBTY-60D	60LEDs/m	12V	2m	44	10x3mm

Illuminance

128-165mcd/LED 368-470mcd/LED 73-96mcd/LED

IP65

	Model	LED Qty.	DC Voltage	Length	IP Rating	Width x Height
	SC-RGBTY-30D	30LEDs/m	12V	2m	65	16x16/10x23mm
	SC-RGBTY-48D	48LEDs/m	12V	2m	65	16x16/10x23mm
	SC-RGBTY-60D	60LEDs/m	12V	2m	65	16x16/10x23mm

Illuminance

128-165mcd/LED 368-470mcd/LED 73-96mcd/LED

Control mode

Bluetooth+IR remote control+ Button



PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box



Dual-CCT Strip Kit NEW

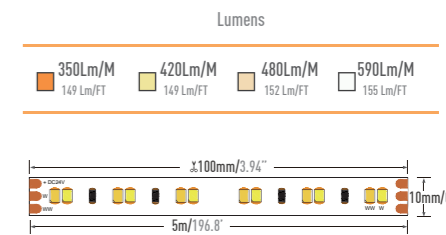
Controller with LCD display

- Controller with LCD display, digitally displaying CCT and brightness
- Can be cut and installed easily
- Brightness adjustable from 5%-100%, with 20 levels
- CCT adjustable from 1800K-6500K, with 24 levels
- RF control, more stable remote signal, with the remote control synchronized with the LCD display



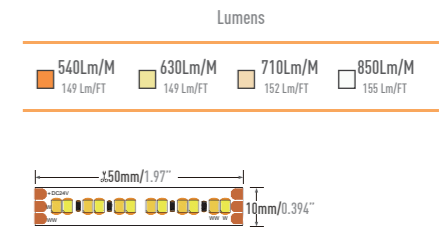
120 LEDs /M

Model	Rated Watt	DC Voltage	Length	Width x Height	IP Rating
SC-2835-CTA-120D SC-2835-CTA-120D	4.8W/M 1.5 W/FT	24V 24 V	5M 16.4FT	10x1.2mm 0.39X0.05FT	20 20



240 LEDs /M

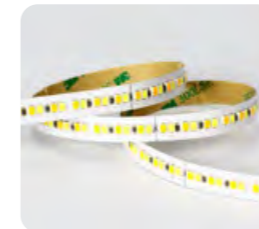
Model	Rated Watt	DC Voltage	Length	Width x Height	IP Rating
SC-2835-CTA-240D SC-2835-CTA-240D	7.2W/M 2.2 W/FT	24V 24 V	5M 16.4FT	10x1.2mm 0.39X0.05FT	20 20



Control mode

RF remote control

PACKAGING



1 x LED strip light



1 x Control box



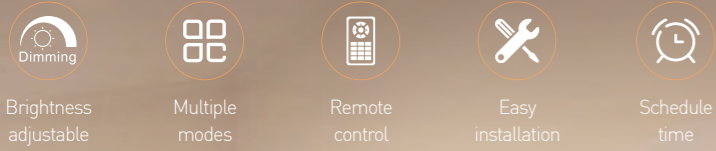
1 x Adapter



1 x Remote controller

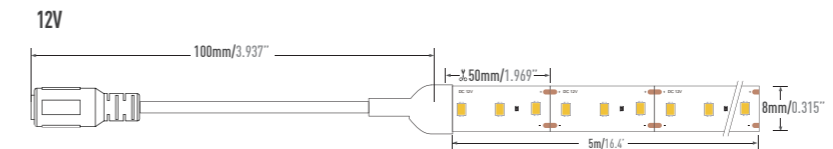
- 2835 Series
- RGB Series
- Built-in IC Series
- 2110 & 21016 Series
- 3014 Series
- 3528 Series
- 5050 Series
- Special Strip
- COB Strip
- Neon Flex
- Rigid Strip
- Strip Kits

SC-2835ST



60 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating		Lumens		
⊗	SC-2835ST SC-2835ST	4.8W/M 1.5 W/FT	12V 12V	120° 120°	80 80	20 20				
⊙	SC-2835ST SC-2835ST	4.8W/M 1.5 W/FT	12V 12V	120° 120°	80 80	64 64				



Control mode

RF remote control

PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box



SC-5050ST-RGB-02



Brightness adjustable



Multiple modes



Remote control



Easy installation



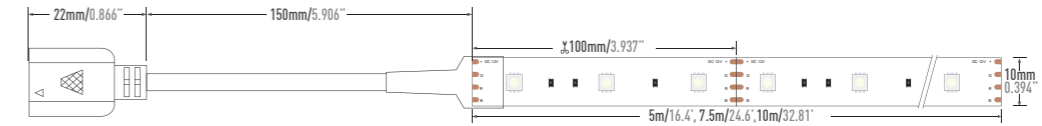
Schedule time



30 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-5050ST SC-2835ST	3.6W/M 1.1 W/FT	12V 12 V	120° 120°	20 20	1.2mm 0.05" 10mm/0.394"
⊙	SC-5050ST SC-2835ST	3.6W/M 1.1 W/FT	12V 12 V	120° 120°	64 64	3.2mm 0.125" 10mm/0.394"

12V



Control mode

IR remote control

PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box

SC-5050ST-RGB-03



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control



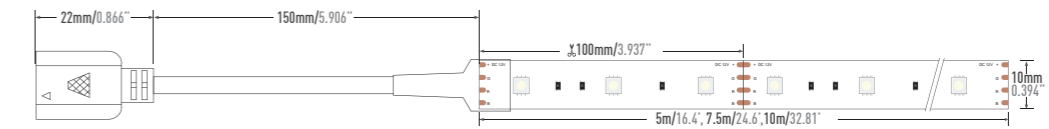
Schedule time



30 LEDs /M

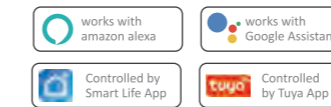
	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-5050ST SC-2835ST	3.6W/M 1.1 W/FT	12V 12 V	120° 120°	20 20	1.2mm 0.05" 10mm/0.394"
⊙	SC-5050ST SC-2835ST	3.6W/M 1.1 W/FT	12V 12 V	120° 120°	64 64	3.2mm 0.125" 10mm/0.394"

12V



Control mode

WiFi & Bluetooth+IR remote control+ Button



PACKAGING

- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box

SC-0410-RGB-24



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control

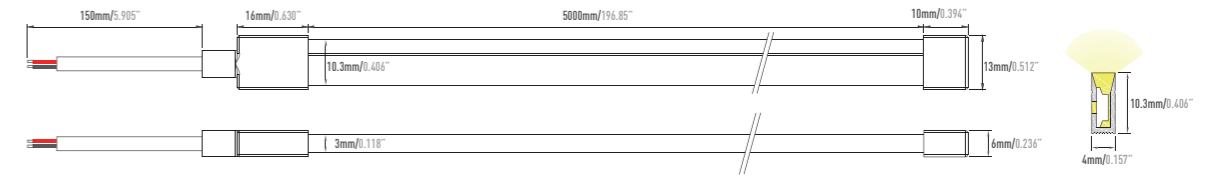


Schedule time

- Small and beautiful, extremely narrow luminous surface
- Tuya dual-mode intelligent control, multiple colors adjustable
- High cost performance

128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-0410-RGB	13.1W/M	24V	120°	65
SC-0410-RGB	4.0 W/FT	24 V	120°	65



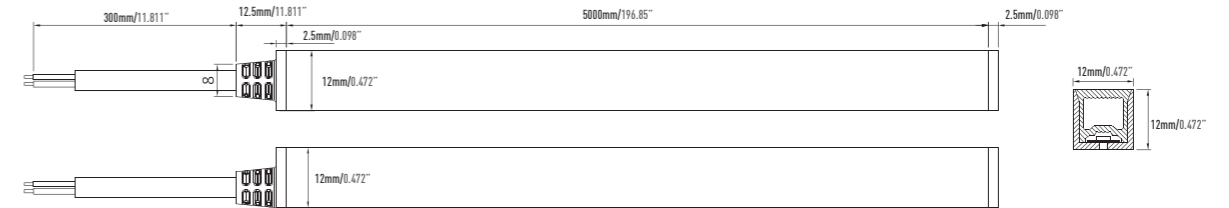
SC-1212

- Can be cut arbitrarily to match the installation size, three-sided luminous, large beam angle
- Using high-end vapor phase silicone, strong weather resistance, no yellowing, good flexibility and plasticity
- Good waterproof effect, safer application
- Various color temperature can be selected, no light dot can be seen even in close distance, soft light



128 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Lumens		
SC-1212	10W/M	12/24V	270°	80	65	1015Lm/M	1025Lm/M	1035Lm/M
SC-1212	3.0 W/FT	12/24 V	270°	80	65	309 Lm/FT	312 Lm/FT	315 Lm/FT



Magic RGB Kits NEW



16 million colors pickup



Music rhythm



Static color adjustable



Dynamic mode



Microphone pickup



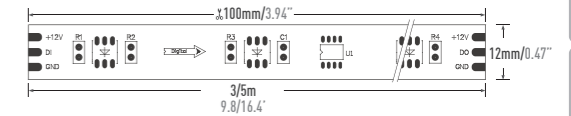
Plug and Play



Timing switch on/off

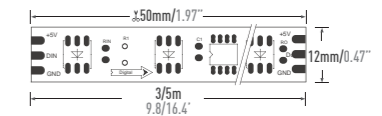
30 LEDs/M

	Model	Rated Watt	DC Voltage	Length	IP Rating
	SC-5050-30D-3M SC-5050-30D-3M	18W 18 W	12V 12 V	3M 9.84FT	65
	SC-5050-30D-5M SC-5050-30D-5M	18W 18 W	12V 12 V	5M 16.4FT	65



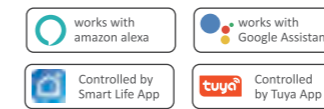
60 LEDs/M

	Model	Rated Watt	DC Voltage	Length	IP Rating
	SC-5050-60D-3M SC-5050-60D-3M	15W 15 W	5V 5 V	3M 9.84FT	65
	SC-5050-60D-5M SC-5050-60D-5M	15W 15 W	5V 5 V	5M 16.4FT	65

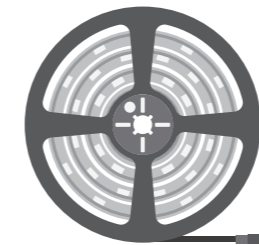


Control mode

WiFi & Bluetooth+IR remote control+ Button



PACKAGING



LED Strip light *1



Power supply *1



Remote control *1



Plastic clips



Screws

Note: The parts list is based on the standard configuration of the specification.



AR Color Pickup NEW

TV LED Ambience Kit



16 million colors pickup



Music rhythm



Multiple modes



Screen color sync



Easy installation



APP control



30 LEDs /M

Model	Rated Watt	DC Voltage	Length	Screen Size
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	1.5M 4.9FT	24-32INCH 7.3-9.8FT
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	2.5M 4.9FT	35-42INCH 7.3-9.8FT
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	3.5M 4.9FT	50-80INCH 7.3-9.8FT
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	4.5M 4.9FT	85-100INCH 7.3-9.8FT

Illuminance

37Lm/pcs 110Lm/pcs 27Lm/pcs

60 LEDs /M

Model	Rated Watt	DC Voltage	Length	Screen Size
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	1.5M 4.9FT	24-32INCH 7.3-9.8FT
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	2.5M 4.9FT	35-42INCH 7.3-9.8FT
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	3.5M 4.9FT	50-80INCH 7.3-9.8FT
SC-5050-03 SC-5050-03	3W/M 0.9 W/FT	12V 12 V	4.5M 4.9FT	85-100INCH 7.3-9.8FT

Illuminance

40Lm/pcs 120Lm/pcs 30Lm/pcs

Control mode(optional)

1. Bluetooth + Button

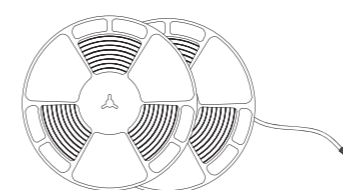


2. Bluetooth + Button

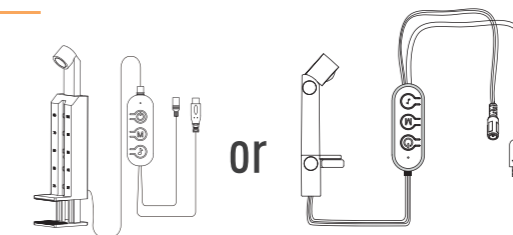


3. RF remote control + Button

PACKAGING



LED strip light *1



Induction&control unit *1



Power adapter *1



Clip *6

Note: The parts list is based on the standard configuration of the specification.

TV Backlight Kits NEW V2 version



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control

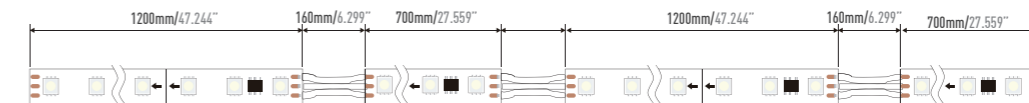


Schedule time



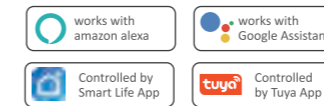
30 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
SC-5050-RGB-V2 SC-5050-RGB-V2	24W/pcs 24 W/pcs	12V 12 V	120° 120°	20 20	1.2mm 0.05" 10mm/0.315"

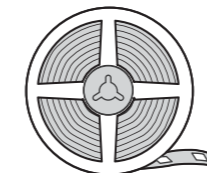


Control mode

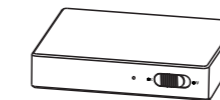
WiFi & Bluetooth+IR remote control+ Button



PACKAGING



LED Strip Light x1



HDMI Sync control Box x1



Power Adapter x1



Fixing Clips x14



HDMI Cable x1

Note: The parts list is based on the standard configuration of the specification.
Strip light length:12.5ft/3800mm, suitable TV size:55-65 inch.

TV Backlight Kits V1 version



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control

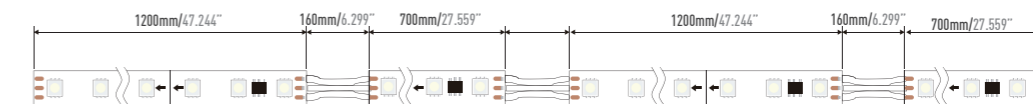


Schedule time



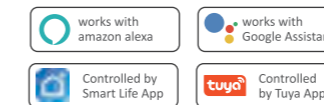
30 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
	SC-5050-RGB SC-5050-RGB	5.5W/M 1.7 W/FT	12V 12V	120° 120°	20 20	 1.2mm 0.05" 10mm/0.315"
	SC-5050-RGB SC-2835-RGB	5.5W/M 1.7 W/FT	12V 12V	120° 120°	64 64	 3.2mm 0.125" 10mm/0.394"
	SC-5050-RGB SC-2835-RGB	5.5W/M 1.7 W/FT	12V 12V	120° 120°	65 65	 4.3mm 0.18" 12mm/0.472"

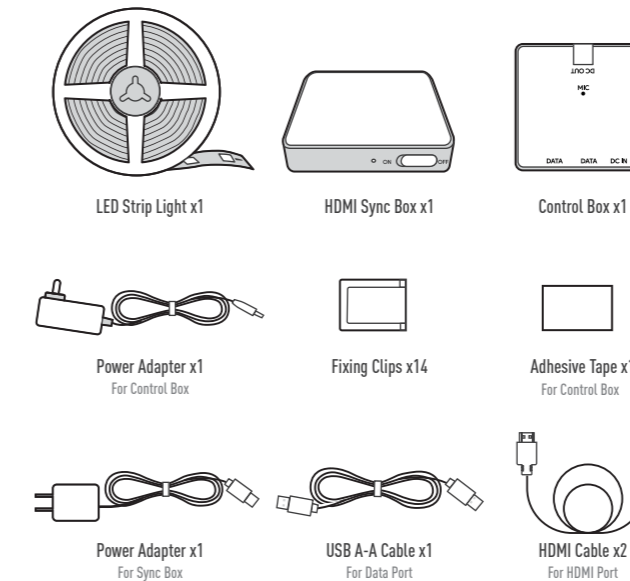


Control mode

WiFi & Bluetooth+IR remote control+ Button



PACKAGING



Note: The parts list is based on the standard configuration of the specification.

Smart Light Bars



Brightness adjustable



Color adjustable



Dynamic mode



APP control



Schedule time



Multiple devices control



Multiple ways to use



27 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-5050-RGBIC-A SC-5050-RGBIC-A	2.5W/M 0.76 W/FT	12V 12 V	270° 270°	64 64
SC-ML-RGBIC-B SC-2835-RGBIC-B	2.5W/M 0.76 W/FT	12V 12 V	270° 270°	64 64

Illuminance

21.3Lm/pcs 21.3Lm/pcs 50Lm/pcs

56.8Lm/pcs 56.8Lm/pcs 130.6Lm/pcs

132 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	IP Rating
SC-2835-RGBIC-C SC-2835-RGBIC-C	14W/M 4.27 W/FT	12V 12 V	270° 270°	64 64

Illuminance

10.5Lm/pcs 10.5Lm/pcs 24.1Lm/pcs

Control mode

WiFi & Bluetooth+IR remote control+ Button



PACKAGING



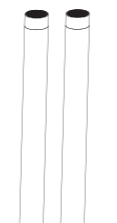
Waterproof adapter*1



Wall Mount Clip*2



Black triangular base*2



Lamp body*2



Remote control *1



Type A



Type B



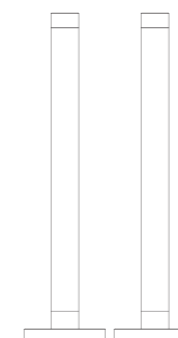
Type C



Remote control *1



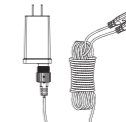
Waterproof adapter*1



Lamp body*2



Remote control *1



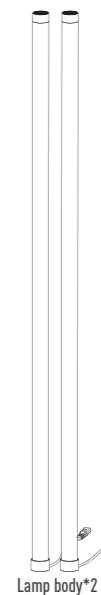
Waterproof adapter*1



Wall Mount Clip*2



Base*2



Lamp body*2

Note: The parts list is based on the standard configuration of the specification.

SC-RGBTW



Color adjustable



Music mode



Brightness adjustable



Multiple modes



Remote control



Easy installation



APP control

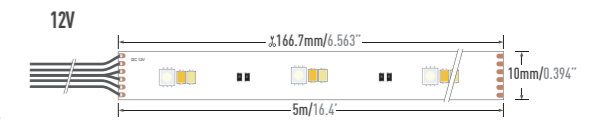


Schedule time



54 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-RGBTW SC-RGBTW	8W/M 2.44 W/FT	12V 12 V	120° 120°	80 80	20 20	
SC-RGBTW SC-RGBTW	8W/M 2.44 W/FT	12V 12 V	120° 120°	80 80	44 44	
SC-RGBTW SC-RGBTW	8W/M 2.44 W/FT	12V 12 V	120° 120°	80 80	65 65	



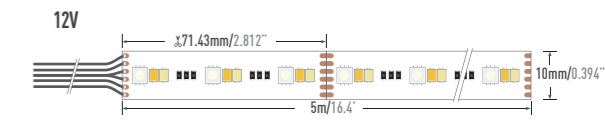
90 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-RGBTW SC-RGBTW	10W/M 3.05 W/FT	12V 12 V	120° 120°	80 80	20 20	
SC-RGBTW SC-RGBTW	10W/M 3.05 W/FT	12V 12 V	120° 120°	80 80	44 44	
SC-RGBTW SC-RGBTW	10W/M 3.05 W/FT	12V 12 V	120° 120°	80 80	65 65	



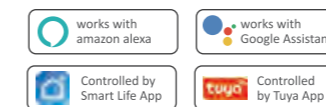
126 LEDs /M

Model	Rated Watt	DC Voltage	Beam Angle	CRI	IP Rating	Diagram
SC-RGBTW SC-RGBTW	12W/M 3.66 W/FT	12V 12 V	120° 120°	80 80	20 20	
SC-RGBTW SC-RGBTW	12W/M 3.66 W/FT	12V 12 V	120° 120°	80 80	44 44	
SC-RGBTW SC-RGBTW	12W/M 3.66 W/FT	12V 12 V	120° 120°	80 80	65 65	



Control mode

WiFi & Bluetooth+IR remote control+ Button (Tuya smart controller), RF remote control (RF Mini-controller)

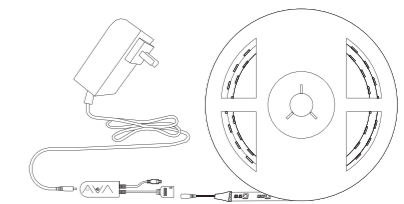


PACKAGING

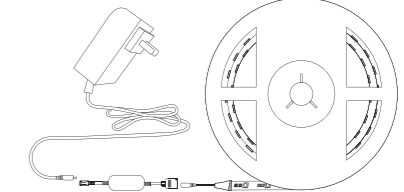
- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box

Note: the quantity of packing accessories varies with different versions, in kind prevail.

Tuya smart controller



RF Mini-controller



2835 Series

RGB Series

Built-in IC Series

2110 & 21016 Series

3014 Series

3528 Series

5050 Series

Special Strip

COB Strip

Neon Flex

Rigid Strip

Strip Kits

SC-5050-RGBTW NEW



Brightness adjustable



Color adjustable



Controller optional



multiple Sync & control



Ra 80/90



Cutable



144 LEDs /M

	Model	Rated Watt	DC Voltage	Beam Angle	IP Rating	
⊗	SC-5050-KIT SC-5050-KIT	18W/M 5.49 W/FT	24V 24 V	120° 120°	20 20	
⊙	SC-5050-DTKIT SC-5050-DTKIT	18W/M 5.49 W/FT	24V 24 V	120° 120°	64 64	



Control mode

IR remote control

PACKAGING

2 x LED strip light

1 x Remote controller

1 x Adapter

1 x Control box



SC-5050RGBICD



- Color adjustable
- Music mode
- Brightness adjustable
- Multiple modes
- Remote control
- Easy installation
- APP control
- Schedule time

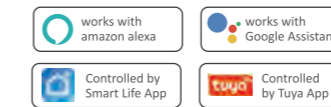


SC-5050RGBICD

Model	LED Qty.	Power	Beam Angle	Voltage	IP Rating
SC-5050RGBICD-30D SC-5050RGBICD-30D	30LEDs/m 30 LEDs/m	1.8W/m 0.55W/FT	120° 120°	12V 12 V	IP64 IP64
SC-5050RGBICD-48D SC-5050RGBICD-48D	48LEDs/m 48 LEDs/m	3.0W/m 0.9W/FT	120° 120°	12V 12 V	IP64 IP64
SC-5050RGBICD-60D SC-5050RGBICD-60D	60LEDs/m 60 LEDs/m	3.6W/m 1.10W/FT	120° 120°	12V 12 V	IP64 IP64

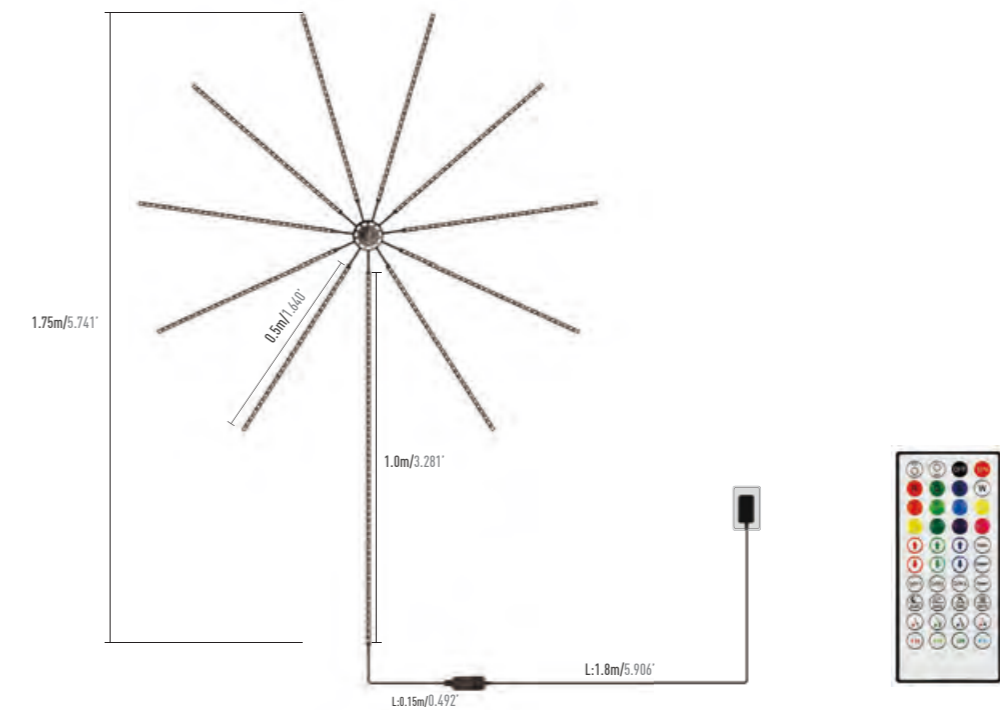
Control mode

WiFi & Bluetooth+IR remote control+ Button



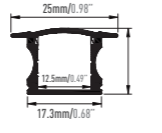

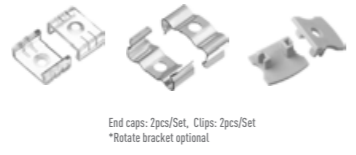
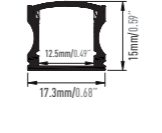


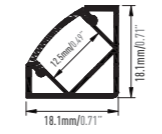

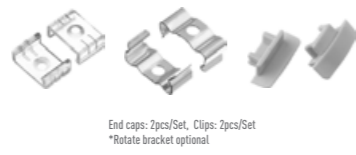
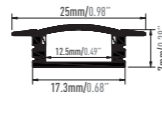


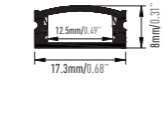


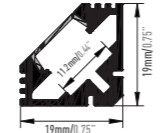


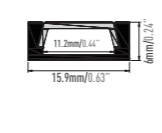
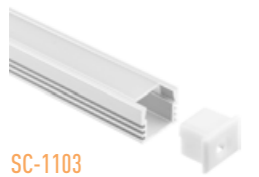

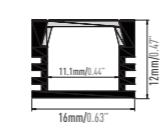







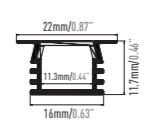


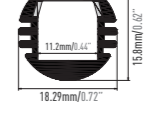


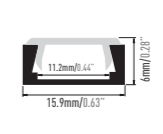


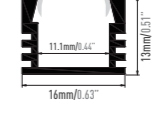


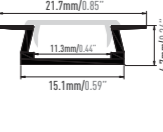


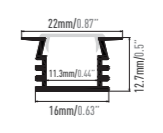


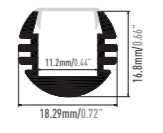


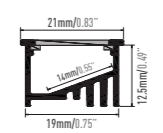


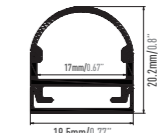
PACKAGING



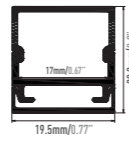


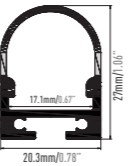


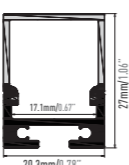
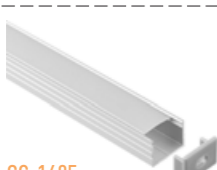

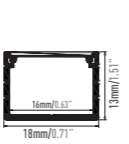
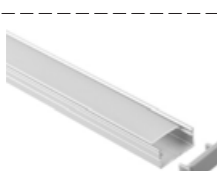

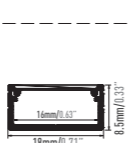
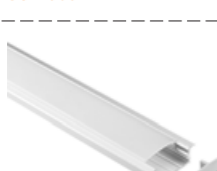

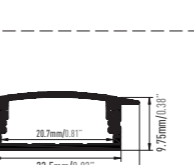


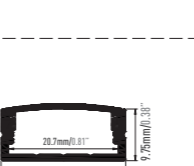



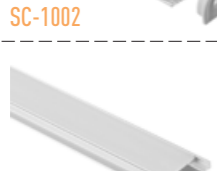

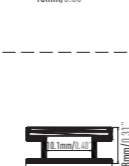
- 1 x LED strip light
- 1 x Remote controller
- 1 x Adapter
- 1 x Control box









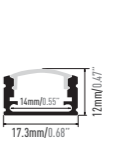


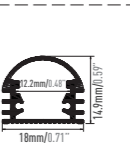





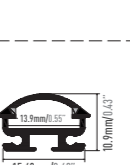


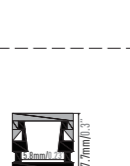


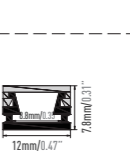


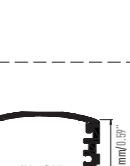




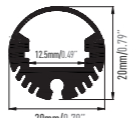


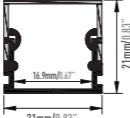


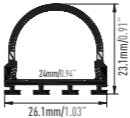


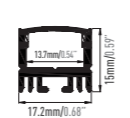


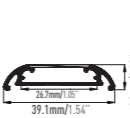








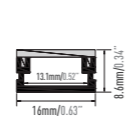
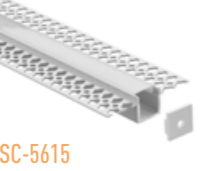


Aluminum Profile






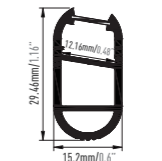


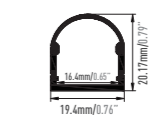





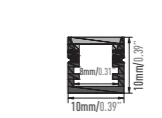
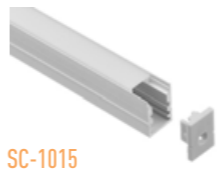

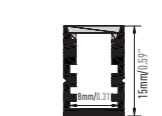



Picture	Accessories	Dimensions	FPC Width
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 25mm/0.98" 12.5mm/0.49" 17.3mm/0.68"	12mm/0.47"
	 End caps: 2pcs/Set, Clips: 2pcs/Set *Rotate bracket optional	 12.5mm/0.49" 15mm/0.59" 17.3mm/0.68"	12mm/0.47"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 12.5mm/0.49" 18.1mm/0.71" 18.1mm/0.71"	12mm/0.47"
	 End caps: 2pcs/Set, Clips: 2pcs/Set *Rotate bracket optional	 25mm/0.98" 12.5mm/0.49" 17.3mm/0.68" 7mm/0.28"	12mm/0.47"
	 End caps: 2pcs/Set, Clips: 2pcs/Set *Rotate bracket optional, ± 90 degrees rotate accessory optional	 12.5mm/0.49" 8mm/0.31" 17.3mm/0.68"	12mm/0.47"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 12.5mm/0.49" 19mm/0.75" 19mm/0.75"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 11.2mm/0.44" 6mm/0.24" 15.9mm/0.63"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 11.1mm/0.44" 12mm/0.47" 16mm/0.63"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 21.7mm/0.85" 11.3mm/0.44" 15mm/0.59" 5.7mm/0.22"	11mm/0.43"

Picture	Accessories	Dimensions	FPC Width
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 22mm/0.87" 11.3mm/0.44" 11.7mm/0.46" 16mm/0.63"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 11.2mm/0.44" 15.3mm/0.60" 18.29mm/0.72"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 11.2mm/0.44" 6mm/0.24" 15.9mm/0.63"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 11.1mm/0.44" 12mm/0.47" 16mm/0.63"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 21.7mm/0.85" 11.3mm/0.44" 15.1mm/0.59" 6.7mm/0.26"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 22mm/0.87" 11.3mm/0.44" 12.7mm/0.5" 16mm/0.63"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 11.2mm/0.44" 16.8mm/0.66" 18.29mm/0.72"	11mm/0.43"
	 End caps: 2pcs/Set, Clips: 2pcs/Set	 21mm/0.83" 11mm/0.43" 12.5mm/0.49" 19mm/0.75"	13mm/0.51"
	 End caps: 2pcs/Set	 17mm/0.67" 20.3mm/0.8" 19.5mm/0.77"	16mm/0.63"

Picture	Accessories	Dimensions	FPC Width
 SC-1602	 End caps: 2pcs/Set	 17mm/0.67" 20.2mm/0.8" 19.5mm/0.77"	16mm/0.63"
 SC-1603	 End caps: 2pcs/Set, Clips: 2pcs/Set *suspension slings optional	 17mm/0.67" 20.3mm/0.78" 20mm/0.79"	16mm/0.63"
 SC-1604	 End caps: 2pcs/Set, Clips: 2pcs/Set *suspension slings optional	 17mm/0.67" 20.3mm/0.78" 20mm/0.79"	16mm/0.63"
 SC-1605	 End caps: 2pcs/Set, Clips: 2pcs/Set	 16mm/0.63" 18mm/0.71" 13mm/0.51"	16mm/0.63"
 SC-1606	 End caps: 2pcs/Set, Clips: 2pcs/Set	 16mm/0.63" 18mm/0.71" 6.5mm/0.25"	16mm/0.63"
 SC-2001	 End caps: 2pcs/Set, Clips: 2pcs/Set	 20.2mm/0.81" 23.5mm/0.93" 30.3mm/1.19" 9.75mm/0.38"	20mm/0.79"
 SC-2002	 End caps: 2pcs/Set, Clips: 2pcs/Set	 20.2mm/0.81" 23.5mm/0.93" 9.75mm/0.38"	20mm/0.79"
 SC-1002	 End caps: 2pcs/Set, Clips: 2pcs/Set *90 degrees rotate accessory optional	 10.5mm/0.41" 16mm/0.63" 14mm/0.55"	10mm/0.39"
 SC-1003	 End caps: 2pcs/Set, Clips: 2pcs/Set	 10.5mm/0.41" 19.1mm/0.75" 8mm/0.31"	10mm/0.39"

Picture	Accessories	Dimensions	FPC Width
 SC-00	 End caps: 2pcs/Set, Clips: 2pcs/Set	 11mm/0.43" 16.8mm/0.66"	10mm/0.39"
 SC-01	 End caps: 2pcs/Set, Clips: 2pcs/Set	 13.5mm/0.53" 15.67mm/0.62" 16mm/0.63"	13.5mm/0.53"
 SC-03	 End caps: 2pcs/Set, Clips: 2pcs/Set	 14mm/0.55" 17.3mm/0.68" 12mm/0.47"	14mm/0.55"
 SC-1810	 End caps: 2pcs/Set, Clips: 2pcs/Set	 12.2mm/0.48" 16.8mm/0.66" 18mm/0.71"	12mm/0.47"
 SC-11	 End caps: 2pcs/Set, Clips: 2pcs/Set	 14.4mm/0.57" 20.2mm/0.8" 14.8mm/0.59"	16mm/0.63"
 SC-06	 End caps: 2pcs/Set, Clips: 2pcs/Set	 13.5mm/0.53" 15.68mm/0.62" 10.7mm/0.42"	13.5mm/0.53"
 SC-07	 End caps: 2pcs/Set, Clips: 2pcs/Set	 8mm/0.31" 7.7mm/0.3"	5mm/0.2"
 SC-08	 End caps: 2pcs/Set, Clips: 2pcs/Set	 12mm/0.47" 7.8mm/0.31"	8mm/0.31"
 SC-10	 End caps: 2pcs/Set, Clips: 2pcs/Set	 21.3mm/0.84" 25mm/0.98" 15.1mm/0.59"	20mm/0.79"

Picture	Accessories	Dimensions	FPC Width
 SC-2020	 End caps: 2pcs/Set, Clips: 2pcs/Set *suspension slings optional	 20mm/0.79" 12.5mm/0.49"	12mm/0.47"
 SC-2121	 End caps: 2pcs/Set, Clips: 2pcs/Set	 21mm/0.83" 16.1mm/0.63"	16mm/0.63"
 SC-2401	 End caps: 2pcs/Set, Clips: 2pcs/Set *suspension slings optional	 26.1mm/1.03" 21.1mm/0.83"	16mm/0.63"
 SC-1715	 End caps: 2pcs/Set, Clips: 2pcs/Set *suspension slings optional	 17.2mm/0.68" 13.7mm/0.54"	13mm/0.52"
 SC-2601	 End caps: 2pcs/Set, Clips: 2pcs/Set	 39.1mm/1.54" 23.2mm/0.91" 8.8mm/0.35"	26mm/1.02"
 SC-2007	 End caps: 2pcs/Set, Clips: 2pcs/Set	 23.5mm/0.93" 20.2mm/0.8"	20mm/0.79"
 SC-1815	 End caps: 2pcs/Set, Clips: 2pcs/Set	 12mm/0.47" 10.1mm/0.39"	10mm/0.39"
 SC-1610	 End caps: 2pcs/Set	 16mm/0.63" 13.1mm/0.51" 8.6mm/0.34"	13mm/0.51"
 SC-5615	 End caps: 2pcs/Set	 55.5mm/2.19" 15.3mm/0.6" 12.5mm/0.49"	12mm/0.47"

Picture	Accessories	Dimensions	FPC Width
 SC-2008	 End caps: 2pcs/Set, Clips: 2pcs/Set	 23.5mm/0.93" 20.8mm/0.82"	20mm/0.79"
 SC-1401	 End caps: 2pcs/Set, Clips: 2pcs/Set	 29.4mm/1.16" 15.2mm/0.6" 12.1mm/0.48"	12mm/0.47"
 SC-1608	 End caps: 2pcs/Set, Clips: 2pcs/Set	 19.4mm/0.76" 16.4mm/0.65" 23.77mm/0.94"	16mm/0.63"
 SC-2610	 End caps: 2pcs/Set	 21.4mm/0.84" 11mm/0.43" 12.2mm/0.48"	12mm/0.47"
 SC-1010	 End caps: 2pcs/Set	 10mm/0.39" 10mm/0.39"	8mm/0.31"
 SC-1015	 End caps: 2pcs/Set, Clips: 2pcs/Set	 10mm/0.39" 15mm/0.59"	8mm/0.31"
 SC-1615	 End caps: 2pcs/Set, Clips: 2pcs/Set	 10mm/0.39" 15mm/0.59"	8mm/0.31"

Connector

Non-waterproof

8mm (Single color)

SC-C1-8
Strip to wire connector
PCB Width: 8mm
Overcurrent: 3A Max

SC-C2-8
Strip to strip connector
PCB Width: 8mm
Overcurrent: 3A Max

SC-C3-8
Strip to strip with wire
PCB Width: 8mm
Overcurrent: 3A Max

L-CONNECTOR
Strip to strip connector
PCB Width: 8mm
Overcurrent: 3A Max

T-CONNECTOR
Strip to strip connector
PCB Width: 8mm
Overcurrent: 3A Max

CON-1-8
Anti-pull, with white box
Strip to wire connector
PCB Width: 8mm
Overcurrent: 3A Max

CON-2-8
Anti-pull, with white box
Strip to strip connector
PCB Width: 8mm
Overcurrent: 3A Max

CON-3-8
Anti-pull, with white box
Strip to strip with wire
PCB Width: 8mm
Overcurrent: 3A Max

SC-HP-N8XB-2
Anti-pull, with box
Strip to wire connector
PCB Width: 8mm
Overcurrent: 5A Max

SC-HP-N8BB-2
Anti-pull, with box
Strip to strip connector
PCB Width: 8mm
Overcurrent: 5A Max

SC-XB8-2P
Anti-pull, box with screws
Strip to wire connector
PCB Width: 8mm
Overcurrent: 6A Max

SC-BB8-2P
Anti-pull, box with screws
Strip to strip connector
PCB Width: 8mm
Overcurrent: 6A Max

10mm (Single color)

SC-C1-10
Strip to wire connector
PCB Width: 10mm
Overcurrent: 3A Max

SC-C2-10
Strip to strip connector
PCB Width: 10mm
Overcurrent: 3A Max

SC-C3-10
Strip to strip with wire
PCB Width: 10mm
Overcurrent: 3A Max

L-CONNECTOR
Strip to strip connector
PCB Width: 10mm
Overcurrent: 3A Max

T-CONNECTOR
Strip to strip connector
PCB Width: 10mm
Overcurrent: 3A Max

CON-1-10
Anti-pull, with white box
Strip to wire connector
PCB Width: 10mm
Overcurrent: 3A Max

CON-2-10
Anti-pull, with white box
Strip to strip connector
PCB Width: 10mm
Overcurrent: 3A Max

CON-3-10
Anti-pull, with white box
Strip to strip with wire
PCB Width: 10mm
Overcurrent: 3A Max

SC-HP-N10XB-2/2G
Anti-pull, with box
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max
* Suitable for 30-120LEDs/M or 240LEDs/m

SC-HP-N10BB-2/2G
Anti-pull, with box
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max
* Suitable for 30-120LEDs/M or 240LEDs/m

SC-XB10-2P
Anti-pull, box with screws
Strip to wire connector
PCB Width: 10mm
Overcurrent: 6A Max

SC-BB10-2P
Anti-pull, box with screws
Strip to strip connector
PCB Width: 10mm
Overcurrent: 6A Max

10mm (Double color)

SC-C1-3P-10
Strip to wire connector
PCB Width: 10mm
Overcurrent: 3A Max

SC-C2-3P-10
Strip to strip connector
PCB Width: 10mm
Overcurrent: 3A Max

SC-C3-3P-10
Strip to strip with wire
PCB Width: 10mm
Overcurrent: 3A Max

SC-HP-N10XB-3
Anti-pull, with box
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max

SC-HP-N10BB-3
Anti-pull, with box
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max

10mm (RGB color)

SC-C1-RGB
Strip to wire connector
PCB Width: 10mm
Overcurrent: 3A Max

SC-C2-RGB
Strip to strip connector
PCB Width: 10mm
Overcurrent: 3A Max

SC-C3-RGB
Strip to strip with wire
PCB Width: 10mm
Overcurrent: 3A Max

CON-1-RGB
Anti-pull, with white box
Strip to wire connector
PCB Width: 10mm
Overcurrent: 3A Max

CON-2-RGB
Anti-pull, with white box
Strip to strip connector
PCB Width: 10mm
Overcurrent: 3A Max

CON-3-RGB
Anti-pull, with white box
Strip to strip with wire
PCB Width: 10mm
Overcurrent: 3A Max

SC-HP-N10XB-4
Anti-pull, with box
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max

SC-HP-N10BB-4
Anti-pull, with box
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max

12mm (4in1 color)

SC-HP-N12XB-5/5G
Anti-pull, with box
Strip to wire connector
PCB Width: 12mm
Overcurrent: 5A Max
* Suitable for 30-120LEDs/M or 240LEDs/m

SC-HP-N12XB-5/5G
Anti-pull, with box
Strip to strip connector
PCB Width: 12mm
Overcurrent: 5A Max
* Suitable for 30-120LEDs/M or 240LEDs/m

Waterproof

8mm (Epoxy/Single color)

SC-HPS-N8XB-2
Epoxy strip, Anti-pull
Strip to wire connector
PCB Width: 8mm
Overcurrent: 5A Max

SC-HPS-N8BB-2
Epoxy strip, Anti-pull
Strip to strip connector
PCB Width: 8mm
Overcurrent: 5A Max

10mm (Epoxy/Single color)

SC-HPS-N10XB-2
Epoxy strip, Anti-pull
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max

SC-HPS-N10BB-2
Epoxy strip, Anti-pull
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max

10mm (Silicon sleeve/Single color)

SC-FS-N10XB-2
Silicon sleeve, Anti-pull
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max

SC-FS-N10BB-2
Silicon sleeve, Anti-pull
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max

10mm (Epoxy/Double color)

SC-HPS-N10XB-3
Epoxy strip, Anti-pull
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max

SC-HPS-N10BB-3
Epoxy strip, Anti-pull
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max

10mm (Silicon sleeve/RGB color)

SC-HPS-N10XB-4
Silicon sleeve, Anti-pull
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max

SC-HPS-N10BB-4
Silicon sleeve, Anti-pull
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max

10mm (Epoxy/RGB color)

SC-HPS-N10XB-4
Epoxy strip, Anti-pull
Strip to wire connector
PCB Width: 10mm
Overcurrent: 5A Max

SC-HPS-N10BB-4
Epoxy strip, Anti-pull
Strip to strip connector
PCB Width: 10mm
Overcurrent: 5A Max

12mm (4in1 color)

SC-HPS-N12XB-5
Anti-pull, with box
Strip to wire connector
PCB Width: 12mm
Overcurrent: 5A Max

SC-HPS-N12BB-5
Anti-pull, with box
Strip to strip connector
PCB Width: 12mm
Overcurrent: 5A Max

Accessories

Non-waterproof



SC-XC-JXD-D1

Single wire
Wire to wire connector
Overcurrent: 9A Max
Wire size: 22-18#



SC-XC-JXD-H2

Double wire
Wire to wire connector
Overcurrent: 9A Max
Wire size: 22-18#



SC-XC-JXD-T1

Single wire
T connector wire
Overcurrent: 9A Max
Wire size: 22-18#



SC-XC-JXD-T2

Double wire
T connector wire
Overcurrent: 9A Max
Wire size: 22-18#



SC-XC-JXD-D2

Double wire
Wire to wire connector
Overcurrent: 9A Max
Wire size: 22-18#

Waterproof



Mounting clip

Silicone version Strips
Available for 8mm and 10mm width



End cap

Without hole for 8mm and 10mm width



End cap

With 2 hole for 8mm and 10mm width



End cap

With 4 hole for for RGB strip



Wire connector

Connector with wire for single color



Wire connector

Connector with wire for RGB strips



Sealed connector

Connector for seal, available for single color



Sealed connector

Connector for seal, available for RGB strip

Limited Warranty-1year/ 3 years/ 5 years

The Warranty Period will begin at the date of original Product purchase from either Signcomplex, or an authorized Signcomplex Distributor/Dealer. Signcomplex will repair or replace product covered under this warranty with components at Signcomplex's election or discretion. Advances in technology may lead to "better or advanced" products being selected for replacement.

This Warranty is further conditioned on the purchaser contacting Signcomplex during the warranty period between normal business hours to review the issue and initiate the Returned Merchandise Authorization (RMA) process. This must be done prior to the return of any defective product. Only Signcomplex manufactured products may be returned through the Signcomplex RMA process. No defective products, Signcomplex or otherwise, will be returned to purchaser. The Signcomplex RMA form must be legible and completed in detail prior to approval for return. The Signcomplex Warranty is further conditioned and will only apply to Signcomplex products that are properly installed. This includes wiring and connection to proper approved components and product working environments. This Warranty is void and does not apply to products that fail as a result of neglect, mistake, misuse, alteration, improper installation or implementation. This includes but is not limited to: improper wiring, installation under improper and nonapproved operating environments such as temperature, humidity or voltage conditions; improper installation using components that are not approved or are not Signcomplex manufactured products.

Installation and usage of Signcomplex products should only be completed in association and complete knowledge of all necessary and related codes, standards and instructions of installation. It is the responsibility of the purchaser to obtain all necessary approvals and to understand the product's intended use and all relevant instructions, recommendations, and guidelines for the proper installation, use of any Signcomplex product and related "manufactured products," used in conjunction with . The accuracy and completeness of any statements, technical information and recommendations in any form of product literature or instructions are not guaranteed, are not part of this Warranty, and does not in any way constitute a warranty. The purchaser is responsible for suitability of installation and full implementation and must determine potential applications and installations independently.

Warranty Compensation will be based on "usage factors and time in use" and "Technology Value," and will be preperated based on this and information collected via the RMA process.



About Strip Division

We are dedicated to providing high reliability and quality LED strips, and our company is one of the most reliable suppliers of LED strips. Our LED strips are suitable for outdoor use, and waterproof grade IP20, IP64, IP65, IP67, IP68 are available; at the same time, products of a variety of brightness can be supplied to customers, including 196lm/W high energy-saving series, and we also provide aluminum profiles for customers.

Our products also can be widely used indoors, furniture, advertising, business, and various outdoor field lighting, auxiliary lighting or decoration lighting.

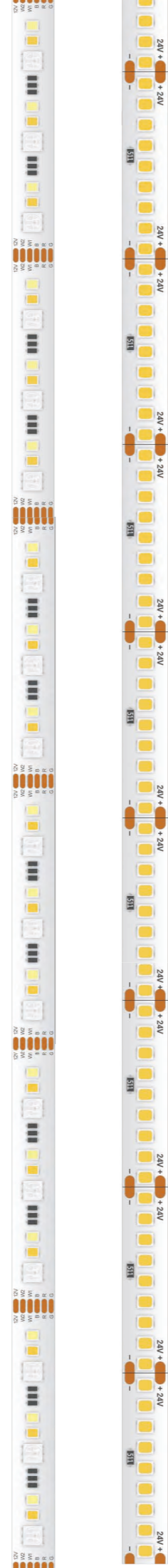
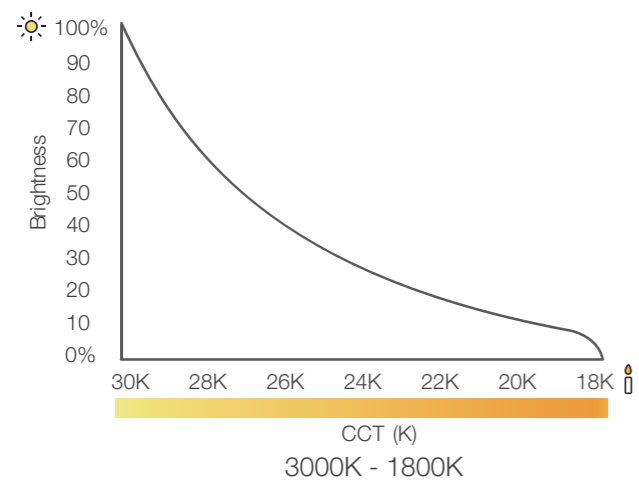
We have strict inspection standards and products will be under 100% full inspection; various CCT and CRI80, CRI90 or CRI97 for different customers to choose, and color consistency is one of the advantages. So you can find suitable LED strip for no matter closet lighting or outdoor building decoration.

Comprehensive Control

From raw LED source to finished luminaire, we have the multidisciplinary engineering capability, the research base and production infrastructure to control every aspect of product design and manufacture – LED die procurement, phosphors and packaging, thermal and electronic design, luminaire design and all points in between.

Optical, electronic, thermal and mechanical aspects of LED product design are significantly interdependent. To maximise the capability of current technology requires careful balance throughout the whole design process. With comprehensive control of source components and the expertise and facility to adjust and optimise all design and manufacturing parameters, Signcomplex engineers have a rare freedom of choice in how best to achieve this. Producing a flexible, coherent and durable product range requires nothing less.

As a direct result, Signcomplex delivers complete linear LED products customised on order for length, IP rating, luminous output, colour temperature and colour consistency providing customized solutions to specific project requirements.



Features of Our Comprehensive Approach

Integrated engineering design for the complete LED strip light and smart control. The sum of all the parts – not some of the parts. Comprehensive control of all output and colour characteristics by design and data. Research, development manufacture and testing on the Shenzhen HQ and Jiangmen factory under the multidisciplinary engineering team control. Customised, configurable ordering options for all Signcomplex LED strips products.

Forward-thinking manufacturers

Have always regarded product innovation as a vital component for long-term success – and today's unpredictable business climate has only magnified its importance.



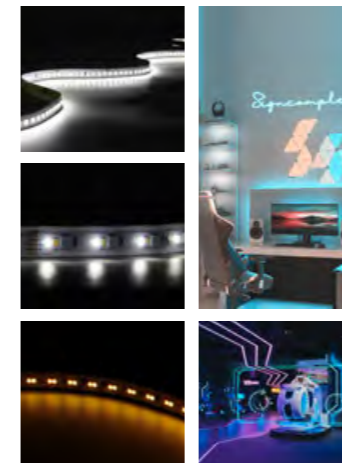
Methods for implementing innovation

Innovation is not just about product differentiation and making incremental improvements, but also requires optimizing processes, streamlining internal and external communication, and exploring new technologies.



Product Innovation

The Product Innovation Imperative is a practical guide for engineering and manufacturing leaders to pressure test their own organizations to identify areas of improvement. the following LED strips product range were delivered in 2022.



- Super high quality 2 SDCM, CRI90 white LED strips proven delivery
- Super brightness 12mm width 6700lm per meter, 2200lm per foot white LED strips proven delivery
- Super long lifespan L70B10 rating, 10mm width while LED strips achieve 70,000hrs (10 years warranty) proven delivery
- Super long connection 8mm width DC24V constant current LED strip in 22 meters (75 feet) proven delivery
- Super long connection 12mm width DC48V constant current LED strip in 52 meters (165 feet) proven delivery
- Super uniform flexible LED wall washer strips
- Super easily dimmable white LED strip automatically warms from 1200K to 8000K bringing comfortable lighting effects.
- Super immersion HDMI video Sync and music style recognition smart control dynamic RGB LED strips kits
- Super wisdom AR-equipped sensor will identify the object graphics and effect same static RGB LED strips kits
- Super compatible LED strips bringing static and dynamic RGB for decoration and tunable white for illumination

Signcomplex Testing and Standards

With the on-going education in the marketplace and the gradual introduction and adoption of standards and associated testing, more designers and specialists have a good understanding of the hidden factors involved in producing colour consistent, stable and durable LED products.

As a LED strip leading company in China, selling quality products in the most discerning markets, all our products undergo external testing by independent accredited authorities to quantify and substantiate their performance.

As the drafting unit, Signcomplex closely cooperates with Shenzhen lighting and display industry engineering association. The first version of energy efficiency standards for LED strip lights, is formally issued in CAS(China Standards Association), STD No.: T/SL .DA 004- 2022, issue date on 26th April 2022.

Certification and provision of data from accredited business partner who meets CNAS ISO17020 & ISO17025 and HQTS laboratory quality surveillance is currently considered best practice worldwide for the testing of complete LED luminaires.

Through the CE, UKCA, ETL and UL certification, all Signcomplex products maintain the most internationally recognised safety standards.

Our research and manufacturing processes also incorporate many electrical and photometric testing procedures for individual components and finished luminaires.

ERP test reference

Type of light source: <input type="checkbox"/> HL <input type="checkbox"/> LFLTSHE <input type="checkbox"/> LFL TSHO <input type="checkbox"/> CFLni <input type="checkbox"/> other <input type="checkbox"/> FL <input type="checkbox"/> HPS <input type="checkbox"/> MH <input type="checkbox"/> other HID <input checked="" type="checkbox"/> LED <input type="checkbox"/> <input type="checkbox"/> OLED <input type="checkbox"/> mixed <input type="checkbox"/> other		Rated Ra.....: 80 Outer dimensions.....(mm): N/A Spectral power distribution.....: See attachment 2 Claim of equivalent power.....: <input type="checkbox"/> Yes: <input checked="" type="checkbox"/> N/A Chromaticity coordinates (x and y).....: x:0.3820, y:0.3765 Peak luminous intensity.....(cd): N/A Beam angle in degrees.....(°): N/A R9 colour rendering index value R9.....: 0 Survival factor.....: 100% The lumen maintenance factor.....: 98% Displacement factor (cos φ1).....: 0.9 Colour consistency in McAdam ellipses.....: 2.8 Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.....: <input type="checkbox"/> Yes: <input checked="" type="checkbox"/> N/A Flicker metric (Pst LM).....: 1.0 Stroboscopic effect metric (SVM).....: 0.4 Rated CCT(K): 3800-4200K Rated life time.....(h): 53000h
Lighting technology used: <input checked="" type="checkbox"/> NDLS <input type="checkbox"/> DLS <input type="checkbox"/> MLS <input checked="" type="checkbox"/> NMLS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Non-directional or directional: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Mains or non-mains: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Connected light source (CLS): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Colour-tunable light source: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Envelope: <input checked="" type="checkbox"/> no <input type="checkbox"/> second <input type="checkbox"/> non-clear		
High luminance light source: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Anti-glare shield: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Dimmable: <input type="checkbox"/> Yes <input type="checkbox"/> only with specific dimmers <input checked="" type="checkbox"/> No		
Control gear: <input checked="" type="checkbox"/> Integrated <input type="checkbox"/> External		
Use of light source: <input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Industry		
Lamp cap installed: N/A		
General product parameters : Energy consumption in on-mode (kWh/1 000 h).....: 7.5W Energy efficiency class <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G Rated useful luminous flux.....(lm): 1510lm Rated CCT(K): 3800-4200K On-mode power (Pon), expressed in W.....: 7.5W/0.5M Standby power (Psb).....(W): 0 Networked standby power(Pnet)for CLS (W): N/A		
Attachments: The test report includes: ATTACHMENT 1(S) of product photos Summary of testing: 1. These results are in compliance with the ecodesign requirements of the Commission Regulation (EU) 2019/2020. 2. Measurement was conducted at voltage 230V 50Hz and a stable ambient temperature 25±10°C. 3. THD ≤ 3%		

Certification



Laboratory



Energy efficiency standard

As the drafting unit, Signcomplex closely cooperates with Shenzhen lighting and display industry engineering association. The first version of energy efficiency standards for LED strip lights, is formally issued in CAS(China Standards Association), STD No.: T/SL .DA 004-2022, issue date on 26th April 2022.



Transparent factory



Mechanized production



Some Examples of Signcomplex

R&D Team Research in Action

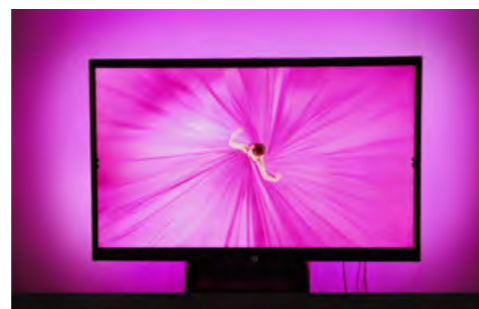
Best quality drive components are evaluated against electrical operating stresses to minimise failure rates.

Analysis and optimisation of drive currents, power distribution efficiency and heat dissipation within our circuit board designs for thermal resilience and colour maintenance in all operating environments.

Investigation of LED package, rigid light strip and NEON flex product distribution and geometry to achieve even illumination within and across adjoining products.

In-house chemical engineering research producing developments in optically efficient polyurethane resins, silicone formulations and their application techniques to ensure thorough protection for many of our high IP rated products.

Innovative smart control design produces PWM, SPI, Wifi, Bluetooth, Matter, Voice, Gesture, HDMI Sync, style recognition, AR-equipped sensor control, etc. for white LED strips smooth dimming and drastic reduction of flickering and strobing effects previously associated with LED dimming and bringing bright and colorful ambient effects.



Illuminated White Light

Summarizes the advantages of the three methods used for Signcomplex LED strips

Type	Advantages	Signcomplex Series
Method 1 (Blue LED + Phosphor)	<ul style="list-style-type: none"> Proven technology (Cost, Production-effective) Good luminous efficiency (100-230lm/W) Various color temperatures (1900K-9000K) Good color uniformity (SDCM<2 3 5 Steps) (CRI) of 80-97 	Standard white illumination series • SMD2835, SMD2216, SMD3014, SMD7070
Method 2 (Near ultraviolet + Phosphor)	<ul style="list-style-type: none"> Blue light avoided, healthier Reduced luminous efficiency (90-140lm/W) Less white range (2700-6500K) UV packaging (CRI) of 90- 95 	RG0 series Blue light avoided, passed IEC/TR62778 blue light RG0 certification • SMD2835, SMD5050
Method 3 (Red+Green+Blue)	<ul style="list-style-type: none"> Vivid, dynamic color and electronic control Possibility to produce millions of colors Low illumination demand (outline or decorative) Temperature sensitive colors (6000K - ≥25000K) Small CRI (exemption for decorative purpose) 	RGB series • SMD5050, SMD2835, SMD4713



Signcomplex Colors

Our products are designed to adhere to the principle of using distinctive white LED packages that are specifically manufactured on demand to fully meet the design needs of Signcomplex.

The best LED chips and phosphors procured directly from our long-term business partner are packaged to our specification for each chosen colour temperature and luminous output rating.

We control the chromaticity and binning of our LED production and through our use of the premium phosphor, a high Colour Rendering Index (>80 as a basic, >90 as a standard, >95 as a premium), with significantly superior R9 values, is now a standard product feature.

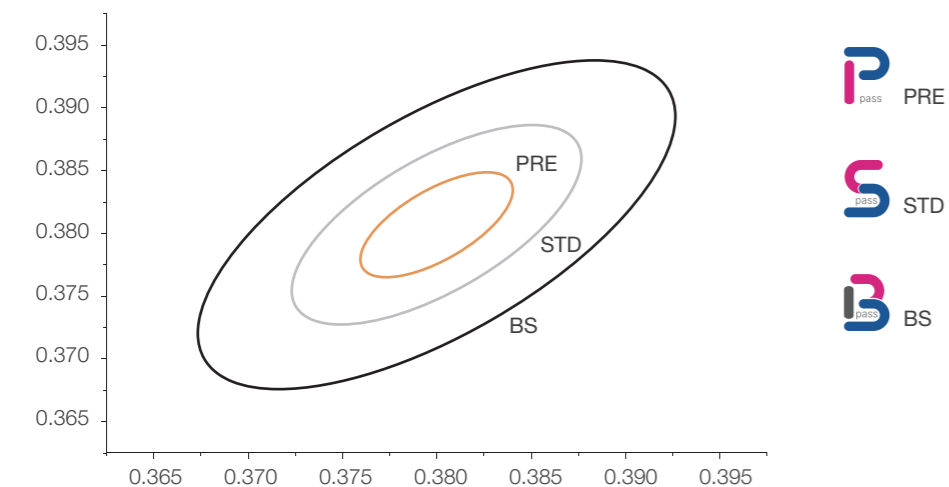
Unified LED source design delivers distinctively consistent and stable colour performance across all Signcomplex SMD LED product ranges. Designers can achieve colour matching across whole projects and consistency between projects with excellent results, both in "stand-alone" LED locations and in mixed technology lighting schemes.

Every batch of Signcomplex LED strip product manufactured is controlled by ERP system with a unique product code and all materials within are traceable. If a project is duplicated or extended, or if products are damaged in use – even years after installation – we ensure an accurate colour match by manufacturing LED packages to the same colour specification. For some custom applications our control of package design even allows our products to be matched with specific project colour requirements.

Because not all projects and installation locations benefit from the highest degree of consistency in colour temperature and hue, we introduce BS-line, STD-line and PRE-line, a three-tier product judgment standard across almost all of our SMD LED products.

BS-line and STD-line products feature LED packages binned to 3 SDCM or 5 SDCM, PRE-line meet 2 SDCM respectively with their price point weighted accordingly.

Identical in chip type and phosphors, 3-line products share the same high quality electrical and mechanical components providing designers with a simple choice to suit project requirements and budgets.



Features of Signcomplex White LED strips

Visible and measured colour consistency – within LED strip products, between product ranges and across multiple projects over time.

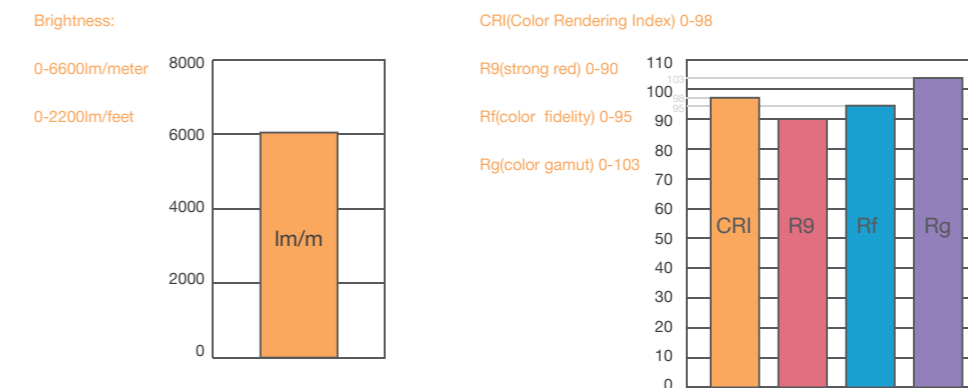
Signcomplex colour temperatures and hue characteristics – our specification through design.

Tens of thousands of flexible or rigid PCB layout used in Signcomplex SMD LED strip products range.

High CRI, lumen output, reliable with premium LED package partner support.

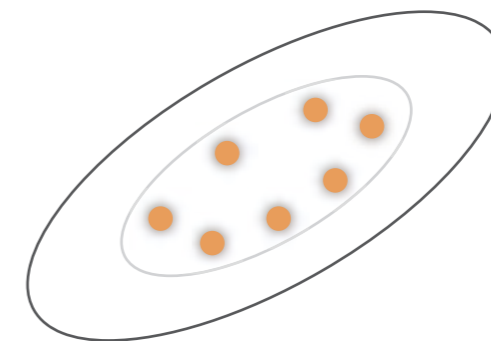
3-line products provides different colour consistency choice to match project and budget requirements.

Various accessories are developed, tested and tuned in collaboration with leading lighting designers.



What is binning tolerance?

This is the measurement tolerance the LED manufacturer can ensure in sorting the LEDs into bins. If the tolerance is bigger than 0.003 then the LEDs are not strictly within the 3-step MacAdams. If not stated, LED strip products only use LEDs for which the LED manufacturer can ensure a SDCM3 binning with a 0.003 tolerance.



CRI/Ra Test Color Samples (TCS)

The Color Rendering Index (CRI) is a widely used metric to describe color accuracy and fidelity. It is calculated as an average score on 8 color samples (called TCS or test color samples), with an additional 7 supplemental color samples for the extended CRI (e) metric.

Each of these scores is called R_i , where i represents the TCS number. For example, R_9 is a commonly referenced deep red color score and is an important indicator of color quality for many applications.

CRI itself is a single number, and this is both a blessing and a curse. It is a great, convenient metric that is both intuitive and simple to communicate, but at the same time, particular color samples can distort the truth behind whether a light source is truly a high color rendering light source.

Below, we'll go into detail about each of the test color samples that make up the CRI metric.

TCS01 7.5R6/4 Light grayish red	TCS02 5Y6/4 Dark grayish yellow	TCS03 5GY6/8 Strong yellow green	TCS04 2.5G6/6 Moderate yellowish green	TCS05 10BG6/4 Light bluish green
TCS06 5PB6/8 Light blue	TCS07 2.5P6/8 Light violet	TCS08 10P6/8 Light reddish purple	TCS09 4.5R4/13 Strong red	TCS10 5Y8/10 Strong yellow
TCS11 4.5G5/8 Strong green	TCS12 3PB3/11 Strong blue	TCS13 5YR8/4 Light yellowish pink	TCS14 5GY4/4 Moderate olive green	(TCS15) 1YR6/4 Asian skin

Signcomplex CRI80



Signcomplex CRI95



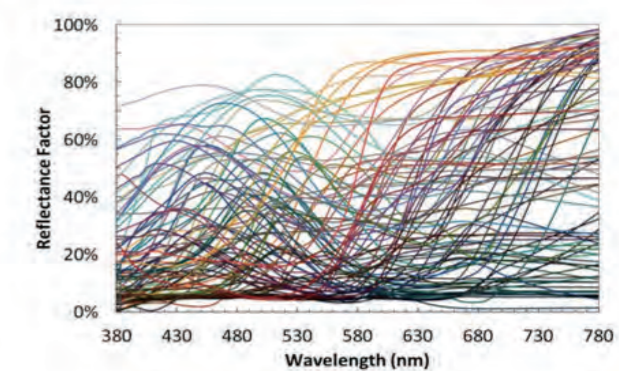
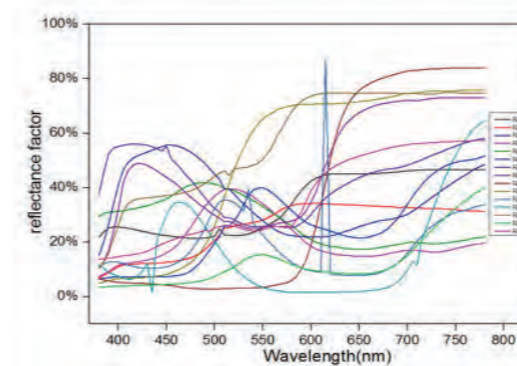
Signcomplex CRI97



TM30-15

The TM30-15 report is a novel method to measure color rendering. It also takes the sun as a reference value of 100. 99 colors are tested with this method instead of 14, thus an expanded spectrum can be analyzed. The average of all 99 colors results in the Fidelity Index R_f . In this example, the difference can be seen particularly well in the red/orange and pink skin tones. Another component of the TM30-15 method is the gamut index R_g which measures the saturation of colors within the same color spectrum. The ideal value for R_g is 100, but the measured value can be both below and above 100. A perfect light source would have a value of 100 for R_g and R_f .

Good or high color rendering is recommended in areas where products are illuminated. Best examples are museums, art galleries as well as retail stores.



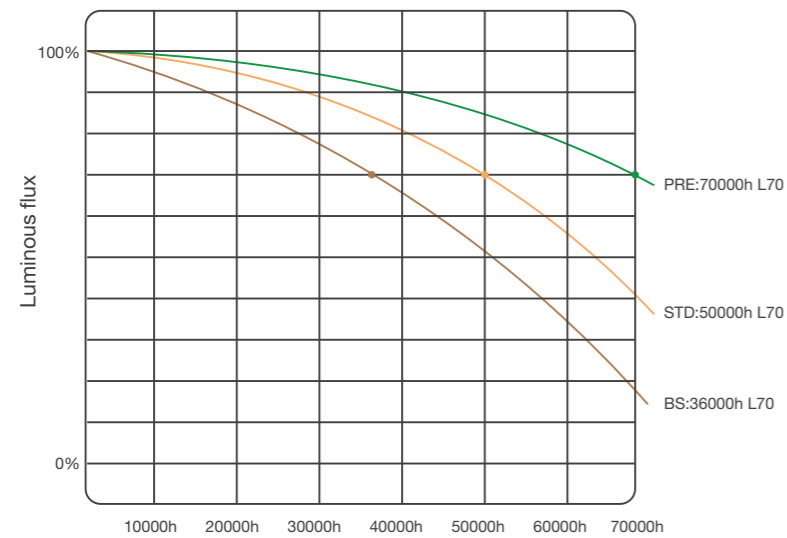
LED Lifespan

One of the factors affecting the light decay of white LED: the chip.

The impact of the chip on the LED light decay is divided into two categories:

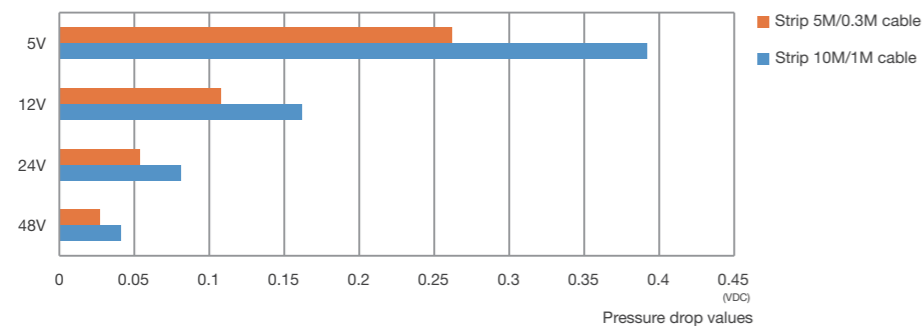
First, different materials of chips lead to different attenuation. The commonly used substrate materials of blue light chip are silicon carbide and sapphire. The general structure of silicon carbide is designed as a single electrode, and its thermal conductivity is relatively good. The sapphire is generally designed as a double electrode, so it is difficult to export heat and has poor thermal conductivity;

The second is the size of the chip. When the material of the chip is the same, the attenuation gap varies with the size.



Voltage Drop

The higher the voltage, the smaller the voltage drop, and the more convenient the use of ultra-long connection.



Dual Color Temperature

Dual LEDs Guaranteed
Dual Colors Design

Natural and soft lighting, balance design

Color temperature dimming from cold to warm, brightness control from low to high freely

Excellent light mixing consistency

*2216 dimming to warm

Customization

White light color temperature and monochromatic light wavelength can be customized and matched freely.

Orange 600-610nm	Green 517-527nm	
White 6500K	Yellow 585-595nm	
Warm White 3000K	Glod Yellow 2200K	
Blue 465-475nm	Warm White 3000K	
Warm White 3000K	Green 517-527nm	
Super Warm White 2400K	Orange 600-610nm	
White 6500K	Warm White 2700K	
Natural White 4000K	White 6500K	
Red 620-630nm	Blue 465-475nm	
Red 620-630nm	Green 517-527nm	

Industry Terms

Luminaire

Term for 'light fittings' or 'fixtures' referring to a complete lighting product.

Diffusion/Diffuse

Where an optical element – often translucent glass or plastic – covers the light source within a housing. The light transmitted throughout the diffuse will be redirected and scattered with the optical properties and transmission efficiency of the material used.

Luminous flux & lumens

The total quantity of light emitted by a light source within the visible spectrum(380-780nm) as perceived by the human eye, luminous flux is measured in lumens (lm).

Illuminance & Lux

Illuminance is the number of lumens falling per square metre, measured in lux (lx).

Candela (cd)

Is the measurement of luminous intensity within a narrow cone, calculated by:luminous flux ÷ unit solid angle.

This is often the quantitative figure used to describe the output of directional lamps.

Luminaire efficacy

Defined as the number of lumens produced from a luminaire,divided by Wattage of power provided, lumens per Watt (lm/W).

Photometric testing

The science of measuring light intensity,colour and quality of light perceived by the human eye.

Integrating sphere

Part of the testing system used for photometric measurements and is the most accurate way of measuring total luminous flux, colour temperature and colour properties.

Goniophotometer

The goniophotometer is a piece of photometric testing equipment that measures light intensity at a given angle to the luminaire or light source. The data a goniophotometer records can be used to generate photometric files (e.g. ies, ldt,etc) which digitally model the output of a luminaire and allows it to be loaded into lighting design software.

Colour Space (CIE colour space/chromaticity diagrams)

A theoretical colour concept illustrated by a series of graphical projections mathematically representing all visible colours of light. The International Commission on Illumination (CIE) has defined several of these spaces – the CIE 1931 colour space and CIE 1976CIELUV colour space being the most widely referenced in lighting. A three dimensional colour space is projected as a two dimensional chromaticity diagram on which other colourimetric scales, such as CCT ranges and the Planckian locus,can be overlaid. Measured colorimetric data for LED sources can be plotted and compared to illustrate colour performance and consistency between products and relative to the colour specifications of lighting test standards.

Kelvin (Correlated Colour Temperature – CCT)

In lighting, Kelvin is the system

In lighting, Kelvin is the system adopted to define colour of white light with a single-number. It compares the colour of a black body conductor emitting light when being heated to the given temperature in degrees Kelvin (K). It is important to note that CCT can only relate a light source to the closest Kelvin value of a black body conductor, and thus does not account for hue shift within the colour.

Planckian locus/ Black body line

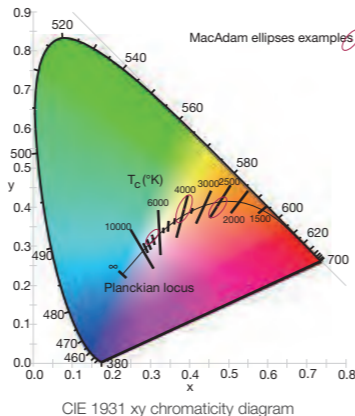
The plot of colour temperature (CCT)that a black body conductor or tungsten filament produces as it is heated up through degrees Kelvin.

MacAdam Ellipse (SDCM)

The results of a statistical study being plotted on to a colour space diagram.The spread of results is defined within an elliptical plot, the edges of which represent a set deviation in colour from that at its centre. The scale of the ellipse is determined by the number of standard deviations of colour matching or 'steps'used in plotting. The colour variation represented by a1-step MacAdam ellipse is not visible but becomes progressively more discernible in ellipses with a greater number of steps and becomes apparent to most observers above 2 or 3 steps. MacAdam ellipses are sometimes quoted in the specifications of white LED products to quantify colour consistency. Standard Deviation Colour Matching or SDCM has the same meaning as MacAdam ellipse.

Hue

Is the attribute based on classification of colour as reddish, yellowish, greenish,bluish or their intermediaries.



Colour rendering index (CRI)

Is the method of measuring how well a light source renders a specific set of colours. CRI is based on 14 colour samples, the first 8 in the set are pastel colours arranged around the hue circle, 9 to 14 are colours of special significance (skin tone, organic materials etc.). A blackbody radiator such as an incandescent lamp and natural midday sun (5000-6000K) will have a CRI of 100%.

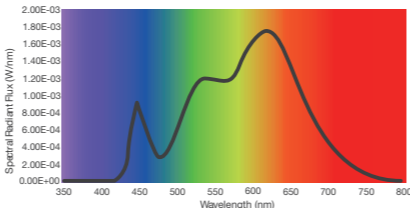


Rendering average (Ra)

The average of the rendering values for the first 8 colour samples for a given light source.

Spectral power distribution

Displayed in graph form, plotting emitted radiation power against wavelength. By integrating the graph/function you would get the wattage of light being emitted.



Wavelength

Light is considered as a wave, and has measurable wavelengths, it is the wavelength of light that determines its type of electromagnetic radiation.The distance between the successive waves is defined as its wavelength.Within the visible spectrum, it is the combined visual power of light at every given wavelength that makes up a light sources apparent colour.LED dice producing light in the visible spectrum, emit light of wavelengths ranging from around 330 to 780nanometres – a specified range of wavelengths indicating the colour of light produced. In most white LED's, phosphors absorb the shorter blue wavelengths and re-emit light at a wider range of longer wavelengths.

Ultraviolet (UV)

A range of non-visible radiation with wavelengths less than 380nm beyond the blue end of the visible spectrum.Protection from the sun's UV radiation is required to prevent degradation of plastics and other materials used in exterior lighting products.

Infrared (IR)

A range of non-visible radiation with wavelengths less than 380nm beyond the blue end of the visible spectrum.Protection from the sun's UV radiation is required to prevent degradation of plastics and other materials used in exterior lighting products.the red end of the spectrum. Infrared radiation includes thermal radiation which is used for thermal imaging.

Voltage

Defined as the potential difference across a conductor, often referred to as the electrical force or pressure that drives a circuit. Unit of measurement is Volts (V).

Current

Measured in Amperes (Amps, A) is the flow of electric charge. Electric charge flows when there is a voltage or electric potential difference between connected conductors.

Resistance

Measured in Ohms (Ω) defines the resistance against current flow when a voltage or electrical potential is present.

Wattage

Is the measure of work done, or energy consumed most commonly known as power. Unit of measurement is Watts (W).One Watt is defined as the work done when one ampere (A) of current flows through an electrical potential difference of one volt (V).

Direct current (DC)

Is when the direction of current flow in a circuit remains constant, the type of supply you would expect from a battery.

Constant current

Often referred to when describing circuits and products' power requirements. A constant current product or component would require a power source (driver) to vary voltage to maintain the desired current.commonly wired in series circuits. The individual LED chips on the circuit boards of power LED products are supplied with a constant current power source for stable performance and control of thermal output. The voltage supplied varies to accommodate multiple chips. Almost all KKDC LED products employ on-board constant current conversion of an external constant voltage power supply.

Constant voltage

Often referred to when describing circuits and products' power requirements. A constant voltage component or product would require a power source to vary current to maintain the desired voltage.Constant voltage products are most commonly wired in parallel circuits.

Printed circuit board (PCB)

An assembly of single or multi-layered mounting surfaces with conductive tracks (and soldered components) found at the heart of most modern electronic devices. Most KKDC products use metal based PCB technologies which provide significant advantages in thermal management. As a result KKDC's metal based flexible linear products can be used without additional heat sinking.

Resistor

circuit component which has a specific resistance measured in Ohms (Ω). May have multiple applications including reducing voltages for component requirements or used as parameter settings for certain IC's.

Integrated circuit (IC)

A circuit or collection of circuits mounted on a small plate of semiconductor material,most commonly silicon. IC's have a range of applications, for LED technology the most common uses for IC's are voltage and current control within circuits.

Diode

A circuit component with asymmetric conductance, meaning that current will only flow in one direction. Some diodes also emit light (LED's) in response to the passage of current in a phenomenon called electroluminescence.

Series circuit

When components, or products, are wired from positive to negative, or in series, throughout the circuit.

Parallel circuit

When all components, or products, in the circuit share common positives and negatives.

AWG

Abbreviation for 'American Wire Gauge'– a numerical scale for wire size. The AWG number relates to the diameter,cross sectional area and thus the current carrying capacity of electrical wires.By contrast, in the Metric system electrical conductors are described directly by cross sectional area in mm2 or in stranded wires by the number and size of the strands.

IP rating

Ingress protection rating refers to a specific set of numbers that refer to a products ability to prevent intrusion from solid objects (including fingers and dust)and water.

- IPXX The first digit of the IP code indicates the degree of protection against contact with internal components and the degree of protection against foreign bodies intruding into the product enclosure.0 No special protection
- 1 Protection from large solid objects,greater than 50mm in diameter.
 - 2 Protection against fingers sized objects not greater than 80mm in length and12mm in diameter.
 - 3 Protection from entry by tools, wires,etc., with a diameter of thickness greater than 2.5mm.
 - 4 Protection from entry by solid objects with a diameter or thickness greater than 1.0mm
 - 5 Dust protected, limited ingress of dust permitted.
 - 6 Dust tight.

- IPXX The second digit indicates the degree of protection the product has against various forms of moisture and liquid.
- 0 No special protection Limited ingress permitted.
 - 1 Protection from dripping water. Limited ingress permitted.
 - 2 Protection from vertically dripping water when enclosure is tilted to 15° from vertical. Limited ingress permitted.
 - 3 Protection from sprays of water at 60°from vertical. Limited ingress permitted.
 - 4 Protection from low pressure water jets from all directions. Limited ingress permitted.
 - 5 Protection from high pressure water jets from all directions. Limited ingress permitted.
 - 6 Protection against heavy seas, or powerful jets of water. Limited ingress permitted.
 - 7 Protection against temporary immersion at a depth of 150-1000mm.
 - 8 Protection against complete,continuous submersion in water at a specified depth*.
- * Submersion depth must be specified by the manufacturer

DALI – Digitally Addressable Lighting Interface

A digital communication protocol originally developed for the centralised control of fluorescent lighting in buildings and now also used for control of LED installations.

DMX

A digital communication protocol for control of dimming, colour change and other control parameters.Used extensively in the theatre and entertainments industry and has become a commonly used method for digital control of architectural lighting.

1-10V

dimming used in LED lighting – originally developed for fluorescent lighting. An analogue control voltage is varied between 0 and 10 Volts by means of a potentiometer or other controller and produces a corresponding change in the pulse width modulated power supplied to an LED circuit and thus the brightness.

Following is helpful for quick 1-10V on-site testing:

Shorted (10V) = lowest output (0%)

Open (0V) = highest output (100%)

0-10V

Often referring to the same operation of 1-10V, 0-10V can mean that a subcontroller or dimmable fitting is set up to receive a control voltage generated by the master controller. A resistive dimmer may not work with a 0-10V system so it is worth checking the exact meaning from the manufacturer.

We have adopted the following understanding:

- 1-10V – device will operate and respond to resistive control, and receiving supply control voltage.
- 0-10V – device will only operate when supplied with a control voltage.

Power supply unit (PSU)

Refers to the devise that produces the,normally low voltage, DC signal for equipment and lighting products. PSU's have a wide range of power variations available with various constant current or constant voltage outputs. Also dimmble PSU's are available, which normally receive a control signal and output a PWM supply to the light source.

Driver

General term for a power supply unit or power supply circuit.

KKDC have adopted the following understanding:

- PSU – for constant voltage power sources
- Driver – for devices performing constant current power conversion

Pulse width modulation (PWM)

An electronic method for varying the power supplied to LED light sources through rapid switching. Adjustment of pulse duration or duty cycle gives rise to variations in brightness for dimming and colour mixing.

Bin/Binning

During manufacture, LED dice will have significant performance variations and can be sorted or 'binned' in to smaller groups according to spectral distribution,luminous intensity and forward voltage for example. The application of phosphors during the packaging of white LED's introduces further variations in colour and performance which may in turn be 'binned'. The scale and parameters of the bins used will often determine the colour consistency and cost of finished white LED products – (coordinates(x, y or u', v') of quadrangles on colour space plots are used to document colour consistency of binned white LEDs).

Phosphors

Absorbs a specific spectrum of wavelengths and re-emits light a wider range of wavelengths. In most white LEDs, the die is emitting a small range of blue wavelengths and the phosphor is absorbing this and re-emitting light across the green and red

Heat sink

In LED lighting – a component or assembly to conduct and dissipate heat away from an LED package. KKDC products have heat sinking elements as integral parts of the product design and require no additional heat sink under all normal operating conditions.

LED lifetime

The useful lifetime of an LED light source in hours.L70 (lifetime to 70% of initial lumen output) has become a standard way of stating lifetime.

The length of time an LED light source actually performs to an acceptable standard, depends on most aspects of design and manufacture,including quality of source components and thermal, electrical and environmental operating conditions.Poor design, components, manufacture or operation can result in premature loss of light output, colour shifts and failure. The LM80 lumen maintenance test can provide data that can be extrapolated to give more reliable L70 lifetime figures.

LED package

more LED dice that contains wire bond connections along with any phosphors,optical elements and thermal or mechanical structures. The complete LED component for incorporation into arrays and finished products.

Temperature – Ta/Tc/Tj

Ta – Ambient temperature;

Tc – Reference point (Case) temperature;

Tj – Junction temperature.

Values for these are often quoted in the testing of LED components, specification of LED products and discussion of thermal design of LED products.Tj is the temperature at the semiconductor junction within an LED die. Heat produced must be removed by efficient thermal design of LED package,PCB and housing in order that Tj does not exceed a specified maximum (Tj max) or degradation of performance and failure may occur.Ta is the temperature of the surroundings. In Signcomplex specifications Ta is given as a range of temperatures within which the product is designed to operate.Tc, in testing of products, may refer to any named reference point where temperature is measured. In KKDC products Tc is given as a maximum value which the outside of a product housing or mounting may reach in operation within the Ta range given.

Thermal management

the designers of LED packages and LED lighting products, to ensure that heat is conducted and dissipated away from the light producing junction within an LED package. In general, higher LED light output requires more electrical power which, in turn, generates more heat.Failure to address this adequately leads to degradation of output power,colour quality and ultimately premature LED failure.

IEC

International Electrotechnical Commission,quoted from IEC website, about IEC;'Millions of devices that contain electronics,and use or produce electricity, rely on IEC International Standards and Conformity Assessment Systems to perform, fit and work safely together.It is the IEC for instance, who produced IEC 60598-1 for Luminaires – Part 1:General requirements and tests.

BSI

British Standards Institution. A business standards company providing manufacturers and service providers with assessment, certification and specification of British, European and international standards and quality marks.

IESNA

Illuminating Engineering Society of North America (IES or IESNA) are a non-profit organisation whose mission statement is: 'The IES seeks to improve the lighted environment by bringing together those with lighting knowledge and by translating that knowledge into actions that benefit the public.' The IES have developed some of the now commonplace global standards for measuring light such as LM79, and LM80.The IES constantly updates standards to reflect the evolving industry.

ANSI

The American National Standards Institute. Co-ordinates and accredits national and international standards meeting the needs of American organisations and companies.Lighting performance is one area in which their standards have reached international prominence.

ISO

LM79-08 defines the "Approved Method:Electrical and Photometric Measurements of Solid-State Lighting Products"developed by the IES. It provides absolute photometric, colorimetric and electrical data for luminous flux, chromaticity, CCT and CRI for complete LED products. LM79allows fair comparison of LED lighting products and evaluation for use in particular environments.KKDC products have been independently tested by an accredited UK laboratory and testing facility to the LM79 standards.

LM79-08

A range of non-visible radiation with wavelengths less than 380nm beyond the blue end of the visible spectrum.Protection from the sun's UV radiation is required to prevent degradation of plastics and other materials used in exterior lighting products.the red end of the spectrum. Infrared radiation includes thermal radiation which is used for thermal imaging.

LM80

Developed by the IES is the standard for"Approved method for measuring lumen depreciation of LED light sources." It is important to note that LM80 covers light sources (LED chips, arrays and modules)not lamps and luminaires.

It provides guidance for measuring lumen maintenance by testing for at least6000 hours at 3 different case temperatures: 55°C, 85°C and another manufacturer specified.

TM-21

TM-21 provides the extrapolation method for LM-80 measurements. This provides lumen maintenance predictions for either 5.5 or 6 times the measured data,dependant on sample size tested.

CE

Mandatory conformity marking for products sold in the European Economic Area (EEA). The marking is the manufacturer's declaration that the product meets the specific requirements applicable to that product.

RoHS Directive 2002/95/ECN

The Restriction of Hazardous Substances Directive (RoHS), is a European directive that has become law in EC member countries now law that restricting the use of several hazardous materials in the manufacture of electronics.

Extruding

Extruding or extrusion is a process of manufacturing an object with a fixed cross section. The process involves a material being pushed or drawn through a mould or die of the desired cross section.

CNC machining

An automated machining process in manufacturing; drilling, milling or cutting material as per a digital program or drawing.

SMT

SMT stands for surface-mount technology. Replacing through hole techniques in the production of electronic circuit boards, SMT allows more compact products and more automation in their manufacture.

Anodising

An electrolytic process producing a very hard oxide layer on the surface of aluminium parts. Anodising can protect against corrosion in harsh chlorinated or marine environments and can also incorporate coloured dyes for decorative effect.

Silicone

Any one of a class of largely inert,synthetic polymer compounds used for sealing and encapsulation in some KKDC products. Thermal, optical and environmental factors govern the choice of compound for a particular application.

VP – Vacuum Plating

A protective conformal coating produced by vacuum deposition polymerisation techniques on circuit boards and assemblies to prevent dust and moisture ingress.