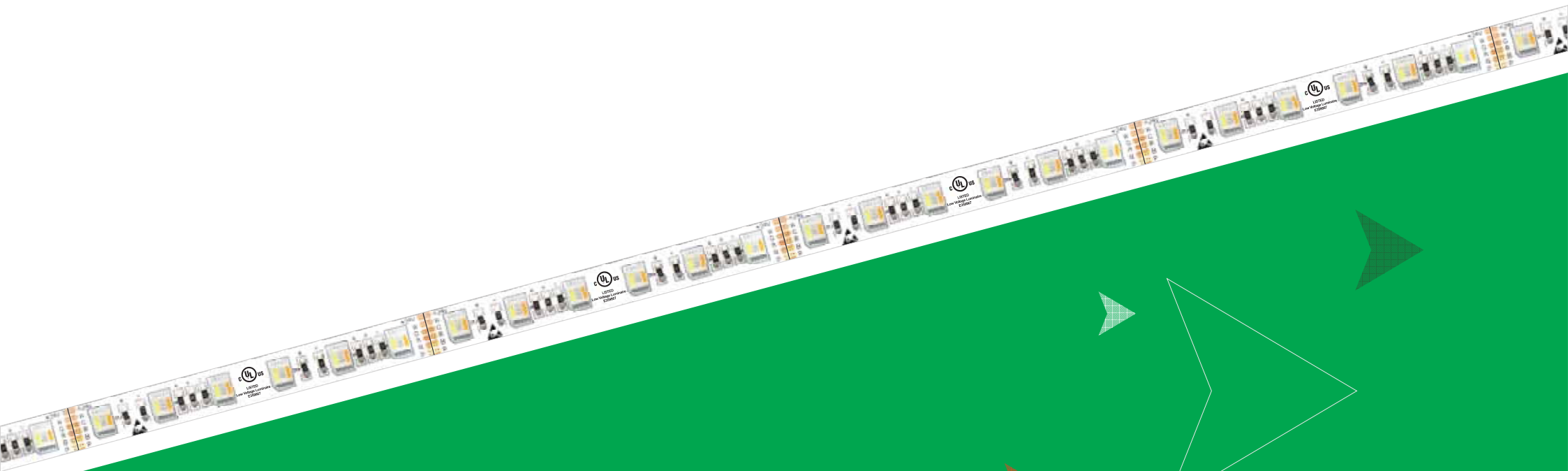











# 2018 LED Tape Light Catalog



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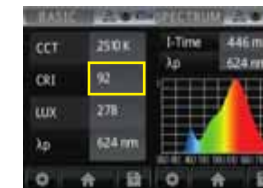


Bring You  
a True World

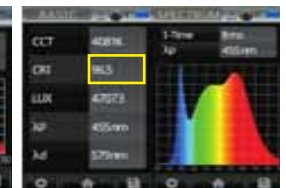
## CRI(Ra) ≥ 95/90 LED Strips

Best Choice for Illumination!

1. High CRI Light can bring us a true world
2. High CRI light can protect our eyes and provide us a comfortable environment
3. Best Choice for Illumination, especially for school, meeting room, shop, etc.
4. Available with different power, different brightness version
5. Available with different color, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K
6. The brightest one is 2300lm/m



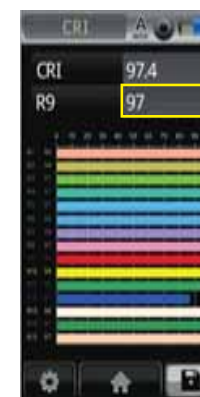
CRI(Ra) ≥ 90



CRI(Ra) ≥ 95

## LED Strip Light

OSRAM and SAMSUNG Brand LED  
 Constant Current and Constant Voltage Strips  
 2200K, 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K, 7000K Strips  
 CRI(Ra) ≥ 95 and CRI(Ra) ≥ 90 Strips  
 SMD5630, SMD3020, SMD2835, SMD3528, SMD5050, SMD335, SMD3535, SMD2216 Strips  
 Single Color, RGB Color, CCT Adjustable Color RGBX & RGBWW+PW Color, Dream Color Strips  
 Non-Waterproof and Waterproof Strips



Part No.	LED Type	CC/CV Version	LED Qty	Power	Lumen/m	Light Efficiency
QL-F5630A63SA-X-24C	Super Bright SMD5630	CC Version	126LED/m	22W/m	2300lm/m	105lm/W
QL-F5630A35SA-X-24C			70LED/m	15W/m	1600lm/m	105lm/W
QL-F3020A63SA-X-24C	Super Bright SMD3020	CC Version	126LED/m	22W/m	2200lm/m	100lm/W
QL-F3020A35SA-X-24C			70LED/m	15W/m	1500lm/m	100lm/W
QL-F2835A60SA-X-24C	Super Bright SMD2835	CC Version	120LED/m	19.2W/m	1800lm/m	93lm/W
QL-F2835A30SA-X-24C			60LED/m	14.4W/m	1100lm/m	76lm/W
QL-F2835A60SA-X-12/24	Super Bright SMD2835	CV Version	120LED/m	19.2W/m	1800lm/m	93lm/W
QL-F2835A30SA-X-12/24			60LED/m	14.4W/m	1100lm/m	76lm/W
QL-F3528A120SA-X-24	Super Bright SMD3528	CC Version	240LED/m	28.8W/m	2280lm/m	80lm/W
QL-F3528A114SA-X-24C			228LED/m	18W/m	1600lm/m	88lm/W
QL-F3528A60SA-X-12/24	Super Bright SMD3528	CV Version	120LED/m	14.4W/m	1140lm/m	80lm/W
QL-F3528A39SA-X-12/24			78LED/m	9.4W/m	740lm/m	80lm/W
QL-F3528A30SA-X-12/24	Super Bright SMD5050	CV Version	60LED/m	7.2W/m	570lm/m	80lm/W
QL-F5050A60SA-X-12/24			120LED/m	28.8W/m	2400lm/m	75lm/W
QL-F5050A30SA-X-12/24			60LED/m	14.4W/m	1080lm/m	75lm/W
QL-F5050A15SA-X-12/24	30LED/m	7.2W/m	540lm/m	75lm/W		

The strips are available with different color: 2500K, 2700K, 3000K, 3500K, 4000K, 5000K, 6000K and available with both waterproof and non-waterproof version

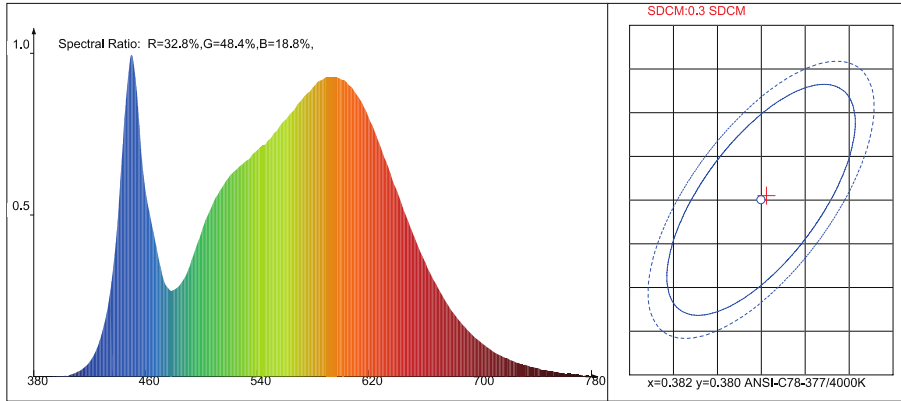


# LED Test Report of 180lm/W Strip

**Product Mark**

Product Type :QL LIGHT 180lm/w  
 Temperature :25°C  
 Operator :RD  
 Remark:

Manufacturer :QL LIGHT  
 Humidity :65%  
 Test Date :2017-09-06 11:25:05



**Chroma Parameters**

Chro. Coor.: x=0.3824 y=0.3802 u=0.2251 v=0.3356 duv=0.0010  
 CCT: 3972K Dominant Wave.:578.6nm Purity:28.9%  
 Flux RGB Ratio:R=18.3%,G=79.4%,B=2.3% Peak Wave:450.5nm Half Width:23.0nm

**Rendering Index:Ra= 82.3**

R1 =80 R2 =88 R3 =95 R4 =83 R5 =82 R6 =84 R7 =85 R8 =63  
 R9 =5 R10=73 R11=81 R12=62 R13=82 R14=97 R15=74

**Photo Parameters**

Flux:4011.33lm  
 Efficiency:0.07  
 Radiant:10490.0mW  
 Iv:0.0mcd  
 Effi Level:A++ (EU 874-2012)

**Ele. Parameters**

Voltage:U=23.950V  
 Power:P=21.96W  
 Current:I=0.9160A  
 Power Factor:PF=1.000

**Lamp Parameters**

Voltage:U=23.950V  
 Power Factor:PF=1.000  
 Current:I=0.9160A  
 Efficacy:0.0lm/W  
 Power:P=21.95W

**Instrument state**

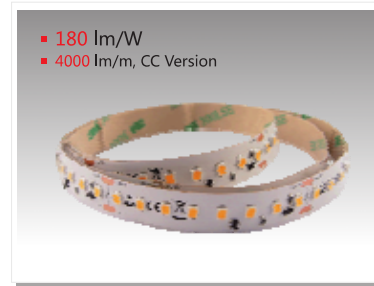
Instrument:Hopoo HP8000S  
 VDark: 1121  
 Integral Time: 75.067ms  
 VPeak: 14805  
 Product ID: 201501792



## LED Flexible Strips



### 180lm/W SMD2835 LED Strip



**Features:**

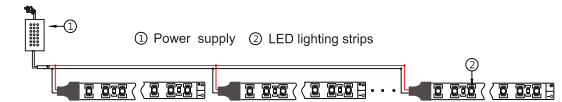
- Light Efficiency: 180lm/W
- LED: SMD2835
- Constant Current Version
- LED Qty: 128LED/m, 64LED/m
- Power: 22W/m, 11.5W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Cutting: 8LED cutting for DC24V Version
- Waterproof: IP20, IP67



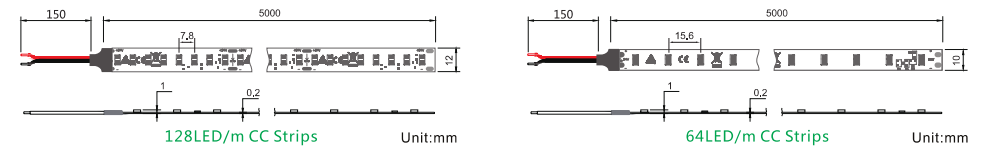
**Applications:**

- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge Lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

**Connections:**



**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI	PCB Width	Waterproof	Color	Light Efficiency	λ (Nm)/(CT:K)	lumen (lm/m)
QL-F2835X64-WW-24C-HE									□ Warm White	150lm/W	2700-2900K	3200-3300
QL-F2835X64-W-24C-HE									□ Warm White	170lm/W	3000-3200K	3700-3800
QL-F2835X64-N-24C-HE	SMD2835	CC Version	128LED/m	22W	24V	≥80	12mm	IP20/IP67	□ Nature White	180lm/W	4000-4500K	3900-4000
QL-F2835X64-P-24C-HE									□ Pure White	180lm/W	6000-6500K	3900-4000
QL-F2835X32-WW-24C-HE									□ Warm White	150lm/W	2700-2900K	1700-1800
QL-F2835X32-W-24C-HE									□ Warm White	170lm/W	3000-3200K	1900-2000
QL-F2835X32-N-24C-HE	SMD2835	CC Version	64LED/m	11.5W	24V	≥80	10mm	IP20/IP67	□ Nature White	180lm/W	4000-4500K	2000-2100
QL-F2835X32-P-24C-HE									□ Pure White	180lm/W	6000-6500K	2000-2100

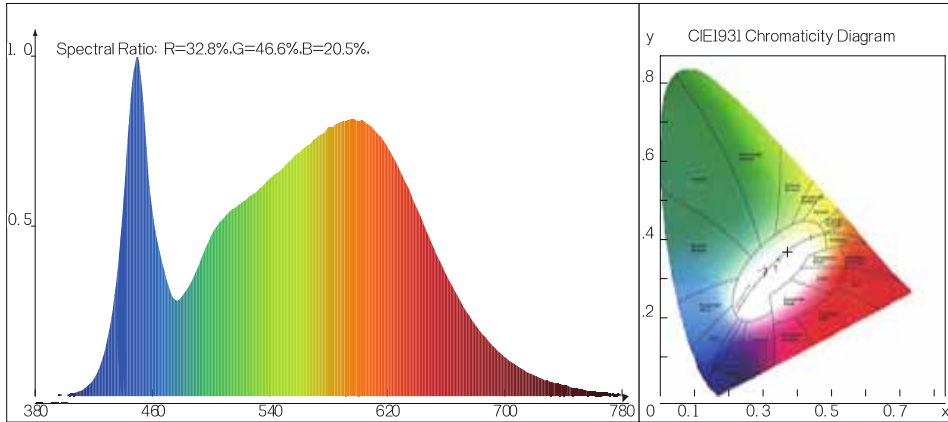
Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.  
 CC means Constant Current version, CV means Constant Voltage version.

## LED Test Report of 150lm/W Strip

**Product Mark**

Product Type: QL LIGHT 150LM/W  
 Temperature: 25°C  
 Operator: RD  
 Remark:

Manufacturer: QL LIGHT COMPANY LIMITED  
 Humidity: 65%  
 Test Date: 2015-09-21 10:02:24



**Chroma Parameters**

Chro. Coor.: x= 0.3718 y= 0.3683 u=0.2228 v=0.3310 duv=-0.0014  
 CCT: 4185K Dominant Wave.: 579.3nm Purity: 22.1%  
 Flux RGB Ratio: R=18.3%, G=79.1%, B=2.6% Peak Wave: 449.6nm Half Width: 22.3nm

**Rendering Index: Ra= 85.8**

R1=84 R2=91 R3=95 R4=87 R5=86 R6=87 R7=86 R8=70  
 R9=24 R10=78 R11=86 R12=69 R13=86 R14=98 R15=79

**Photo Parameters**

Flux: 3397.76lm Effi.: 152.6lm/W Radiant: 10504.1mW Iv: 0.0mcd

**Ele. Parameters**

Voltage: U=23.940V Current: I=0.9290A  
 Power: P=22.26W Power Factor: PF=1.000

**Instrument state**

Instrument: Hopoo HP8000S Integral Time: 74.405ms VPeak: 14773  
 VDark: 1180 Scan Range: 380-780nm Product ID: 201501792



## LED Flexible Strips



### 150lm/W SMD5630 LED Strips



**Features:**

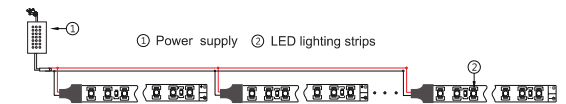
- Light Efficiency: 150lm/W
- LED: SMD5630
- Constant Current Version
- LED Qty: 128LED/m, 64LED/m, 32LED/m
- Power: 22W/m, 11.5W/m, 5.7W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67



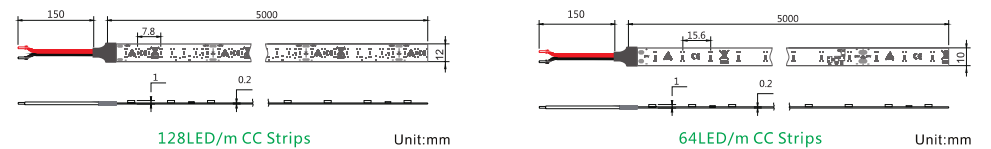
**Applications:**

- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge Lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

**Connections:**



**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	Light Efficiency	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F5630X64-W-24C-HE	SMD5630	CC Version	128	22W	24V	150lm/W	≥80	12mm	IP20 IP67	□ Warm White	2700/3000K	3000-3100
□ Nature White										4000-4500K	3100-3200	
□ Pure White										6000-6500K	3200-3300	
QL-F5630X32-W-24C-HE	SMD5630	CC Version	64	11.5W	24V	150lm/W	≥80	10mm	IP20 IP67	□ Warm White	2700/3000K	1600-1650
□ Nature White										4000-4500K	1650-1700	
□ Pure White										6000-6500K	1700-1750	
QL-F5630X16-W-24C-HE	SMD5630	CC Version	32	5.7W	24V	150lm/W	≥80	10mm	IP20 IP67	□ Warm White	2700/3000K	780-810
□ Nature White										4000-4500K	810-840	
□ Pure White										6000-6500K	840-860	

Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.  
 CC means Constant Current version, CV means Constant Voltage version.



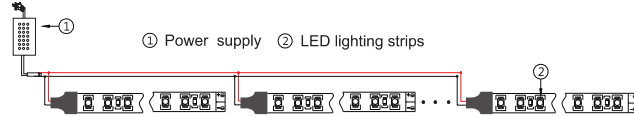
## SAMSUNG SMD5630 LED Strips



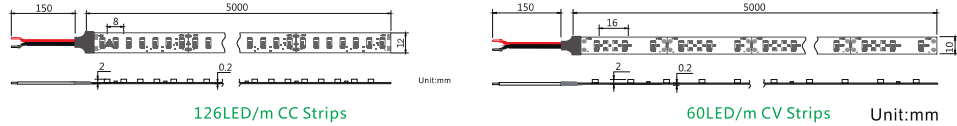
### Specifications:

- SAMSUNG LED G2/LM561B
- LED: SMD5630
- Constant current version and constant voltage version
- LED Quantity: 60LED/m, 70LED/m, 126LED/m
- Power: 14.4W/m, 15W/m, 22W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 7LED or 6LED cutting for DC24V version and 3LED for cutting DV12V version

### Connections:



### Dimension Drawings:



Model No.	LED/IC Brand	LED Type	LED Qty	Power (W/m)	Voltage	CC/CV	Light Efficiency	CRI (Ra)	PCB Width	Water-proof	Color	Lumen (lm/m)
QL-F5630X35-W-24CC-SG2	SAMSUNG	SMD5630	70	15W	24V	CC Version	130lm/W	≥80	10mm	IP20 IP67	☐ Warm White	1700-1800lm
☐ Nature White											1800-1900lm	
☐ Pure White											1900-2000lm	
QL-F5630X35-P-24CC-SG2	SAMSUNG	G2/LM561B	70	15W	24V	CC Version	130lm/W	≥80	10mm	IP20 IP67	☐ Warm White	1700-1800lm
☐ Nature White											1800-1900lm	
☐ Pure White											1900-2000lm	
QL-F5630X63-W-24C-SG2	SAMSUNG	SMD5630	126	22W	24V	CC Version	130lm/W	≥80	12mm	IP20 IP67	☐ Warm White	2500-2600lm
☐ Nature White											2600-2700lm	
☐ Pure White											2700-2800lm	
QL-F5630X30-W-12C-SG2	SAMSUNG	SMD5630	60	14.4W	12V	CC Version	110lm/W	≥80	10mm	IP20 IP67	☐ Warm White	1400-1500lm
☐ Nature White											1500-1600lm	
☐ Pure White											1600-1700lm	
QL-F5630X30-P-12C-SG2	SAMSUNG	G2/LM561B	60	14.4W	12V/24V	CV Version	110lm/W	≥80	10mm	IP20 IP67	☐ Warm White	1400-1500lm
☐ Nature White											1500-1600lm	
☐ Pure White											1600-1700lm	

Remark: X stands for waterproof version, A stands for non-waterproof version, C stands for IP67 waterproof version.  
 CT/K: Warm White: 2700K, 3000K, Nature White: 4000K, Pure White: 6000K  
 CC means constant current version, CV means Constant Voltage Version



## OSRAM SMD5630 LED Strips

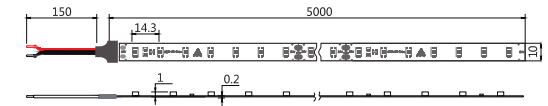


### Specifications:

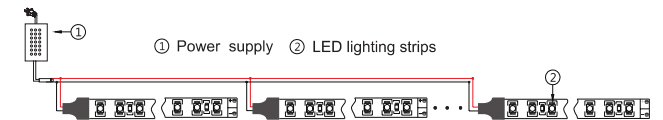
- OSRAM LED
- LED: SMD5630
- Constant current version
- LED Quantity: 70LED/m
- Power: 15W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 7LED cutting

### Applications:

- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge edge lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting



### Connections:



Model No.	LED/IC Brand	LED Type	LED Qty	Power (W/m)	Voltage	CC/CV	Light Efficiency	CRI(Ra)	PCB Width	Water-proof	Color	Lumen (lm/m)
QL-F5630X35-W-24CC-OR	OSRAM	SMD5630	70	15W	24V	CC	130lm/W	≥80	10mm	IP20/IP67	☐ Warm White	1700-1800lm
☐ Nature White											1800-1900lm	
☐ Pure White											1900-2000lm	
QL-F5630X35-N-24CC-OR	OSRAM	SMD5630	70	15W	24V	CC	130lm/W	≥80	10mm	IP20/IP67	☐ Nature White	1800-1900lm
☐ Pure White											1900-2000lm	
☐ Pure White											1900-2000lm	

Remark: X stands for waterproof version, A stands for non-waterproof version, C stands for IP67 waterproof version.  
 CT/K: Warm White: 2700K, 3000K, Nature White: 4000K, Pure White: 6000K  
 CC means constant current version, CV means Constant Voltage Version



## CRI≥95 SMD5630 LED Strips



- Ra+95
- CC/CV Version

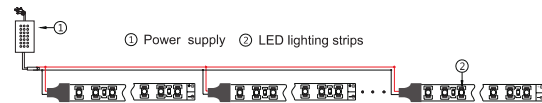
### Features:

- LED: CRI≥95 SMD5630
- Constant Current and Constant Voltage Version
- LED Qty: 126LED/m, 70LED/m, 60LED/m
- Power: 22W/m, 15W/m, 14.4W/m
- Voltage: DC24V and DC12V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 7LED or 6LED cutting for DC24V version and 3LED for cutting DV12V version

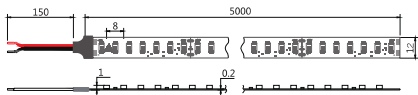
### Applications:

- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge Lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

### Connections:

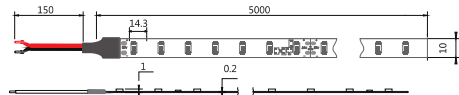


### Dimension Drawings:



126LED/m CC Strips

Unit:mm



70LED/m CC Strips

Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	Light Efficiency	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F5630X63SA-W-24C-95	SMD5630	CC Version	126	22W	24V	100lm/W	≥95	12mm	IP20 IP67	□ WarmWhite	2700/3000K	1800-1900
□ NatureWhite										4000-4500K	2000-2100	
□ Pure White										6000-6500K	2100-2200	
QL-F5630X35SA-W-24C-95	SMD5630	CC Version	70	15W	24V	100lm/W	≥95	10mm	IP20 IP67	□ WarmWhite	2700/3000K	1350-1400
□ NatureWhite										4000-4500K	1450-1500	
□ Pure White										6000-6500K	1500-1600	
QL-F5630X30SA-W-12C-95	SMD5630	CC Version	60	14.4W	12V	100lm/W	≥95	10mm	IP20 IP67	□ WarmWhite	2700/3000K	1150-1200
□ NatureWhite										4000-4500K	1250-1300	
□ Pure White										6000-6500K	1300-1400	
QL-F5630X30SA-W-12/24-95	SMD5630	CV Version	60	14.4W	12V/24V	100lm/W	≥95	10mm	IP20 IP67	□ WarmWhite	2700/3000K	1150-1200
□ NatureWhite										4000-4500K	1250-1300	
□ Pure White										6000-6500K	1300-1400	

Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.  
CC means Constant Current version, CV means Constant Voltage version.



## CRI≥90 SMD5630 LED Flexible Strips



- Ra+90
- CC/CV Version

### Specifications:

- LED: CRI≥90 SMD5630
- Constant current version and constant voltage version
- LED Quantity: 60LED/m, 70LED/m, 126LED/m
- Power: 14.4W/m, 15W/m, 22W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 7LED or 6LED cutting for DC24V version and 3LED for cutting DV12V version

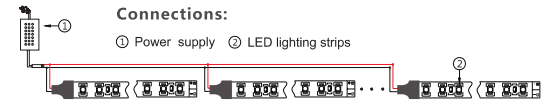
### Applications:

- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge edge lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting



### Connections:

- ① Power supply
- ② LED lighting strips

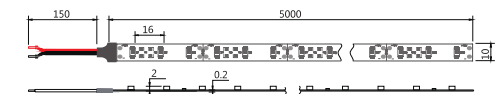


### Dimension Drawings:



126LED/m CC Strips

Unit:mm



60LED/m CV Strips

Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	Light Efficiency	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F5630A63SA-W-24C	SMD5630	CC Version	126	22W	24V	105lm/W	≥90	12mm	IP20/IP67	□ Warm White	2700/3000K	2000-2100lm
□ Nature White										4000-4500K	2100-2200lm	
□ Pure White										6000-6500K	2200-2300lm	
QL-F5630X35SA-N-24C	SMD5630	CC Version	70	15W	24V	105lm/W	≥90	10mm	IP20/IP67	□ Nature White	4000-4500K	1400-1500lm
□ Pure White										6000-6500K	1500-1600lm	
□ Warm White										2700/3000K	1300-1400lm	
QL-F5630X30SA-W-12C	SMD5630	CC Version	60	14.4W	12V	100lm/W	≥90	10mm	IP20/IP67	□ Nature White	4000-4500K	1200-1300lm
□ Pure White										6000-6500K	1300-1400lm	
□ Warm White										2700/3000K	1100-1200lm	
QL-F5630X30SA-N-12/24	SMD5630	CV Version	60	14.4W	12V/24V	100lm/W	≥90	10mm	IP20/IP67	□ Nature White	4000-4500K	1200-1300lm
□ Pure White										6000-6500K	1300-1400lm	
□ Warm White										2700/3000K	1100-1200lm	

Remark: X stands for waterproof version, A stands for non-waterproof version, C stands for IP67 waterproof version.  
CC means constant current version, CV means Constant Voltage version



## CRI≥95 SMD3528 LED Strips

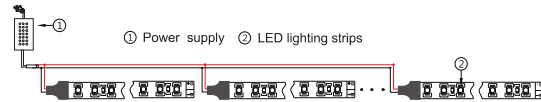


- Ra+95
- CC/CV Version

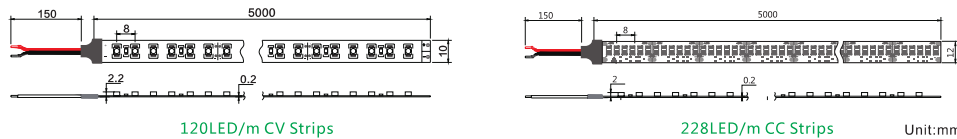
### Features:

- LED: CRI≥95 SMD3528
- Constant Current and Constant Voltage Version
- LED Qty: 240LED/m, 228LED/m, 180LED/m, 120LED/m, 78LED/m, 60LED/m
- Power: 19.2W/m, 18W/m, 14.4W/m, 9.4W/m, 7.2W/m
- Voltage: DC24V and DC12V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 6LED cutting for DC24V version and 3 LED cutting for DC12V version

### Connections:



### Dimension Drawings:

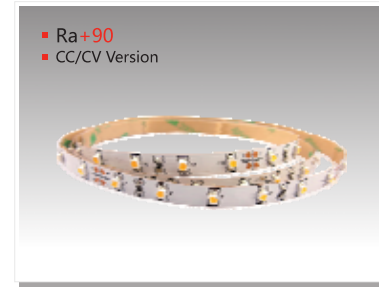


Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F3528X114SA-W-24C-95	SMD3528	CC Version	228	18W	24V	≥95	12mm	IP20	Warm White	2700/3000K	1300-1400
Nature White									4000-4500K	1400-1500	
Pure White									6000-6500K	1500-1600	
QL-F3528X114SA-N-24C-95	SMD3528	CC Version	120	14.4W	24V	≥95	10mm	IP20-IP68	Warm White	2700/3000K	900-1000
Nature White									4000-4500K	1000-1100	
Pure White									6000-6500K	1100-1200	
QL-F3528X30SA-W-24C-95	SMD3528	CC Version	60	7.2W	24V	≥95	10mm	IP20-IP68	Warm White	2700/3000K	450-500
Nature White									4000-4500K	500-550	
Pure White									6000-6500K	550-600	
QL-F3528A120SAL-W-24-S195	SMD3528	CV Version	240	19.2W	24V	≥95	10mm	IP20	Warm White	2700/3000K	1600-1700
Nature White									4000-4500K	1700-1800	
Pure White									6000-6500K	1800-1900	
QL-F3528A120SAL-N-24-S195	SMD3528	CV Version	180	14.4W	24V	≥95	10mm	IP20	Warm White	2700/3000K	1000-1100
Nature White									4000-4500K	1100-1200	
Pure White									6000-6500K	1200-1300	
QL-F3528A90SAL-W-24-95	SMD3528	CV Version	120	14.4W	12V/24V	≥95	10mm	IP20-IP68	Warm White	2700/3000K	900-1000
Nature White									4000-4500K	1000-1100	
Pure White									6000-6500K	1100-1200	
QL-F3528X39SA-W-12/24-95	SMD3528	CV Version	78	9.4W	12V/24V	≥95	8mm	IP20-IP68	Warm White	2700/3000K	650-700
Nature White									4000-4500K	700-750	
Pure White									6000-6500K	750-800	
QL-F3528X30SA-W-12/24-95	SMD3528	CV Version	60	7.2W	12V/24V	≥95	8mm	IP20-IP68	Warm White	2700/3000K	450-500
Nature White									4000-4500K	500-550	
Pure White									6000-6500K	550-600	

Remark: X stands for waterproof version, A stands for IP20 version, B and S stands for IP54 version, C stands for IP67 version and D stands for IP68 version  
CC means Constant Current version, CV means Constant Voltage version.



## CRI≥90 SMD3528 LED Strips

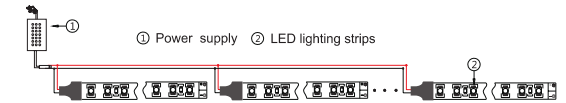


- Ra+90
- CC/CV Version

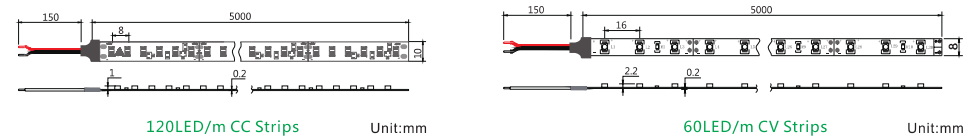
### Features:

- LED: CRI≥90 SMD3528
- Constant Current and Constant Voltage Version
- LED Qty: 240LED/m, 228LED/m, 180LED/m, 120LED/m, 78LED/m, 60LED/m
- Power: 19.2W/m, 18W/m, 14.4W/m, 9.4W/m, 7.2W/m
- Voltage: DC24V and DC12V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 6LED cutting for DC24V version and 3 LED cutting for DC12V version

### Connections:



### Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F3528X114SA-W-24C	SMD3528	CC Version	228	18W	24V	≥90	12mm	IP20	Warm White	2700/3000/3500K	1400-1500
Nature White									4000-4500K	1500-1600	
Pure White									5000/6000K	1600-1700	
QL-F3528X114SA-N-24C	SMD3528	CC Version	120	14.4W	24V	≥90	10mm	IP20-IP68	Warm White	2700/3000/3500K	1000-1100
Nature White									4000-4500K	1100-1200	
Pure White									5000/6000K	1200-1300	
QL-F3528X30SA-W-24C	SMD3528	CC Version	60	7.2W	24V	≥90	10mm	IP20-IP68	Warm White	2700/3000/3500K	530-550
Nature White									4000-4500K	550-600	
Pure White									5000/6000K	600-650	
QL-F3528A120SAL-W-24-S1	SMD3528	CV Version	240	19.2W	24V	≥90	10mm	IP20	Warm White	2700/3000/3500K	1700-1800
Nature White									4000-4500K	1600-1700	
Pure White									5000/6000K	1900-2000	
QL-F3528A120SAL-N-24-S1	SMD3528	CV Version	180	14.4W	24V	≥90	10mm	IP20	Warm White	2700/3000/3500K	1100-1200
Nature White									4000-4500K	1200-1300	
Pure White									5000/6000K	1300-1400	
QL-F3528A90SAL-W-24-95	SMD3528	CV Version	120	14.4W	12V/24V	≥90	10mm	IP20-IP68	Warm White	2700/3000/3500K	1000-1100
Nature White									4000-4500K	1100-1200	
Pure White									5000/6000K	1200-1300	
QL-F3528X39SA-W-12/24	SMD3528	CV Version	78	9.4W	12V/24V	≥90	8mm	IP20-IP68	Warm White	2700/3000/3500K	700-750
Nature White									4000-4500K	750-800	
Pure White									5000/6000K	800-850	
QL-F3528X30SA-W-12/24	SMD3528	CV Version	60	7.2W	12V/24V	≥90	8mm	IP20-IP68	Warm White	2700/3000/3500K	530-550
Nature White									4000-4500K	550-600	
Pure White									5000/6000K	600-650	

Remark: X stands for waterproof version, A stands for IP20 version, B and S stands for IP54 version, C stands for IP67 version and D stands for IP68 version  
CC means Constant Current version, CV means Constant Voltage version.



## CRI≥90 SMD2835 LED Flexible Strips



- Ra+90
- CC/CV Version

### Specifications:

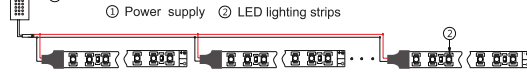
- LED: CRI≥90 SMD2835
- Constant current version and constant voltage version
- LED Quantity: 60LED/m, 120LED/m
- Power: 14.4W/m, 19.2W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 6LED cutting for DC24V version and 3LED cutting for DC12V version

### Applications:

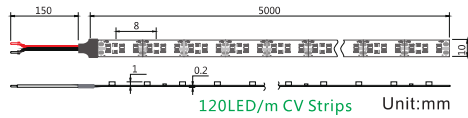
- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge edge lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting



### Connections:



120LED/m CC Strips



120LED/m CV Strips Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F2835A60SA-W-24C	SMD2835	CC Version	120	19.2W	24V	≥ 90	10mm	IP20	Warm White	2700/3000K	1650-1700lm
Nature White									4000-4500K	1700-1750lm	
Pure White									6000-6500K	1750-1800lm	
QL-F2835X30SA-W-24C	SMD2835	CC Version	60	14.4W	24V	≥ 90	10mm	IP20 IP67	Warm White	2700/3000K	950-1000lm
Nature White									4000-4500K	1000-1050lm	
Pure White									6000-6500K	1050-1100lm	
QL-F2835A60SA-W-12/24	SMD2835	CV Version	120	19.2W	12V/24V	≥ 90	10mm	IP20	Warm White	2700/3000K	1650-1700lm
Nature White									4000-4500K	1700-1750lm	
Pure White									6000-6500K	1750-1800lm	
QL-F2835X30SA-W-12/24	SMD2835	CV Version	60	14.4W	12V/24V	≥ 90	10mm	IP20 IP67	Warm White	2700/3000K	950-1000lm
Nature White									4000-4500K	1000-1050lm	
Pure White									6000-6500K	1050-1100lm	

Remark: X stands for waterproof version, A stands for non-waterproof version, C stands for IP67 waterproof version.  
CC means constant current version, CV means Constant Voltage Version



## CRI≥90 SMD3020 LED Flexible Strips



- Ra+90
- CC Version

### Specifications:

- LED: CRI≥90 SMD3020
- Constant current version
- LED Quantity: 70LED/m, 126LED/m
- Power: 15W/m, 22W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 7LED cutting

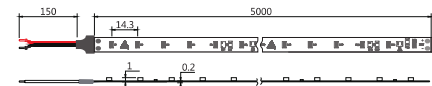
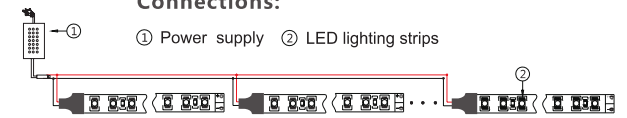


### Applications:

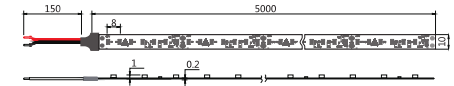
- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge edge lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

### Connections:

- ① Power supply ② LED lighting strips



70LED/m CC Strips



126LED/m CC Strips

Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F3020A63SA-W-24C	SMD3020	CC Version	126	22W	24V	≥ 90	10mm	IP20 IP67	Warm White	2700/3000K	1800-1900lm
Nature White									4000-4500K	1900-2000lm	
Pure White									6000-6500K	2000-2200lm	
QL-F3020X35SA-W-24C	SMD3020	CC Version	70	15W	24V	≥ 90	8mm	IP20 IP67	Warm White	2700/3000K	1250-1300lm
Nature White									4000-4500K	1350-1400lm	
Pure White									6000-6500K	1450-1500lm	

Remark: X stands for waterproof version, A stands for non-waterproof version, C stands for IP67 waterproof version.  
CC means constant current version, CV means Constant Voltage Version



### CRI≥90 SMD5050 LED Strips



#### Features:

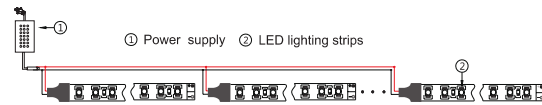
- LED: CRI≥90 SMD5050
- Constant Current and Constant Voltage Version
- LED Qty: 60LED/m, 30LED/m
- Power: 14.4W/m, 7.2W/m
- Voltage: DC24V and DC12V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 5LED or 6LED cutting for DC24V version and 3LED for cutting DV12V version



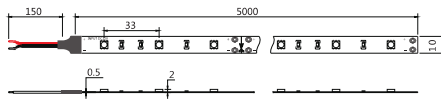
#### Applications:

- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge Lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

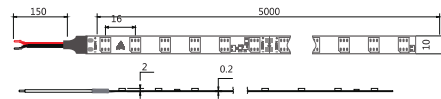
#### Connections:



#### Dimension Drawings:



30LED/m CV version Unit:mm



60LED/m CC version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	(CT/K)	Lumen (lm/m)
QL-F5050X30SA-W-24C	SMD5050	CC Version	60	14.4W	24V	≥90	10mm	IP20 IP54 IP67 IP68	■ Warm White	2700/3000K	900-1000
■ Nature White									4000-4500K	1000-1100	
■ Pure White									6000-6500K	1100-1200	
QL-F5050X30SA-P-24C	SMD5050	CV Version	60	14.4W	12V/24V	≥90	10mm	IP20 IP54 IP67 IP68	■ Warm White	2700/3000K	900-1000
■ Nature White									4000-4500K	1000-1100	
■ Pure White									6000-6500K	1100-1200	
QL-F5050X15SA-W-12/24	SMD5050	CV Version	30	7.2W	12V/24V	≥90	10mm	IP20 IP54 IP67 IP68	■ Warm White	2700/3000K	500-540
■ Nature White									4000-4500K	540-570	
■ Pure White									6000-6500K	570-600	

Remark: X stands for waterproof version, A stands for IP20 version, B and S stands for IP54 version, C stands for IP67 version and D stands for IP68 version

CC means Constant Current version, CV means Constant Voltage version.



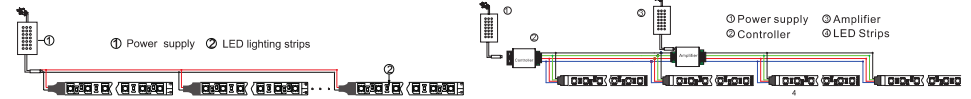
### SMD5050 LED Flexible Strips



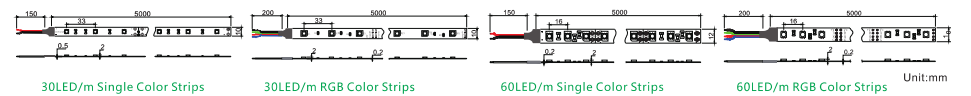
#### Features:

- LED: SMD5050
- LED Quantity: 30LED/m and 60LED/m
- Power: 7.2W/m and 14.4W/m
- Voltage: DC12V/DC24V
- PCB Width: 10mm
- Color: RGB, Red, Blue, Green, Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 3 LED cuttable for DC12V version and 6 LED cuttable for DC24V version

#### Connections:



#### Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	Lumen (lm/m)
QL-F5050X30-P-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	■ Pure White	1250-1300lm
QL-F5050X30-N-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	■ Nature White	1200-1250lm
QL-F5050X30-W-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	■ Warm White	1100-1200lm
QL-F5050X30-C-24C	SMD5050	CC Version	60	14.4W	24V	12mm	IP20-IP68	■ RGB	550-600lm
QL-F5050X30-B-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	■ Blue	300-320lm
QL-F5050X30-G-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	■ Green	950-1000lm
QL-F5050X15-P-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ Pure White	630-660lm
QL-F5050X15-N-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ Nature White	600-630lm
QL-F5050X15-W-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ Warm White	550-600lm
QL-F5050X15-C-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ RGB	280-300lm
QL-F5050X15-R-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ Red	420-450lm
QL-F5050X15-Y-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ Yellow	420-450lm
QL-F5050X15-B-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ Blue	150-160lm
QL-F5050X15-G-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	■ Green	480-500lm
QL-F5050X30-P-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ Pure White	1250-1300lm
QL-F5050X30-N-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ Nature White	1200-1250lm
QL-F5050X30-W-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ Warm White	1100-1200lm
QL-F5050X30-C-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ RGB	550-600lm
QL-F5050X30-R-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ Red	420-450lm
QL-F5050X30-Y-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ Yellow	420-450lm
QL-F5050X30-B-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ Blue	300-320lm
QL-F5050X30-G-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	■ Green	950-1000lm

CT/K: Warm White: 2200K, 2700K, 3000K, Nature White: 4000K, Pure White: 6000K



SMD3528 LED Flexible Strips

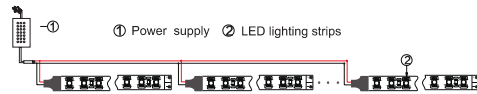


- Ra+80/R/G/B/W/Y
- CC/CV Version

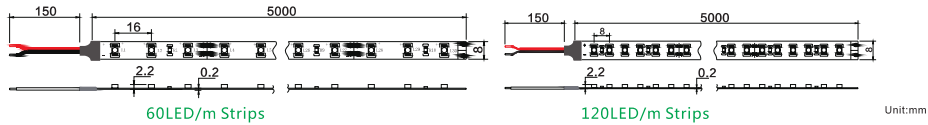
Features:

- LED: SMD3528
- LED Quantity: 60LED/m and 120LED/m
- Power: 4.8W/m and 9.6W/m
- Voltage: DC12V/DC24V
- PCB Width: 8mm, 10mm
- Color: Red, Blue, Green, Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 3 LED cuttable for DC12V version and 6 LED cuttable for DC24V version

Connections:



Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	(CT:K)	Lumen (lm/m)
QL-F3528X30-P-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	□ Pure White	6000-7000K	400-420lm
QL-F3528X30-N-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	□ Nature White	4000-4500K	370-390lm
QL-F3528X30-W-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	□ Warm White	2200/2700/3000K	340-360lm
QL-F3528X30-B-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	■ Blue	620-630	100-110lm
QL-F3528X30-G-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	■ Green	585-595	300-330lm
QL-F3528X60-P-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	□ Pure White	455-470	800-850lm
QL-F3528X60-N-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	□ Nature White	510-525	750-800lm
QL-F3528X60-W-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	□ Warm White	6000-7000K	700-750lm
QL-F3528X60-B-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	■ Blue	4000-4500K	200-220lm
QL-F3528X60-G-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	■ Green	2200/2700/3000K	600-660lm
QL-F3528X30-P-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	□ Pure White	6000-7000K	400-420lm
QL-F3528X30-N-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	□ Nature White	4000-4500K	370-390lm
QL-F3528X30-W-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	□ Warm White	2200/2700/3000K	340-360lm
QL-F3528X30-R-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	■ Red	620-630	130-150lm
QL-F3528X30-Y-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	■ Yellow	585-595	130-150lm
QL-F3528X30-B-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	■ Blue	455-470	100-110lm
QL-F3528X30-G-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	■ Green	510-525	300-330lm
QL-F3528X60-P-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	□ Pure White	6000-7000K	800-840lm
QL-F3528X60-N-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	□ Nature White	4000-4500K	760-780lm
QL-F3528X60-W-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	□ Warm White	2200/2700/3000K	700-720lm
QL-F3528X60-R-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	■ Red	620-630	260-300lm
QL-F3528X60-Y-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	■ Yellow	585-595	260-300lm
QL-F3528X60-B-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	■ Blue	455-470	200-220lm
QL-F3528X60-G-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	■ Green	510-525	600-660lm

Remark: X stands for waterproof version, A stands for non-waterproof version, B and S stands for IP54 waterproof version  
 C stands for IP67 waterproof version, D stands for IP68 waterproof version  
 CC means constant current version, CV means Constant Voltage Version



SMD3535 RGB LED Strips

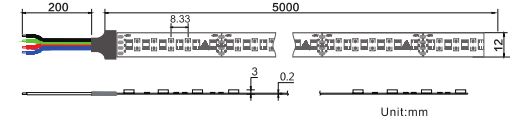


- Super RGB
- 120 LED/m

Features:

- SMD3535
- Constant Voltage Version
- LED Qty: 120LED/m
- Power: 28.8W/m
- Voltage: DC24V
- Color: RGB
- Waterproof: IP20 non-waterproof version
- Cutting: 6LED cutting for DC24V version

Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F3535A60-C-24	SMD3535	CV Version	120	28.8W	24V	12mm	IP20	RGB	620-630 510-525 455-470	300-320 750-780 200-220

Remark: CC means Constant Current version, CV means Constant Voltage version.

SMD335 Side View LED Strips

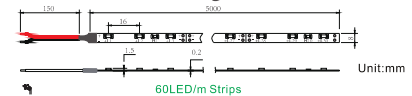


- Side-View

Features:

- LED: SMD335
- LED Quantity: 60LED/m, 120LED/m
- Power: 4.8W/m, 9.6W/m
- Voltage: DC12V, DC24V
- PCB Width: 8mm
- Color: Red, Blue, Green, Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 3 LED cuttable for DC12V version, 6 LED cuttable for DC24V version

Dimension Drawings:



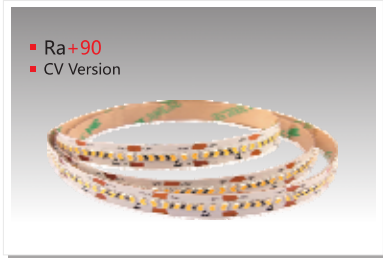
Connections:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F335X30-R-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	■ Red	620-630	110-120
QL-F335X30-Y-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	■ Yellow	585-595	110-120
QL-F335X30-B-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	■ Blue	460-470	90-100
QL-F335X30-G-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	■ Green	520-525	240-300
QL-F335X30-P-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	□ Pure White	6000-7000K	400-450
QL-F335X30-N-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	□ Nature White	4000-4500K	350-400
QL-F335X30-W-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	□ Warm White	3000-3500K	300-350
QL-F335X60-R-12/24	335	CV Version	120	9.6W	12V/24V	8mm	IP20/IP67	■ Red	620-630	220-240
QL-F335X60-Y-12/24	335	CV Version	120	9.6W	12V/24V	8mm	IP20/IP67	■ Yellow	585-595	220-240
QL-F335X60-B-12/24	335	CV Version	120	9.6W	12V/24V	8mm	IP20/IP67	■ Blue	460-470	180-200
QL-F335X60-G-12/24	335	CV Version	120	9.6W	12V/24V	8mm	IP20/IP67	■ Green	520-525	480-600
QL-F335X60-P-12/24	335	CV Version	120	9.6W	12V/24V	8mm	IP20/IP67	□ Pure White	6000-7000K	800-850
QL-F335X60-N-12/24	335	CV Version	120	9.6W	12V/24V	8mm	IP20/IP67	□ Nature White	4000-4500K	750-800
QL-F335X60-W-12/24	335	CV Version	120	9.6W	12V/24V	8mm	IP20/IP67	□ Warm White	3000-3500K	700-750



## CRI ≥90 SMD2216 LED Strips



- Ra+90
- CV Version

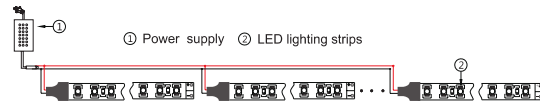
### Features:

- LED: CRI ≥90 SMD2216
- Constant voltage version
- LED Qty: 300LED/m, 120LED/m, 60LED/m
- Power: 18W/m, 9.6W/m, 4.8W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 6LED for DC24V version, and 3LED for DC12V version

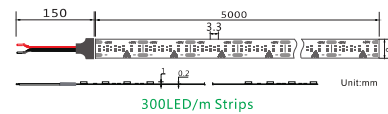
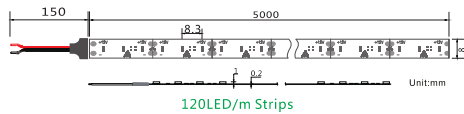
### Applications:

- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge Lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

### Connections:



### Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL-F2216A150SA-W-24	SMD2216	CV Version	300LED/m	18W	24V	8mm	IP20	□ Warm White	3000-3200K	1250-1300
□ Nature White								3900-4200K	1300-1350	
□ Pure White								6000-6500K	1350-1400	
QL-F2216A150SA-N-24	SMD2216	CV Version	120LED/m	9.6W	24V	8mm	IP20/IP67	□ Warm White	3000-3200K	550-600
□ Nature White								3900-4200K	600-650	
□ Pure White								6000-6500K	650-700	
QL-F2216X60SA-W-12/24	SMD2216	CV Version	60LED/m	4.8W	24V	8mm	IP20/IP67	□ Warm White	3000-3200K	280-300
□ Nature White								3900-4200K	300-320	
□ Pure White								6000-6500K	320-350	

Remark: X stands for waterproof version, A stands for non-waterproof version, B and S stands for IP54 waterproof version  
 C stands for IP67 waterproof version, D stands for IP68 waterproof version  
 CC means constant current version, CV means Constant Voltage Version



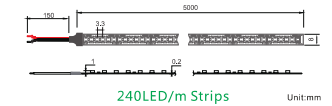
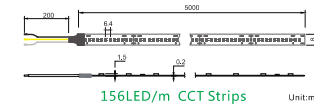
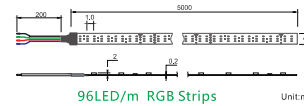
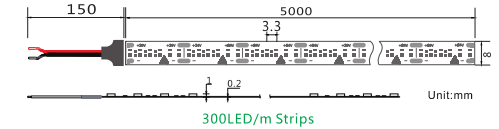
## Spot-Free LED Flexible Strips



### Features:

- LED: SMD5050, SMD2216 & SMD3528
- Constant Voltage Version
- LED Qty: 96LED/m, 300LED/m, 156LED/m, 240LED/m
- Power: 12W/m, 23W/m, 20W/m
- Voltage: DC24V
- Color: CCT-Adj, RGB, White, Red, Green, Blue, Yellow
- Waterproof: IP67
- Cutting: 6LED cutting for DC24V Version
- Spot-Free Version, Perfect Color and Brightness Uniform

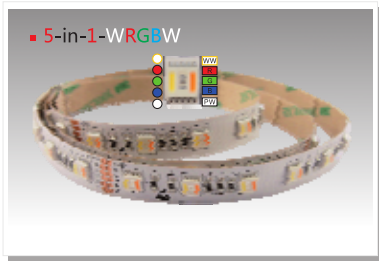
### Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
<b>CCT Adj &amp; RGB Series</b>											
QL-F3528C78T-HA-24-M	SMD3528	CV Version	156LED/m	23W	24V	≥90	8mm	IP67	□ CCT	2400-5000K	1400-1500
QL-F5050C48-C-24-M	SMD5050	CV Version	96LED/m	20W	24V	/	8mm	IP67	RGB	620-630 520-525 455-470	130-140 450-500 100-110
<b>SMD2216 Series</b>											
QL-F2216C150SA-W-24-M	SMD2216	CV Version	300LED/m	12W	24V	≥90	8mm	IP67	□ Warm White	2500-2600K	500-600
QL-F2216C150SA-N-24-M									□ Nature White	3400-3500K	600-650
QL-F2216C150SA-P-24-M									□ Pure White	5000-5200K	650-700
<b>SMD3528 Series</b>											
QL-F3528C120SAL-W-24-MS195	SMD3528	CV Version	240LED/m	12W	24V	≥95	8mm	IP67	□ Warm White	2400/2700K	800-900
QL-F3528C120SAL-N-24-MS195									□ Nature White	3500-3600K	900-1000
QL-F3528C120SAL-P-24-MS195									□ Pure White	5200-5500K	1000-1050
QL-F3528C120SAL-W-24-MS1	SMD3528	CV Version	240LED/m	12W	24V	≥90	8mm	IP67	□ Warm White	2400/2700K	850-950
QL-F3528C120SAL-N-24-MS1									□ Nature White	3500-3600K	950-1050
QL-F3528C120SAL-P-24-MS1									□ Pure White	5200-5500K	1050-1150
QL-F3528C120-W-24-MS1	SMD3528	CV Version	240LED/m	12W	24V	≥80	8mm	IP67	□ Warm White	2100/2400/2700K	800-900
QL-F3528C120-N-24-MS1									□ Nature White	3500-3600K	900-950
QL-F3528C120-P-24-MS1									□ Pure White	5200-5500K	950-1000
QL-F3528C120-B-24-MS1	SMD3528	CV Version	240LED/m	12W	24V	/	8mm	IP67	■ Blue	460-470	280-300
QL-F3528C120-G-24-MS1									■ Green	520-525	700-750
QL-F3528C120-R-24-MS1									■ Red	620-630	350-370
QL-F3528C120-Y-24-MS1	SMD3528	CV Version	240LED/m	12W	24V	/	8mm	IP67	■ Yellow	585-595	350-370

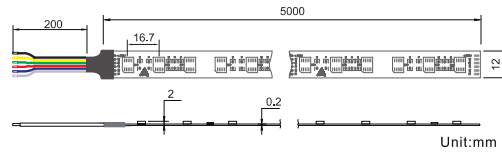
Remark: CC means constant current version, CV means constant voltage version

### New WRGBW Strips with 5 Chips in One LED



**Features:**

- LED: SMD5050 With Five Chips in One LED
- Constant Voltage Version
- LED Qty: 60LED/m
- Power: 24W/m
- Voltage: DC24V
- Color: RGB+Pure White +Warm White
- Waterproof: IP20, IP67
- Cutting: 3 LED cutting for DC12V Version, 6 LED cutting for DC24V Version

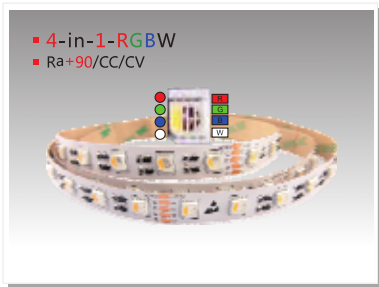


**Dimension Drawings:**

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	$\lambda$ (Nm)/(CT:K)	Lumen (lm/m)
F5050A30-WCP-12/24	SMD5050	CV Version	60LED/m	24W	12V/24V	12mm	IP20	2500K+RGB+6000K	620-625 465-470	100-120 90-110
F5050C30-WCP-12/24								IP67	2500K+RGB+6000K	6000-6500K 2500-2700K

Remark: CC means constant current version, CV means constant voltage version

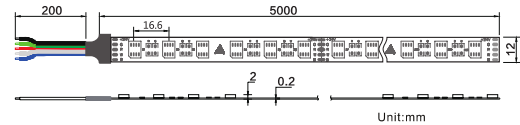
### New RGBX Strips with 4 Chips in One LED



**Features:**

- LED: SMD5050 With Four Chips in One LED
- LED Quantity: 60LED/m, 72LED/m
- Power: 19.2W/m, 23W/m
- Voltage: DC12V, DC24V
- Color: RGB Warm White, RGB Nature White, RGB Pure White, RGB Amber
- Waterproof: IP20, IP67
- Cutting: 3LED cutting for DC12V, 6LED cutting for DC24V

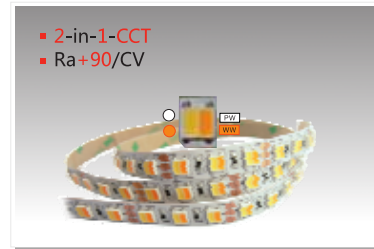
**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power(W/m)	Voltage	PCB Width	Waterproof	Color	Lumen (lm/m)
QL-F5050X30-CP4-12/24	SMD5050	CC&CV Version	60	19.2W	12V/24V	12mm	IP20/IP67	RGB Pure White	880-930lm
QL-F5050X30-CN4-12/24								RGB Nature White	850-880lm
QL-F5050X30-CW4-12/24								RGB Warm White	750-850lm
QL-F5050X30-CY4-12/24								RGB Amber	550-600lm
QL-F5050X36-CP4-12/24	SMD5050	CV Version	72	23W	12V/24V	12mm	IP20/IP67	RGB Pure White	1080-1120lm
QL-F5050X36-CN4-12/24								RGB Nature White	1020-1050lm
QL-F5050X36-CW4-12/24								RGB Warm White	900-1000lm
QL-F5050X36-CY4-12/24								RGB Amber	690-720lm

Remark: X stands for waterproof version, A stands for non-waterproof version, C stands for IP67 waterproof version. CC means constant current version, CV means Constant Voltage Version

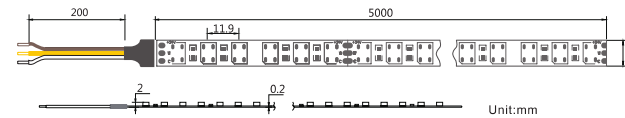
### CRI ≥90 CCT Adjustable Strips with Two Chips in One LED



**Features:**

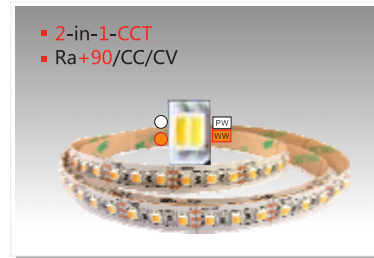
- LED: Special SMD5050, with two chips in one LED, one warm white chip, one pure white chip
- Constant Voltage Version
- LED Qty: 84LED/m
- Power: 20W/m
- Voltage: DC12V, DC24V
- PCB Width: 10mm
- Waterproof: IP20, IP67
- Cutting: 6LED for DC24V version, and 3LED for DC12V Version

**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	$\lambda$ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5050A42T-HA-12/24	SMD5050	CV Version	84LED/m	20W	12V/24V	10mm	IP20/IP67	2500K-6000K	1700-1800lm
QL-F5050C42T-HA-12/24									

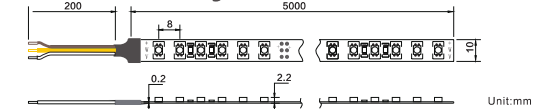
### CRI ≥90 CCT Adjustable Strips with Two Chips in One LED



**Features:**

- LED: Special SMD3528 with two chips in one LED, one warm white chip, one pure white chip
- LED Quantity: 120LED/m, 60LED/m, 156LED/m
- Power: 19.2W/m, 9.6W/m
- Voltage: DC12V/DC24V
- PCB Width: 10mm
- Waterproof: IP20, IP67
- Cutting: 3 LED cuttable for DC12V version and 6 LED cuttable for DC24V version

**Dimension Drawings:**



Model No.	LED Type	CRI(Ra)	LED Qty (m)	CC/CV	Work Voltage	Power (W/m)	PCB Width	Waterproof	$\lambda$ (Nm)/(CT:K)	Luminous Flux (lm/m)
QL-F3528X78T-HA-24	SMD3528 New	≥90	156	CV	24V	23W	8mm	IP20/IP67	2500-6500K	1700-1800lm
QL-F3528X60T-HA-12/24	SMD3528 New	≥90	120	CV	12V/24V	19.2W	10mm	IP20/IP67	2500-6500K	1300-1400lm
QL-F3528X30T-HA-24C	SMD3528 New	≥90	60	CC	24V	9.6W	10mm	IP20/IP67	2500-6500K	600-700lm
QL-F3528X30T-HA-12/24	SMD3528 New	≥90	60	CV	12V/24V	9.6W	10mm	IP20/IP67	2500-6500K	600-700lm

Remark: CC means constant current version, CV means Constant Voltage Version

Infrared LED Strips

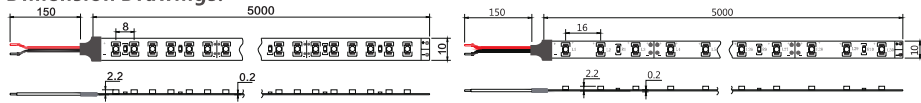
Infrared Strips



Features:

- LED: SMD3528
- Constant voltage version
- LED Qty: 60LED/m, 120LED/m
- Power: 4.8W/m, 9.6W/m
- Voltage: DC12V, DC24V
- Color: Infrared 840-845nm
- Waterproof: IP20, IP67
- Cutting: 6LED for DC24V version, and 3LED for DC12V version

Dimension Drawings:



120LED/m CV Strips

60LED/m CV Strips

Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)
QL-F3528A30-IR-12/24	SMD3528	CV Version	60LED/m	4.8W	12V/24V	10mm	IP20 IP67	Infrared Color	840-845nm
QL-F3528C30-IR-12/24			120LED/m	9.6W	12V/24V	10mm	IP20 IP67	Infrared Color	840-845nm
QL-F3528A60-IR-12/24	SMD3528	CV Version	60LED/m	4.8W	12V/24V	10mm	IP20 IP67	Infrared Color	840-845nm
QL-F3528C60-IR-12/24			120LED/m	9.6W	12V/24V	10mm	IP20 IP67	Infrared Color	840-845nm

CRI ≥ 90 CCT Adjustable Strips with Two Separate LED

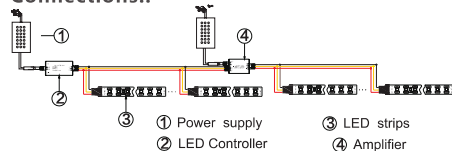
Normal-CCT  
Ra +95/90/80



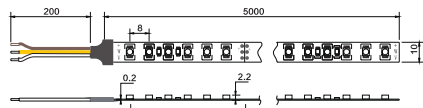
Features:

- LED: Normal Bright SMD3528 and high output SMD3528
- LED Quantity: 120LED/m
- Power: 9.6W/m and 14.4W/m
- Voltage: DC12V/DC24V
- PCB Width: 10mm
- Color: 3000-7000K adjustable
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 6 LED cuttable for DC12V version and 12 LED cuttable for DC24V version

Connections:



Dimension Drawings:



Unit:mm

Model No.	LED Type	LED Qty (m)	CC/CV	Work Voltage	Power (W/m)	PCB Width	Waterproof	Color	Luminous Flux (lm/m)
QL-F3528A60TS-H-12/24	SMD3528 Super Bright	120	CV	12V/24V	14.4W	10mm	IP20	3000-7000K	1300-1400lm
QL-F3528X60T-H-12/24	SMD3528 Normal Bright	120	CV	12V/24V	9.6W	10mm	IP20-IP68	3000-7000K	700-800lm

Remark: X stands for waterproof version, A stands for non-waterproof version, B and S stands for IP54 waterproof version  
C stands for IP67 waterproof version, D stands for IP68 waterproof version  
CC means constant current version, CV means Constant Voltage Version

Fresh Food Lighting LED Strips

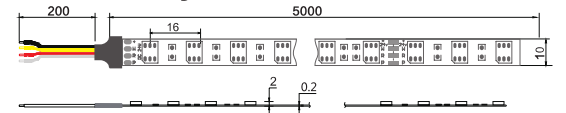
Food-Light  
Red+PW+WW



Features:

- LED: SMD5050
- Constant Voltage Version
- LED Qty: 60LED/m, 30LED/m
- Power: 14.4W/m, 7.2W/m
- Voltage: DC12V, DC24V
- Color: Warm White+Pure White+Red
- Waterproof: IP20, IP67
- Cutting: 6LED cutting for DC24V version, and 3 LED cutting for DC12V version

Dimension Drawings:



60LED/m CV Strips

Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Voltage	Water-proof	Power (W/m)	PCB Width	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5050X15-F-12/24	SMD5050	CV Version	30	12V/24V	IP20 IP67	7.2W	10mm	WW+PW+Red	6000K, 2700K, 620-630	400-500
QL-F5050X30-F-12/24	SMD5050	CV Version	60	12V/24V	IP20 IP67	14.4W	10mm	WW+PW+Red	6000K, 2700K, 620-630	900-1000

Remark: X stands for waterproof version, A stands for IP20 version, C stands for IP67 version

5mm Width LED Strips

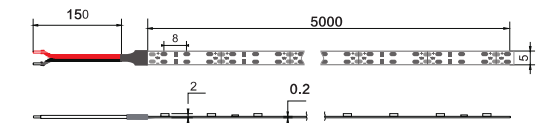
5mm  
Ra +95/90/80/B/G



Features:

- LED: SMD3528 120LED/m, 60LED/m
- Power: 9.6W/m, 4.8W/m
- Voltage: DC12/24V
- Color: Green, Blue, Warm White, Nature White, Pure White
- Waterproof: IP20 non-waterproof version
- Cutting: 6LED cutting for DC24V version, 3LED cutting for DC12V version

Dimension Drawings:



120LED/m CV Strips

Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	CRI(Ra)	Color	(CT:K)	Lumen (lm/m)
QL-F3528A30SAL-W-12/24-5	SMD3528	CV Version	60	4.8W	12V/24V	5mm	IP20	≥ 95 ≥ 90	Warm White	2700/3000/3500K	340-370
QL-F3528A30SAL-N-12/24-5									Nature White	4000-4500K	370-400
QL-F3528A30SAL-P-12/24-5									Pure White	5000/6000K	400-430
QL-F3528A30-B-12/24-5									Blue	455-470	100-110
QL-F3528A30-G-12/24-5									Green	510-525	300-330
QL-F3528A60SAL-W-12/24-5	SMD3528	CV Version	120	9.6W	12V/24V	5mm	IP20	≥ 95 ≥ 90	Warm White	2700/3000/3500K	680-740
QL-F3528A60SAL-N-12/24-5									Nature White	4000-4500K	740-800
QL-F3528A60SAL-P-12/24-5									Pure White	5000/6000K	800-860
QL-F3528A60-B-12/24-5									Blue	455-470	200-220
QL-F3528A60-G-12/24-5									Green	510-525	600-660



## CRI≥95/90 High Density CC LED Strips

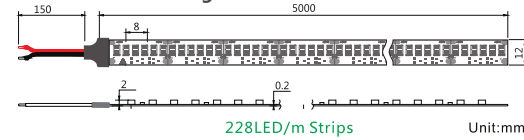


- High-Intensity
- Ra+95/90/80/G/B

### Features:

- LED: SMD3528
- Constant current version
- LED Qty: 228LED/m
- Power: 18W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White, Green, Blue
- Waterproof: IP20 non-waterproof version
- Cutting: 6LED cutting

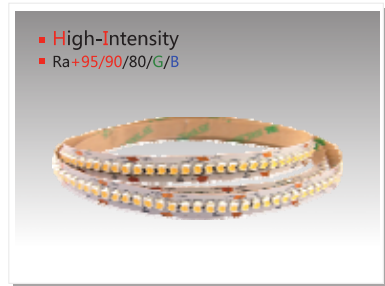
### Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F3528A114SA-W-24C	SMD3528	CC Version	228	18W	24V	≥ 90/95	12mm	IP20	Warm White	2700/3000/3500K	1450-1500lm
Nature White									4000-4500K	1500-1550lm	
Pure White									5000/6000K	1550-1600lm	
QL-F3528A114SA-P-24C	SMD3528	CC Version	228	18W	24V	/	12mm	IP20	Blue	455-470nm	400-420lm
Green									510-525nm	1200-1300lm	

Remark: CC means constant current version, CV means Constant Voltage Version

## CRI≥95/90 High Density CV LED Strips

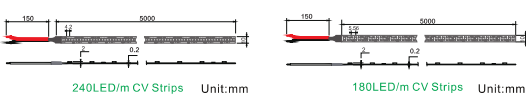


- High-Intensity
- Ra+95/90/80/G/B

### Features:

- SMD3528
- Constant Voltage Version
- LED Qty: 240LED/m, 180LED/m
- Power: 19.2W/m, 14.4W/m
- Voltage: DC24V
- Color: Green, Blue, Warm White, Nature White, Pure White
- Waterproof: IP20 non-waterproof version
- Cutting: 6LED cutting for DC24V version

### Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	CRI(Ra)	Color	(CT:K)	Lumen (lm/m)
QL-F3528A120SAL-W-24-S1	SMD3528	CV Version	240	19.2W	24V	10mm	IP20	≥ 95 ≥ 90	WarmWhite	2200/2700/3000K	1600-1700
NatureWhite									4000-4500K	1700-1800	
PureWhite									6000-7000K	1800-1900	
QL-F3528A120-B-24-S1	SMD3528	CV Version	180	14.4W	24V	10mm	IP20	/	Blue	455-470	400-450
Green									510-525	1250-1350	
QL-F3528A90SAL-W-24	SMD3528	CV Version	240	19.2W	24V	10mm	IP20	≥ 95 ≥ 90	WarmWhite	2200/2700/3000K	1000-1100
NatureWhite									4000-4500K	1100-1200	
PureWhite									5000/6000K	1200-1300	
QL-F3528A90SAL-P-24	SMD3528	CV Version	180	14.4W	24V	10mm	IP20	/	Blue	455-470	300-350
Green									510-525	950-1000	



## Angle-Adjustable LED Strips

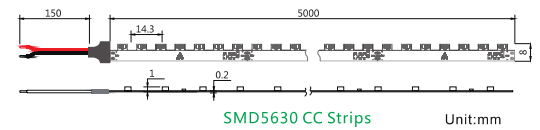


- Angle-Adj
- Ra+95/90/80/R/G/B/W/Y

### Features:

- LED: SMD3528, SMD3535, SMD5630
- Constant Current and Constant Voltage Version
- LED Qty: 70LED/m
- Power: 15W/m, 14.4W/m, 7.2W/m, 4.8W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White, RGB, Red, Green, Blue, Yellow
- Waterproof: IP20 Non-waterproof
- Cutting: 7LED cutting for DC24V version

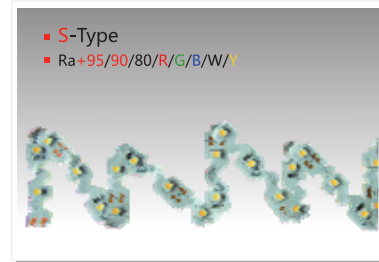
### Dimension Drawings:



Model No.	LED Type	LED Qty	Power (W/m)	Voltage	CC/CV	CRI(Ra)	PCB Width (mm)	Water-proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5630A35SA-W-24C-AG	SMD5630	70	15W	24V	CC Version	≥ 95 ≥ 90	5+8mm	IP20	WarmWhite	2700/3000K	1350-1400
NatureWhite									4000-4500K	1450-1500	
Pure White									6000-6500K	1500-1600	
QL-F3535A35-C-24-AG	SMD3535	70	14.4W	24V	CV Version	/	5+8mm	IP20	RGB	/	600-700
QL-F3528A35SA-W-24-AG	SMD3528	70	7.2W	24V	CV Version	≥ 95 ≥ 90	5+8mm	IP20	WarmWhite	2700/3000/3500K	530-550
NatureWhite									4000-4500K	550-600	
Pure White									5000/6000K	600-650	
QL-F3528A35-R-24-AG	SMD3528	70	4.8W	24V	CV Version	/	5+8mm	IP20	Red	620-630	150-170lm
Yellow									585-595	150-170lm	
Blue									455-470	110-130lm	
Green									510-525	350-380lm	

Remark: CC means Constant Current version, CV means Constant Voltage version.

## S-Type CRI≥95/90 Bendable LED Strips

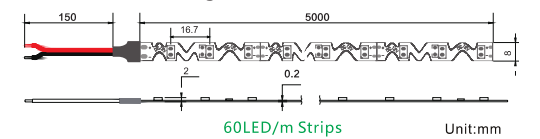


- S-Type
- Ra+95/90/80/R/G/B/W/Y

### Features:

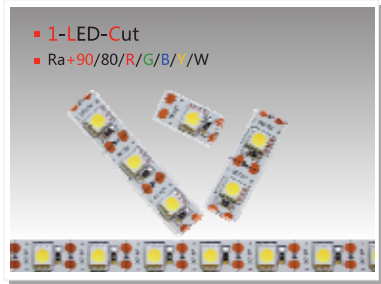
- SMD3528
- Constant Voltage Version
- LED Qty: 60LED/m
- Power: 4.8W/m, 7.2W/m
- Voltage: DC12V/DC24V
- Color: Red, Green, Blue, Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20 non-waterproof version
- Cutting: 6LED cutting for DC24V version, 3 LED cutting for DC12V version

### Dimension Drawings:



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	(CT:K)	Lumen(lm/m)
QL-F3528A30SA-W-12/24-BD	SMD3528	CV Version	60	7.2W	12V/24V	≥ 95 ≥ 90	8mm	IP20	WarmWhite	2700/3000/3500K	530-550
NatureWhite									4000-4500K	550-600	
Pure White									5000/6000K	600-650	
QL-F3528A30-R-12/24-BD	SMD3528	CV Version	60	4.8W	12V/24V	/	8mm	IP20	Red	620-630	140-150
Yellow									585-595	140-150	
QL-F3528A30-B-12/24-BD	SMD3528	CV Version	60	4.8W	12V/24V	/	8mm	IP20	Green	455-470	300-330
Blue									510-525	100-110	

### 1LED Cutting DC12V LED Flexible Strips

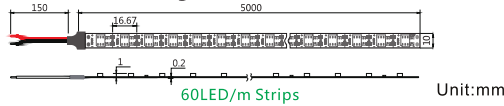


- 1-LED-Cut
- Ra+90/80/R/G/B/W

**Features:**

- LED: SMD5050
- Constant voltage version
- LED Quantity: 60LED/m
- Power: 14.4W/m
- Voltage: DC12V
- Color: Warm White, Nature White, Pure White, Red, Yellow, Green, Blue
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 1LED cutting

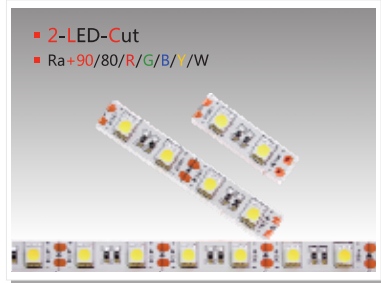
**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5050X30-P-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	□ Pure White	6000-7000K	1250-1300lm
QL-F5050X30-N-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	□ Nature White	4000-4500K	1200-1250lm
QL-F5050X30-W-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	□ Warm White	2200/2700/3000K	1100-1200lm
QL-F5050X30-R-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	■ Red	620-630	420-450lm
QL-F5050X30-Y-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	■ Yellow	585-595	420-450lm
QL-F5050X30-B-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	■ Blue	455-470	300-320lm
QL-F5050X30-G-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	■ Green	510-525	950-1000lm

Remark: X stands for waterproof version, A stands for non-waterproof version, B and S for IP64 waterproof version  
C stands for IP67 waterproof version, D stands for IP68 waterproof version  
CC means constant current version, CV means Constant Voltage Version

### 2LED Cutting DC24V LED Flexible Strips

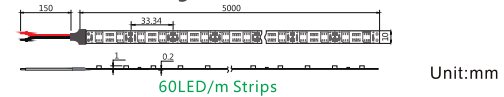


- 2-LED-Cut
- Ra+90/80/R/G/B/W

**Features:**

- LED: SMD5050
- Constant voltage version
- LED Quantity: 60LED/m
- Power: 14.4W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White, Red, Yellow, Green, Blue
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 2LED cutting

**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5050X30-P-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	□ Pure White	6000-7000K	1250-1300lm
QL-F5050X30-N-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	□ Nature White	4000-4500K	1200-1250lm
QL-F5050X30-W-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	□ Warm White	2200/2700/3000K	1100-1200lm
QL-F5050X30-R-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	■ Red	620-630	420-450lm
QL-F5050X30-Y-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	■ Yellow	585-595	420-450lm
QL-F5050X30-B-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	■ Blue	455-470	300-320lm
QL-F5050X30-G-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	■ Green	510-525	950-1000lm

Remark: X stands for waterproof version, A stands for non-waterproof version, B and S for IP64 waterproof version  
C stands for IP67 waterproof version, D stands for IP68 waterproof version  
CC means constant current version, CV means Constant Voltage Version

### SMD3528 Double-Line LED Strips

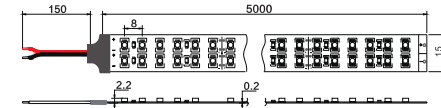


- Ra+95
- Ra+90/80/R/G/B/W

**Features:**

- LED: SMD3528 240LED/m
- Power: 19.2W/m, 28.8W/m
- Voltage: DC24V
- Color: Red, Green, Blue, Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20 non-waterproof version

**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	CRl(Ra)	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F3528X120SA-P-24	SMD3528	CV Version	240	24V	IP20	28.8W/m	20mm	≥95 ≥90	□ Warm White	2700/3000/3500K	2350-2400
□ Nature White									4000-4500K	2400-2450	
QL-F3528X120SA-W-24	SMD3528	CV Version	240	24V	IP20	19.2W/m	15mm	/	□ Pure White	5000/6000K	2450-2550
■ Red									620-630	650-700	
■ Yellow									585-595	650-700	
■ Blue									455-470	400-450	
QL-F3528X120-B-24	SMD3528	CV Version	240	24V	IP20	19.2W/m	15mm	/	■ Green	510-525	1200-1300
■ Green									510-525	1200-1300	

Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.  
CC means Constant Current version, CV means Constant Voltage

### SMD5050 Double-Line LED Strips

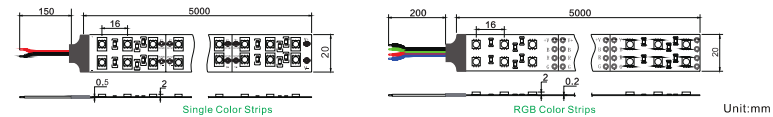


- Ra+90
- Ra+80/R/G/B/W

**Features:**

- LED: SMD5050 120LED/m
- Power: 28.8W/m
- Voltage: DC24V
- Color: RGB, Red, Green, Blue Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20 non-waterproof version

**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Voltage	Water-proof	Power (W/m)	PCB Width	CRl(Ra)	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5050X60SA-W-24	SMD5050	CV Version	120	24V	IP20	28.8W	20mm	≥90	□ Warm White	2200/2700/3000K	2300-2400
□ Nature White									4000-4500K	2400-2500	
QL-F5050X60SA-P-24	SMD5050	CV Version	120	24V	IP20	28.8W	20mm	/	□ Pure White	6000-7000K	2500-2600
■ Red									620-630	860-900	
■ Yellow									585-595	860-900	
■ Blue									455-470	600-650	
QL-F5050X60-B-24	SMD5050	CV Version	120	24V	IP20	28.8W	20mm	/	■ Green	510-525	1900-2000
■ RGB									/	1100-1200	

Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.  
CC means Constant Current version, CV means Constant Voltage version.Itage version.

### Color Ratio Adjustable Plant-Grow LED Strips

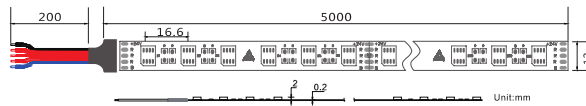


- Color-Ratio-Adj
- 4-in-1 Plant-Grow-Light

**Features:**

- LED: 4-in-1 SMD5050 LED, 3 red chips and 1 blue chip
- Constant voltage version
- LED Qty: 60LED/m
- Power: 19.2W/m
- Voltage: DC12V, DC24V
- Color: 3 red chips and 1 blue chip Red:660-665nm, Blue: 450-455nm
- Color Ratio is adjustable
- Waterproof: IP20, IP67
- Cutting: 6LED for DC24V version, and 3LED for DC12V version

**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5050A30-GL4-12/24	SMD5050	CV Version	60	19.2W	12V/24V	12mm	IP20 IP67	Grow Light	Red:660-665nm Blue: 450-455nm	400-500lm

Remark: One LED with four Chips, 3 Red Chips and 1 Blue Chips. The color ratio can be adjusted by controller

### Plant-Grow LED Strips

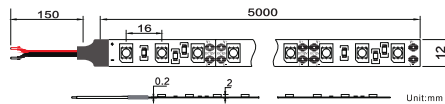


- Plant-Grow-Strip

**Features:**

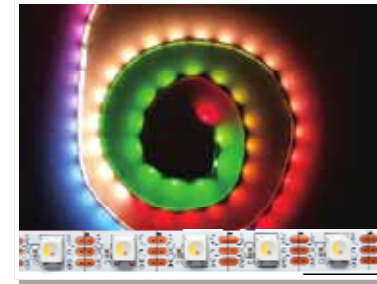
- LED: SMD5050 LED
- Constant voltage version
- LED Qty: 60LED/m
- Power: 14.4W/m
- Voltage: DC12V, DC24V
- Color: Red: 660-665nm, Blue: 450-455nm
- Waterproof: IP20, IP67
- Cutting: 6LED for DC24V version, and 3LED for DC12V version

**Dimension Drawings:**



Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F5050X30-R4B1-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20 IP67	Grow Light R:B=4:1	Red:660-665nm Blue: 450-455nm	330lm
QL-F5050X30-R5B1-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20 IP67	Grow Light R:B=5:1	Red:660-665nm Blue: 450-455nm	340lm
QL-F5050X30-R9B1-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20 IP67	Grow Light R:B=9:1	Red:660-665nm Blue: 450-455nm	350lm

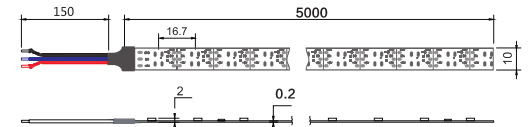
### RGBX SMD5050 Digital LED Strips



**Features:**

- LED: 4 Chips in 1 LED SMD5050, with IC in LED
- Constant Voltage Version
- LED Qty: 60LED/m, 30LED/m
- Power: 18W/m, 9W/m
- Voltage: DC5V
- Color: RGB+Warm White, RGB+Nature White, RGB+Pure White, RGB+Amber digital color
- Waterproof: IP20,IP67
- Cutting: 1 LED cutting for DC5V

**Dimension Drawings:**

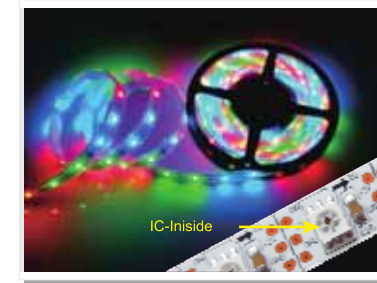


60LED/m CV Strips Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)
QL-F5050X15-CP4-5	SMD5050	CV Version	30	9W	5V	10mm	IP20 IP67	RGB+PW Dream	620-630 510-525 455-470 2700K
QL-F5050X15-CN4-5	SMD5050	CV Version	30	9W	5V	10mm	IP20 IP67	RGB+NW Dream	620-630 510-525 455-470 4000K
QL-F5050X15-CW4-5	SMD5050	CV Version	30	9W	5V	10mm	IP20 IP67	RGB+WW Dream	620-630 510-525 455-470 6000K
QL-F5050X15-CA4-5	SMD5050	CV Version	30	9W	5V	10mm	IP20 IP67	RGB+Amber Dream	620-630 510-525 455-470 340-360
QL-F5050X30-CP4-5	SMD5050	CV Version	60	18W	5V	10mm	IP20 IP67	RGB+PW Dream	620-630 510-525 455-470 2700K
QL-F5050X30-CN4-5	SMD5050	CV Version	60	18W	5V	10mm	IP20 IP67	RGB+NW Dream	620-630 510-525 455-470 4000K
QL-F5050X30-CW4-5	SMD5050	CV Version	60	18W	5V	10mm	IP20 IP67	RGB+WW Dream	620-630 510-525 455-470 6000K
QL-F5050X30-CA4-5	SMD5050	CV Version	60	18W	5V	10mm	IP20 IP67	RGB+Amber Dream	620-630 510-525 455-470 340-360

Remark: X stands for waterproof version, A stands for IP20 version, C stands for IP67 version  
CC means Constant Current version, CV means Constant Voltage

### WS 2811 Digital Strips with IC inside LED



**Features:**

- LED: SMD5050
- LED Quantity: 30LED/m, 60LED/m
- Power: 9W/m, 18W/m
- Voltage: DC5V
- Color: Dream Color
- Waterproof: IP20, IP67
- Cutting: 1LED Cutting for DC5V

**Dimension Drawings:**



30LED/m Strips

60LED/m Strips Unit:mm

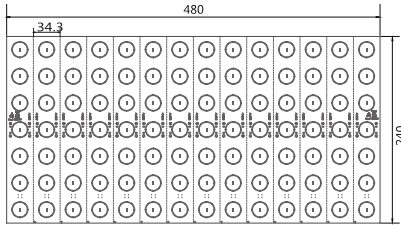
Model No.	LED Type	IC	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)
QL-F5050A15-D-5	SMD5050	WS2811	CV Version	30	9W	5V	10mm	IP20	Dream Color	620-630 510-525 455-470
QL-F5050C15-D-5	SMD5050	WS2811	CV Version	30	9W	5V	10mm	IP67	Dream Color	620-630 510-525 455-470
QL-F5050A30-D-5	SMD5050	WS2811	CV Version	60	18W	5V	10mm	IP20	Dream Color	620-630 510-525 455-470
QL-F5050C30-D-5	SMD5050	WS2811	CV Version	60	18W	5V	10mm	IP67	Dream Color	620-630 510-525 455-470

### 160 Degree SMD2835 Back Light Module



- 160 Degree
- Ra+90

Dimension Drawings:

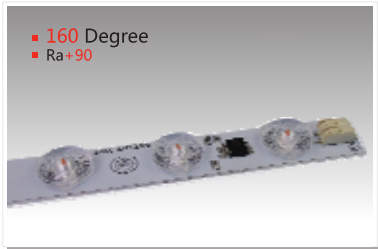


Features:

- Degree: 160 degree
- LED: CRI ≥90 SMD2835
- Constant Voltage Version
- Size: 480\*240mm/pcs
- Power: 34W/pcs
- LED Qty: 98LED/pcs
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20 Version

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Size	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/pcs)
QL-M2835A98-W-24	SMD2835	CV Version	98LED/pcs	34W	24V	480*240mm	IP20	Warm White	2700/3000K	3050-3100
Nature White								3900-4200K	3100-3200	
Pure White								6000-6500K	3200-3300	

### 160 Degree SMD2835 Back Light Bar

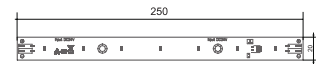


- 160 Degree
- Ra+90

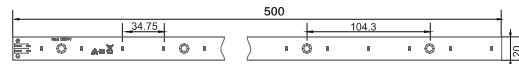
Features:

- Degree: 160 degree
- LED: CRI ≥90 High Power SMD2835
- Constant Current Version
- Length: 25cm/pcs, 50cm/pcs
- Power: 7.2W/pcs, 14.4W/pcs
- LED Qty: 7LED/pcs, 14LED/pcs
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20 Version

Dimension Drawings:



250mm Back Light Bar

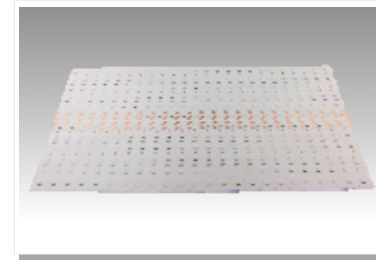


500mm Back Light Bar

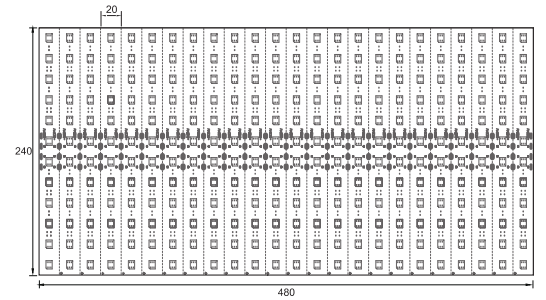
Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	CRI(Ra)	PCB Size (mm)	Water-proof	Color	(CT:K)	Lumen (lm/pcs)
QL-M2835A07-W-24C	SMD2835	CC Version	7	7.2W	24V	≥90	250*20*1.6	IP20	Warm White	3000-3500K	520-550
Nature White									4000-4500K	550-5800	
Pure White									6000-6500K	580-600	
QL-M2835A14-W-24C	SMD2835	CC Version	14	14.4W	24V	≥90	500*20*1.6	IP20	Warm White	3000-3500K	1050-1100
Nature White									4000-4500K	1100-1050	
Pure White									6000-6500K	1150-1200	

### RGB Back Light Soft Module



Dimension Drawings:



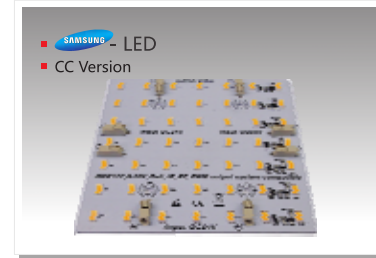
Unit:mm

Features:

- Degree: 120 degree
- LED: SMD5050
- Constant Voltage
- Size: 480\*240mm/pcs
- Power: 65W
- LED Qty: 288LED
- Voltage: DC24V
- Color: RGB
- Waterproof: IP20

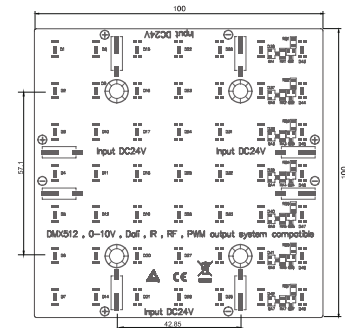
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL-M5050A144-C-24	SMD5050	CV Version	288LED/pcs	65W/pcs	24V	480*240mm	IP20	RGB	620-630 520-525 460-470	540-550 1300-1400 400-410

### SAMSUNG LED SMD5630 LED Module



- SAMSUNG LED
- CC Version

Dimension Drawings:



Features:

- LED: SAMSUNG SMD5630
- Constant Current Version
- Size: 100\*100\*1.6mm
- Power: 10W/pcs
- LED Qty: 49LED/pcs
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	CRI(Ra)	PCB Size (mm)	Water-proof	Color	(CT:K)	Lumen (lm/pcs)
QL-M5630A49-W-24C-SG2	SMD5630	CC Version	49	10W	24V	≥80	100*100*1.6	IP20	Warm White	3000-3500K	1100-1200
Nature White									4000-4500K	1200-1300	
Pure White									6000-6500K	1300-1400	



RGB Controllers



**QL-CTL-R**  
**Wall Type RGB Touching Controller**  
Voltage: DC12V/DC24V  
Output: 3 channels  
Output current: 4A\*3  
Mark: Common anode



**QL-CTL-S**  
**2.4G RGB Touching Controller**  
Voltage: DC12V/DC24V  
Output: 3 channels  
Output current: 6A\*3  
Mark: Common anode



**QL-CTL-WIFI-RGB**  
**WI-FI Touching Controller**  
Voltage: DC12V/DC24V  
Output: 3channels  
Output current: 4A\*3  
Mark: Common anode

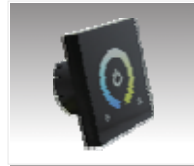


**QL-CTL-I**  
**DMX RGB Controller**  
Voltage: DC12V/DC24V  
Output: 3 channels  
Output current: 4A\*3  
Mark: Common anode



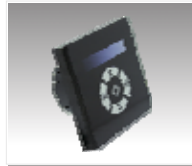
**QL-CTLIR-A**  
**24-Key Infrared Controller**  
Voltage: DC12V/DC24V  
Output: 3 channels  
Output current: 2A\*3  
Mark: Common anode

CCT Adjustable Controllers



**QL-CTLT-R**  
**Wall Type CCT Adjustable Controller**  
Voltage: DC12V/DC24V  
Output: 2 channels  
Output current: 4A\*2  
Mark: Common anode

Dimmers



**QL-DIM-R1**  
**Wall Type Touching Dimmer**  
Voltage: DC12V/DC24V  
Output: 1 channel  
Output current: 8A\*1

RGBW Controllers



**QL-CTL-I4**  
**DMX RGBW Controller**  
Voltage: DC12V/DC24V  
Output: 4channels  
Output current: 4A\*4  
Mark: Common anode



**QL-CTL-S4**  
**2.4G RGBW Touching Controller**  
Voltage: DC12V/DC24V  
Output: 4 channels  
Output current: 6A\*4  
Mark: Common anode



4 Groups Controller and Dimmers



**QL-CTL-Y(Receiver)**  
**QL-REM-A(Remote)**  
4 Group RGB Controller  
Voltage: DC12V/DC24V  
Output: 3 Channels  
Mark: Common anode



**QL-CTL-Y4(Receiver)**  
**QL-REM-A(Remote)**  
4 Group RGBW Controller  
Voltage: DC12V/DC24V  
Output: 4 Channels  
Mark: Common anode

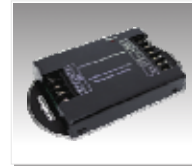


**QL-CTLT-Y(Receiver)**  
**QL-REM-B(Remote)**  
4 Group CCT Adj Controller  
Voltage: DC12V/DC24V  
Output: 2 Channels  
Output current: 2\*6A  
Mark: Common anode



**QL-DIM-Y(Receiver)**  
**QL-REM-B(Remote)**  
4 Group Dimmer  
Voltage: DC12V/DC24V  
Output: 1 Channels  
Output current: 1\*6A

Amplifier



**QL-AMP-D**  
**High Power RGB Amplifier**  
Voltage: DC12V-DC24V  
Output: 3 channels  
Output current: 8A\*3  
Mark: Common anode



**QL-AMP-C4**  
**RGBX Amplifier**  
Voltage: DC12V/DC24V  
Output: 4 channels  
Output: current PCB Size  
Mark: Common anode

## Power Supplies



Power Adaptor

Model No.	Input	Output	Power	Certificate
QL-SNFP-30	AC100V/AC240V	DC12V/DC24V	30W	CE, RoHS, UL
QL-SNFP-60	AC100V/AC240V	DC12V/DC24V	60W	CE, RoHS, UL



MEANWELL Non-waterproof Power Supply

Model No.	Input	Output	Power	Certificate
PLC-30	AC90-264V	DC12V/DC24V	30W	CE, RoHS, UL
PLC-60	AC90-264V	DC12V/DC24V	60W	CE, RoHS, UL
PLC-100	AC90-264V	DC12V/DC24V	100W	CE, RoHS, UL



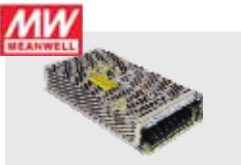
MEANWELL Waterproof Power Supply

Model No.	Input	Output	Power	Certificate
CLG-60	AC90-295V	DC12V/DC24V	60W	CE, RoHS, UL
CLG-100	AC90-295V	DC24V	96W	CE, RoHS, UL



MEANWELL Non-waterproof Power Supply

Model No.	Input	Output	Power	Certificate
RS-50	AC90-132/180-264V	DC12V/DC24V	50W	CE, RoHS, UL
RS-100	AC90-132/180-264V	DC12V/DC24V	100W	CE, RoHS, UL
RS-150	AC90-132/180-264V	DC12V/DC24V	150W	CE, RoHS, UL



MEANWELL Non-waterproof Power Supply

Model No.	Input	Output	Power	Certificate
LRS-50	AC90-132/180-264V	DC12V/DC24V	50W	UL
LRS-100	AC90-132/180-264V	DC12V/DC24V	100W	UL
LRS-150	AC90-132/180-264V	DC12V/DC24V	150W	UL
LRS-200	AC90-132/180-264V	DC12V/DC24V	200W	UL
LRS-350	AC90-132/180-264V	DC12V/DC24V	350W	UL

## Connectors



Part No.QL-CN-A3/A5  
A3: 8mm width  
A5: 10mm width  
For single-color strips



Part No.QL-CN-A8/A10  
A8: 8mm width  
A10: 10mm width  
For single-color strips



Part No.QL-CN-B3/B5  
B3: 8mm width  
B5: 10mm width  
For single-color strips



Part No.QL-CN-B8/B10  
B8: 8mm width  
B10: 10mm width  
For single-color strips



Part No.QL-CN-C  
10mm width  
For RGB strips



Part No.QL-CN-C10  
10mm width  
For RGB strips



Part No.QL-CN-D  
10mm width  
For RGB strips



Part No.QL-CN-D10  
10mm width  
For RGB strips



Part No.QL-CN-J3/J5  
J3: 8mm width  
J5: 10mm width  
For single-color strips



Part No.QL-CN-J8/J10  
J8: 8mm width  
J10: 10mm width  
For single-color strips



Part No.QL-CN-O  
10mm width  
For RGB strips



Part No.QL-CN-O10  
10mm width  
For RGB strips



Part No.QL-CN-E  
10mm width  
For CCT adjustable strips



Part No.QL-CN-HA8/HA10  
HA8: 8mm width  
HA10: 10mm width  
For single-color strips



Part No.QL-CN-F  
10mm width  
For CCT adjustable strips



Part No.QL-CN-H  
DC Connector



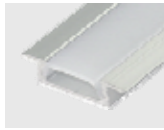
Part No.QL-G2/G4  
G2: with two cables  
G4: with four cables



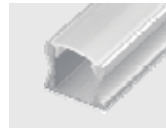
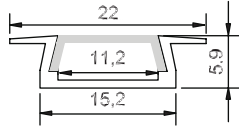
Part No.QL-CN-H3  
DC Connector  
One female + three males



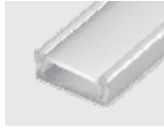
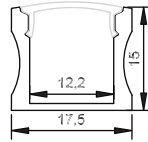
Aluminum Profiles



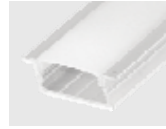
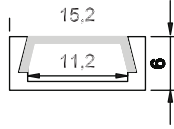
QL-AL05



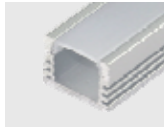
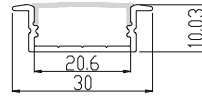
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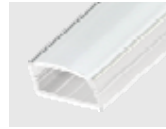
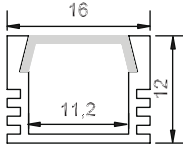
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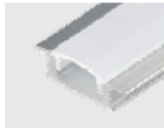
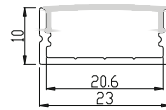
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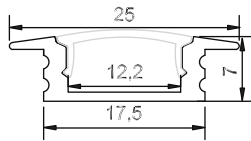
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QL-AL21



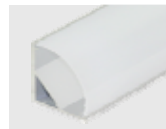
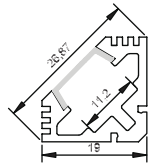
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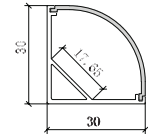
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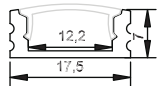
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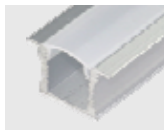
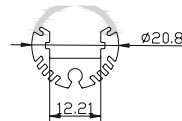
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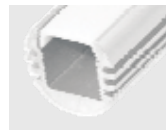
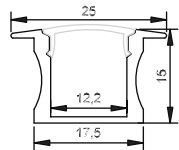
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QL-AL24



QL-AL14



QL-AL25

