led inis

lighting solutions

2023-2024

LED STRIP

CATALOG

c UL us CE RoHS

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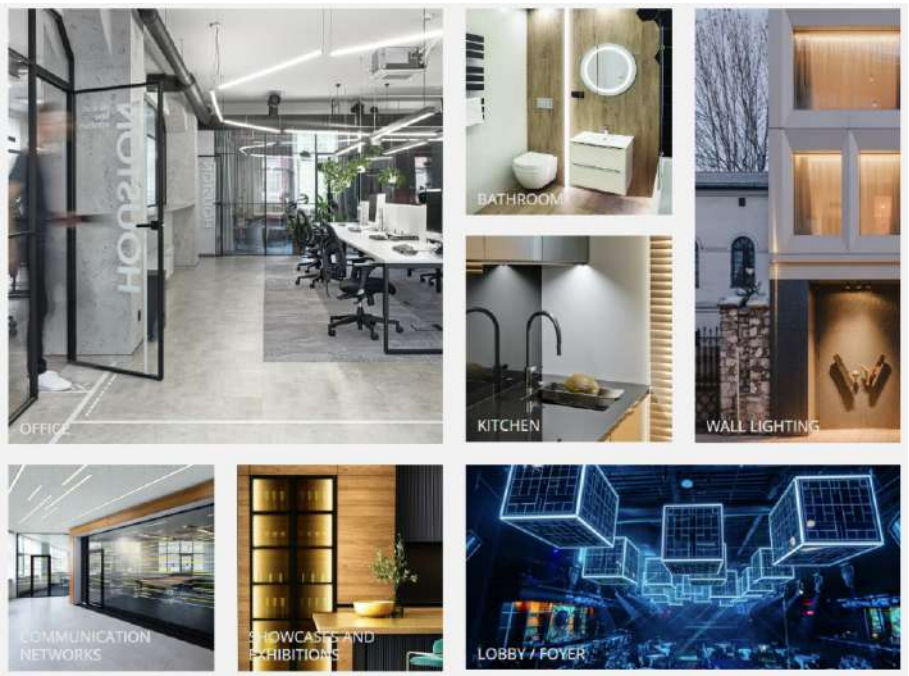

COB STRIP

Spot Free Light

Spot free strips won't dazzle your eyes

Spot free COB strips bing human beings very perfect feeling.
The light won't dazzle your eyes, since you won't see the light dot. The light is just like a light-line.
It is really perfect.

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lighting solutions

130lm/W COB Spot-Free LED Strips

EcoDesign

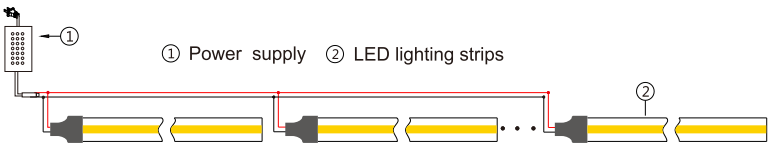
Features:

- LED: CRI≥90 COB LED Strip
- Power: 9W/m, 10W/m, 15W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 45.45mm and 50mm
- COB Version bring you spot-free feeling
- Comply with the European ErP EcoDesign regulation.

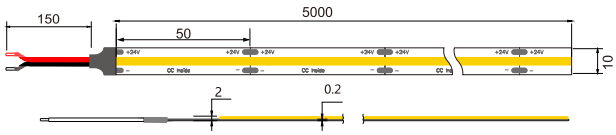
Applications:

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

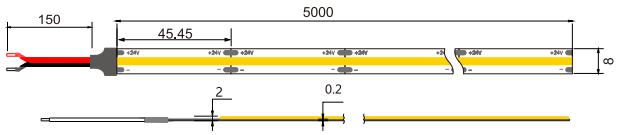
Connections:



Dimension Drawings:



320LED/m 10mm CC Version Unit:mm



308LED/m 8mm CV Version Unit:mm

Model No.	LED Type	CC/CV	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)	Light Efficiency	Energy efficiency class
QL-F0603X160SA-W-24C-COB10HE QL-F0603X160SA-N-24C-COB10HE QL-F0603X160SA-P-24C-COB10HE	320 LED	CC Version	9W	24V	≥90	10mm	50mm	IP20 IP67	□Warm White □Nature White □Pure White	2700/3000K 4000K 6500K	1030-1080 1080-1120 1120-1170	130W/m	E
QL-F0603X154SA-W-24-COBHE QL-F0603X154SA-N-24-COBHE QL-F0603X154SA-P-24-COBHE	308 LED	CV Version	10W	24V	≥90	8mm	45.45mm	IP20 IP67	□Warm White □Nature White □Pure White	2700/3000K 4000K 6500K	950-1000 1000-1050 1050-1100	110W/m	F
QL-F0603X154SA-W-24-COB10HE QL-F0603X154SA-N-24-COB10HE QL-F0603X154SA-P-24-COB10HE	308 LED	CV Version	15W	24V	≥90	10mm	45.45mm	IP20 IP67	□Warm White □Nature White □Pure White	2700/3000K 4000K 6500K	1350-1450 1450-1550 1550-1650	110W/m	F

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.

Free-Cut COB Spot-Free LED Strips

EcoDesign

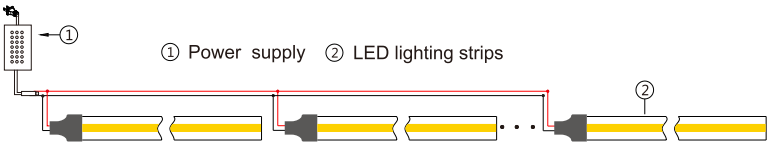
Features:

- LED: CRI≥90 COB LED Strip
- Power: 15W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 6.25mm
- COB Version bring you spot-free feeling
- Comply with the European ErP EcoDesign regulation.

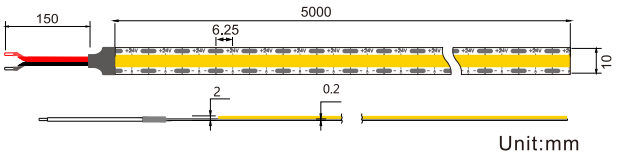
Applications:

- 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	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)	Energy efficiency class
QL-F0603A160SA-WW-24-COB102P	320 LED	CV Version	15W	24V	≥90	10mm	6.25mm	IP20	Warm White	2700/3000K	1500-1550	F
QL-F0603A160SA-N-24-COB102P									Nature White	4000K	1550-1600	
QL-F0603A160SA-P-24-COB102P									Pure White	6500K	1600-1650	
QL-F0603C160SA-WW-24-COB102P	320 LED	CV Version	15W	24V	≥90	10mm	6.25mm	IP67	Warm White	2700/3000K	1500-1550	F
QL-F0603C160SA-N-24-COB102P									Nature White	4000K	1550-1600	
QL-F0603C160SA-P-24-COB102P									Pure White	6500K	1600-1650	

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.

COB Spot-Free LED Flexible Strips

EcoDesign

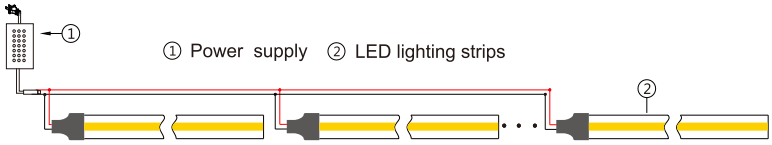
Features:

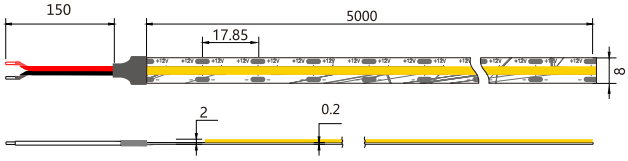
- LED: CRI≥90 COB LED
- Power: 12W/m, 14W/m, 18W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White, Red, Blue, Yellow
- Waterproof: IP20, Ip67
- COB version bring you spot-free feeling
- Comply with the European ErP EcoDesign regulation.

Applications:

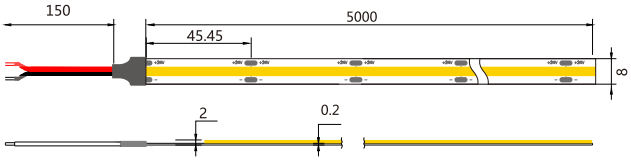
- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge edge lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

Connections:

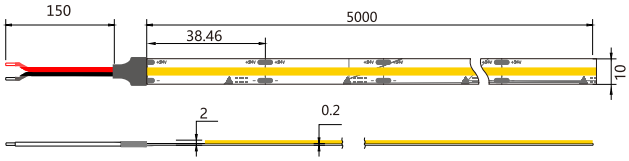




DC12V, 8mm Version Unit:mm



DC24V, 8mm Version Unit:mm



DC24V, 10mm Version Unit:mm

Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F0603X264SA-WW-24-COB	528 COB LED	CV Version	14W	24V	≥90	8mm	45.45mm	IP20 IP67	Warm White	2700K	1100-1200	F/G
QL-F0603X264SA-W-24-COB									Warm White	3000K	1200-1300	
QL-F0603X264SA-N-24-COB									NatureWhite	4000K	1300-1400	
QL-F0603X264SA-P-24-COB									Pure White	6500K	1300-1400	
QL-F0603X264SA-R-24-COB	528 COB LED	CV Version	14W	24V	≥90	8mm	45.45mm	IP20 IP67	Red	/	160-170	/
QL-F0603X264SA-B-24-COB									Blue	/	160-170	
QL-F0603X264SA-Y-24-COB									Yellow	/	1000-1200	
QL-F0603X264SA-VW-24-COB10	528 COB LED	CV Version	18W	24V	≥90	10mm	38.46mm	IP20 IP67	Warm White	2200K	1300-1400	F/G
QL-F0603X264SA-WW-24-COB10									Warm White	2700K	1500-1600	
QL-F0603X264SA-W-24-COB10									Warm White	3000K	1600-1700	
QL-F0603X264SA-WN-24-COB10									Warm White	3500K	1600-1700	
QL-F0603X264SA-N-24-COB10									NatureWhite	4000K	1700-1800	
QL-F0603X264SA-P-24-COB10									Pure White	6500K	1700-1800	
QL-F0603X264SA-WW-12-COB	528 COB LED	CV Version	12W	12V	≥90	8mm	17.85mm	IP20 IP67	Warm White	2700K	800-900	/
QL-F0603X264SA-W-12-COB									Warm White	3000K	900-1000	
QL-F0603X264SA-N-12-COB									NatureWhite	4000K	1000-1100	
QL-F0603X264SA-P-12-COB									Pure White	6500K	1000-1100	
QL-F0603X264SA-WW-12-COB10	528 COB LED	CV Version	12W	12V	≥90	10mm	17.85mm	IP20 IP67	Warm White	2700K	800-900	/
QL-F0603X264SA-W-12-COB10									Warm White	3000K	900-1000	
QL-F0603X264SA-N-12-COB10									NatureWhite	4000K	1000-1100	
QL-F0603X264SA-P-12-COB10									Pure White	6500K	1000-1100	

COB Economic Spot-Free LED Strips

EcoDesign

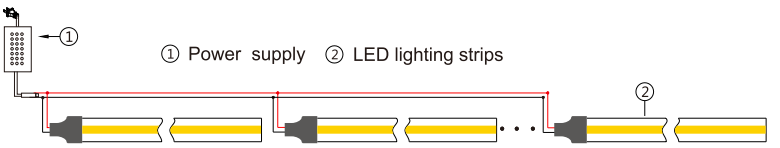
Features:

- LED: CRI≥90 COB LED
- Power: 10W/m
- Voltage: DC24V, DC12V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 25mm, 50mm
- COB Version bring you spot-free feeling
- Comply with the European ErP EcoDesign regulation.

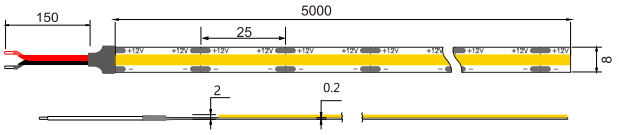
Applications:

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

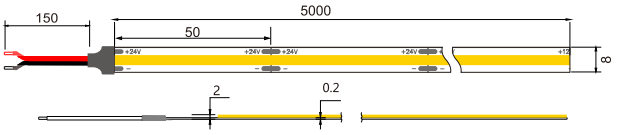
Connections:



Dimension Drawings:



DC12V 8mm Version Unit:mm



DC24V 8mm Version Unit:mm

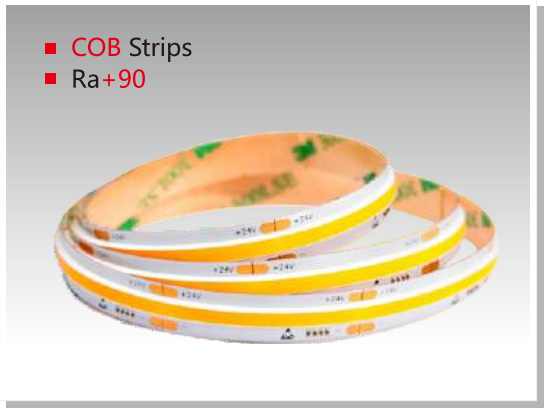
Model No.	LED Type	CC/CV	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)	Energy efficiency class
QL-F0603X160SA-W-24-COBCES QL-F0603X160SA-N-24-COBCES QL-F0603X160SA-P-24-COBCES	320 COB LED	CV Version	10W	24V	≥90	8mm	50mm	IP20 IP67	Warm White Nature White Pure White	2700/3000K 4000K 6500K	880-900 900-950 950-1000	F/G
QL-F0603X189SA-W-24-COBCES QL-F0603X189SA-N-24-COBCES QL-F0603X189SA-P-24-COBCES	378 COB LED	CV Version	10W	24V	≥90	8mm	55.55mm	IP20 IP67	Warm White Nature White Pure White	2700/3000K 4000K 6500K	880-900 900-950 950-1000	F/G
QL-F0603X240SA-W-24-COBCES QL-F0603X240SA-N-24-COBCES QL-F0603X240SA-P-24-COBCES	480 COB LED	CV Version	10W	24V	≥90	8mm	50mm	IP20 IP67	Warm White Nature White Pure White	2700/3000K 4000K 6500K	880-900 900-950 950-1000	F/G
QL-F0603X160SA-W-12-COBCES QL-F0603X160SA-N-12-COBCES QL-F0603X160SA-P-12-COBCES	320 COB LED	CV Version	10W	12V	≥90	8mm	25mm	IP20 IP67	Warm White Nature White Pure White	2700/3000K 4000K 6500K	880-900 900-950 950-1000	F/G
QL-F0603X240SA-W-12-COBCES QL-F0603X240SA-N-12-COBCES QL-F0603X240SA-P-12-COBCES	480 COB LED	CV Version	10W	12V	≥90	8mm	25mm	IP20 IP67	Warm White Nature White Pure White	2700/3000K 4000K 6500K	880-900 900-950 950-1000	F/G

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.

c UL us CE RoHS

COB Spot-Free LED Strips with Bounding Wall

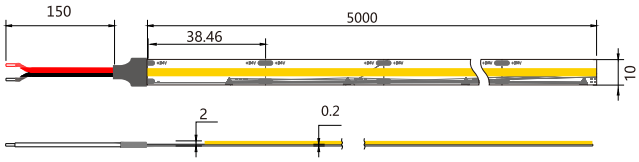
EcoDesign



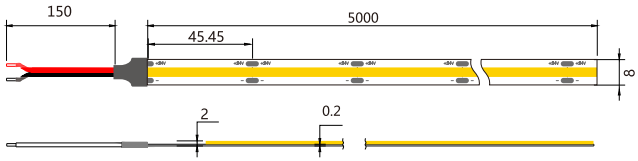
Features:

- LED: CRI≥90 COB LED
- Power: 14W/m, 18W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- With Bounding Wall
- COB Version bring you spot-free feeling
- Comply with the European ErP EcoDesign regulation.

Dimension Drawings:



DC24V, 10mm Version Unit:mm



DC24V, 8mm Version Unit:mm

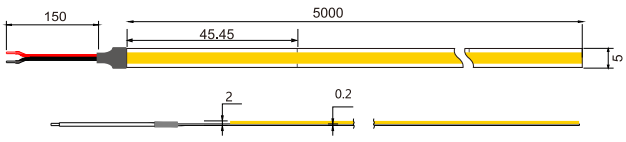
Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F0603X264SA-W-24-COBBW	528 COB LED	CV Version	14W	24V	≥90	8mm	45.45mm	IP20 IP67	Warm White	2700K	1200-1250	F/G
QL-F0603X264SA-W-24-COBBW									Warm White	3000K	1200-1250	
QL-F0603X264SA-N-24-COBBW									NatureWhite	4000K	1250-1350	
QL-F0603X264SA-P-24-COBBW									Pure White	6500K	1350-1450	
QL-F0603X264SA-VW-24-COB10BW	528 COB LED	CV Version	18W	24V	≥90	10mm	38.46mm	IP20 IP67	Warm White	2200K	1200-1300	F/G
QL-F0603X264SA-WW-24-COB10BW									Warm White	2700K	1300-1400	
QL-F0603X264SA-W-24-COB10BW									Warm White	3000K	1300-1400	
QL-F0603X264SA-WN-24-COB10BW									Warm White	3500K	1300-1400	
QL-F0603X264SA-N-24-COB10BW									NatureWhite	4000K	1500-1600	
QL-0603X264SA-NP-24-COB10BW									Pure White	5000K	1600-1650	
QL-F0603X264SA-P-24-COB10BW									Pure White	6500K	1650-1700	

5mm COB Spot-Free LED Flexible Strips

Features:

- LED: COB LED
- Power: 10W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20
- 5 width special small
- COB Version bring you spot-free feeling

Dimension Drawings:



DC24V, 5mm Version Unit:mm

Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F0603A264SA-WW-24-COB5	528 COB LED	CV Version	10W	24V	≥90	5mm	45.45mm	IP20	Warm White	2700K	800-900	F/G
QL-F0603A264SA-W-24-COB5									Warm White	3000K	800-900	
QL-F0603A264SA-N-24-COB5									NatureWhite	4000K	900-950	
QL-F0603A264SA-P-24-COB5									Pure White	6500K	950-1050	

Side View COB Spot-Free LED Strips

EcoDesign

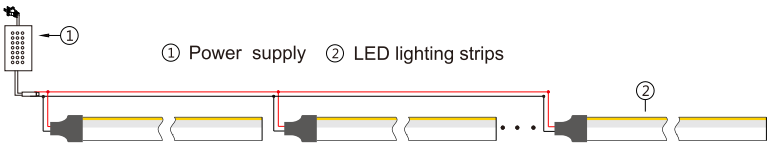
Features:

- LED: CRI≥90 COB LED
- Power: 10W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White, Red, Green, Blue, Yellow, Pink
- Waterproof: IP20, IP67
- Cutting: 55.55mm
- COB Version bring you spot-free feeling

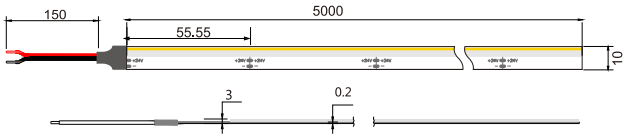
Applications:

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

Connections:



Dimension Drawings:



DC24V, 10mm Version Unit:mm

Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F0603X189SA-WW-24-COBSD	378 COB LED	CV Version	10W	24V	≥90	10mm	55.55mm	IP20 IP67	Warm White	2700K	450-500	F/G
QL-F0603X189SA-W-24-COBSD									Warm White	3000K	450-500	
QL-F0603X189SA-N-24-COBSD									NatureWhite	4000K	500-550	
QL-F0603X189SA-P-24-COBSD									Pure White	6500K	500-550	
QL-F0603X189SA-R-24-COBSD	378 COB LED	CV Version	10W	24V	≥90	10mm	55.55mm	IP20 IP67	Red	/	120-130	/
QL-F0603X189SA-G-24-COBSD									Green	/	400-450	
QL-F0603X189SA-B-24-COBSD									Blue	/	75-85	
QL-F0603X189SA-Y-24-COBSD									Yellow	/	450-500	
QL-F0603X189SA-PK-24-COBSD									Pink	/	450-500	

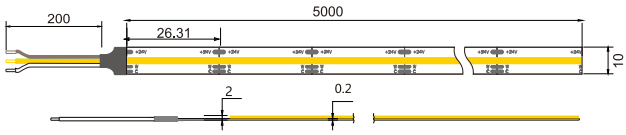
Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.
CC means Constant Current version, CV means Constant Voltage version.

COB Dual White Spot-Free LED Strips

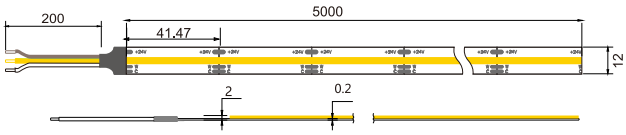
Features:

- LED: CRI≥90 COB LED
- Power: 14W/m,19W/m
- Voltage: DC24V
- Color: Dual White
- Waterproof: IP20,IP67
- Color Temperature is adjustable
- With Bounding Wall for 12mm version
- COB Version bring you spot-free feeling

Dimension Drawings:



DC24V, 10mm Version Unit:mm



DC24V, 12mm Version Unit:mm

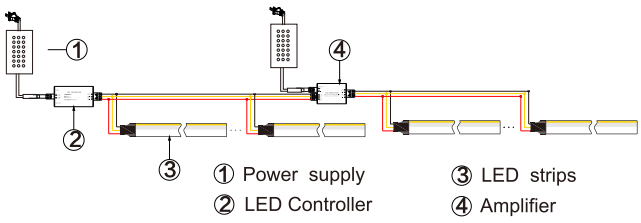
Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F0603A304SA-T-24-COBCES	608 COB LED	CV Version	14W	24V	≥90	10mm	26.31mm	IP20	Dual White	2700-6000K Adjustable	1100-1200
QL-F0603C304SA-T-24-COBCES	608 COB LED	CV Version	14W	24V	≥90	10mm	26.31mm	IP67	Dual White	2700-6000K Adjustable	1100-1200
QL-F0603A504SA-T-24-COB	1008 COB LED	CV Version	19W	24V	≥90	12mm	41.47mm	IP20	Dual White	2700-6000K Adjustable	1600-1800
QL-F0603C504SA-T-24-COB	1008 COB LED	CV Version	19W	24V	≥90	12mm	41.47mm	IP67	Dual White	2700-6000K Adjustable	1600-1800

Side View COB Dual White Spot-Free LED Strips

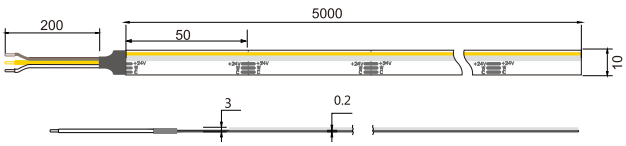
Features:

- LED: CRI≥90 COB LED
- Power: 12W/m
- Voltage: DC24V
- Color: Dual White
- Waterproof: IP20,IP67
- Color Temperature is adjustable
- Cutting length: 50mm
- COB Version bring you spot-free feeling

Connections:



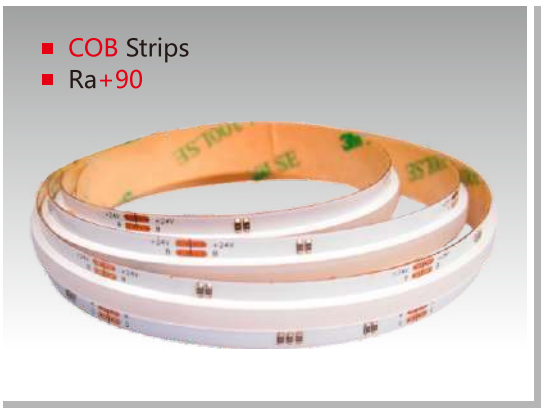
Dimension Drawings:



DC24V, 10mm Version Unit:mm

Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F0603A280TSA-H-24-COBSD	560 COB LED	CV Version	12W	24V	≥90	10mm	50mm	IP20	Dual White	2700-6000K Adjustable	580-620
QL-F0603C280TSA-H-24-COBSD	560 COB LED	CV Version	12W	24V	≥90	10mm	50mm	IP67	Dual White	2700-6000K Adjustable	580-620

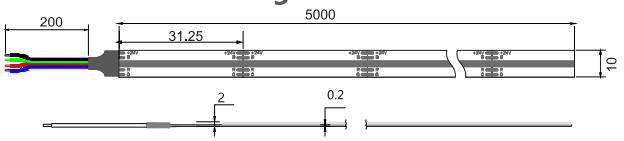
COB RGB Spot-Free LED Strips



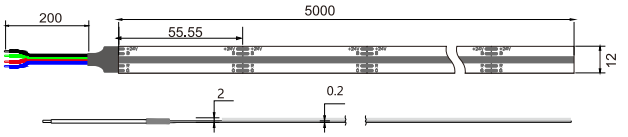
Features:

- LED: COB LED
- Power: 13W/m,15W/m
- Voltage: DC24V
- Color: RGB
- Waterproof: IP20, IP67
- With Bounding Wall
- COB Version bring you spot-free feeling

Dimension Drawings:



DC24V, 10mm Version Unit:mm



DC24V, 12mm Version Unit:mm

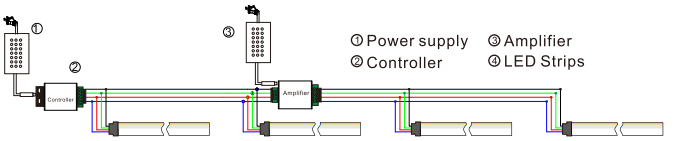
Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	PCB Width	Cutting (mm)	Water proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F0603A336-C-24-COBCES	672 COB LED	CV Version	13W	24V	10mm	31.25mm	IP20	RGB	620-630nm 520-525nm 460-465nm	300-350
QL-F0603C336-C-24-COBCES	672 COB LED	CV Version	13W	24V	10mm	31.25mm	IP67	RGB	620-630nm 520-525nm 460-465nm	300-350
QL-F0603A567SA-C-24-COB	1134 COB LED	CV Version	15W	24V	12mm	55.55mm	IP20	RGB	620-630nm 520-525nm 460-465nm	550-600
QL-F0603C567SA-C-24-COB	1134 COB LED	CV Version	15W	24V	12mm	55.55mm	IP67	RGB	620-630nm 520-525nm 460-465nm	550-600

Side View COB RGB Spot-Free LED Strips

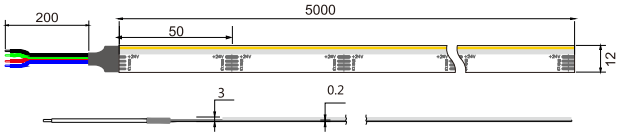
Features:

- LED: COB LED
- Power: 12W/m
- Voltage: DC24V
- Color: RGB
- Waterproof: IP20, IP67
- Cutting Length: 50mm
- COB Version bring you spot-free feeling

Connections:



Dimension Drawings:



DC24V, 12mm Version Unit:mm

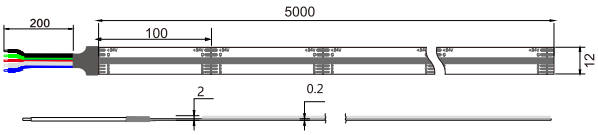
Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	PCB Width	Cutting (mm)	Water proof	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F0603A420-C-24-COBSD	840 COB LED	CV Version	12W	24V	12mm	50mm	IP20	RGB	620-630nm 520-525nm 460-465nm	240-260
QL-F0603C420-C-24-COBSD	840 COB LED	CV Version	12W	24V	12mm	50mm	IP67	RGB	620-630nm 520-525nm 460-465nm	240-260

COB RGBW Spot-Free LED Strips

Features:

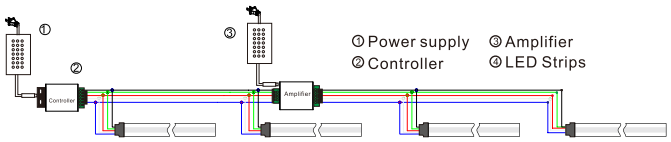
- LED: COB LED
- Power: 14W/m
- Voltage: DC24V
- Color: RGB Warm White, RGB Nature White, RGB Pure White
- Waterproof: IP20, IP67
- With Bounding Wall
- COB Version bring you spot-free feeling

Dimension Drawings:



DC24V, 12mm Version Unit:mm

Connections:



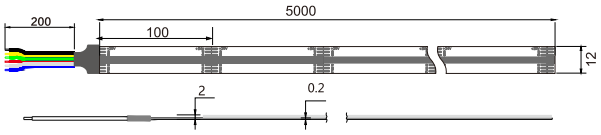
Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	PCB Width	Cutting (mm)	Water proof	Color	Lumen (lm/m)
QL-F0603A280-CWW-24-COB	560 COB LED	CV Version	14W	24V	12mm	100mm	IP20	RGB+2700K	650-700
QL-F0603A280-CW-24-COB								RGB+3000K	650-700
QL-F0603A280-CN-24-COB								RGB+4000K	700-750
QL-F0603A280-CP-24-COB								RGB+6000K	700-750
QL-F0603C280-CWW-24-COB	560 COB LED	CV Version	14W	24V	12mm	100mm	IP67	RGB+2700K	650-700
QL-F0603C280-CW-24-COB								RGB+3000K	650-700
QL-F0603C280-CN-24-COB								RGB+4000K	700-750
QL-F0603C280-CP-24-COB								RGB+6000K	700-750

COB WRGBW Spot-Free LED Strips

Features:

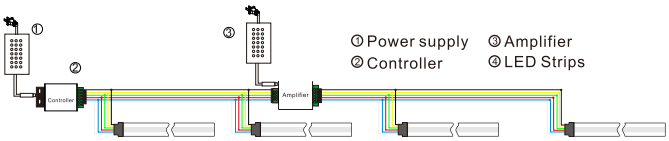
- LED: COB LED
- Power: 17.5W/m
- Voltage: DC24V
- Color: RGB Dual White (2700K+RGB+6000K)
- Waterproof: IP20, IP67
- With Bounding Wall
- COB Version bring you spot-free feeling

Dimension Drawings:



DC24V, 12mm Version Unit:mm

Connections:



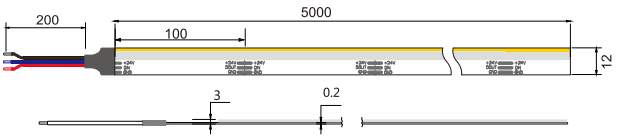
Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	PCB Width	Cutting (mm)	Water proof	Color	Lumen (lm/m)
QL-F0603A350-WCP-24-COB	700 COB LED	CV Version	17.5W	24V	12mm	100mm	IP20	2700K+RGB+6000K	900-1000
QL-F0603C350-WCP-24-COB	700 COB LED	CV Version	17.5W	24V	12mm	100mm	IP67	2700K+RGB+6000K	900-1000

Side View COB RGB Digital Spot-Free LED Strips

Features:

- LED: COB LED
- Power: 15W/m
- Voltage: DC24V
- Color: RGB Digital (SPI / WS2811)10 Pixel /m
- Waterproof: IP20, IP67
- Side View Version
- COB Version bring you spot-free feeling

Dimension Drawings:



DC24V, 10mm Version Unit:mm

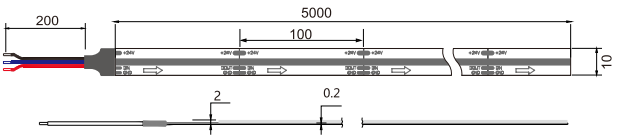
Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	PCB Width	Cutting (mm)	Water proof	Color	Lumen (lm/m)
QL-F0603A420-D-24-COBSD	840 COB LED	CV Version	15W	24V	10mm	100mm	IP20	RGB Digital (SPI / WS2811) 10 Pixel /m	270-290
QL-F0603C420-D-24-COBSD	840 COB LED	CV Version	15W	24V	10mm	100mm	IP67	RGB Digital (SPI / WS2811) 10 Pixel /m	270-290

Top View COB RGB Digital Spot-Free LED Strips

Features:

- LED: COB LED
- Power: 15W/m
- Voltage: DC24V
- Color: RGB Digital (SPI / WS2811)10 Pixel /m
- Waterproof: IP20, IP67
- 170 degree top view version
- COB Version bring you spot-free feeling

Dimension Drawings:



DC24V, 10mm Version Unit:mm

Model No.	LED Type	CC/CV	Power (W/m)	Voltage (DC)	PCB Width	Cutting (mm)	Water proof	Color	Lumen (lm/m)
QL-F0603A210-D-24-COBSD	420 COB LED	CV Version	15W	24V	10mm	100mm	IP20	RGB Digital (SPI / WS2811) 10 Pixel /m	480-520
QL-F0603C210-D-24-COBSD	420 COB LED	CV Version	15W	24V	10mm	100mm	IP67	RGB Digital (SPI / WS2811) 10 Pixel /m	480-520

200lm/W

High Efficiency

High efficiency strip will ensure the best use

led inis

lighting solutions

200lm/W high efficiency strips make full use of the power, leave the least power for heat and ensure the most reliable life span. It is worth your choice

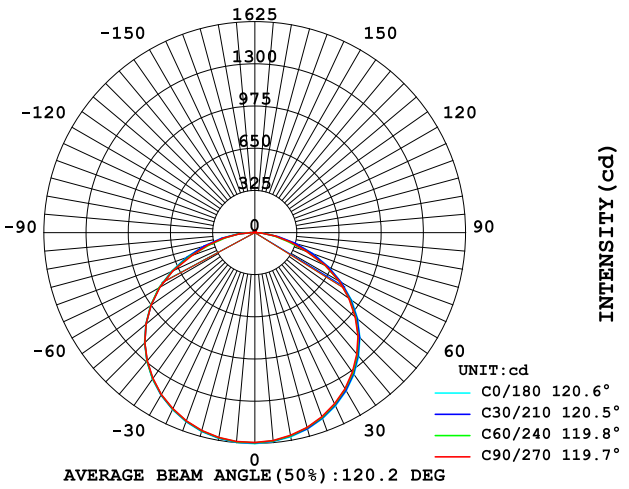
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: QL20200106-1

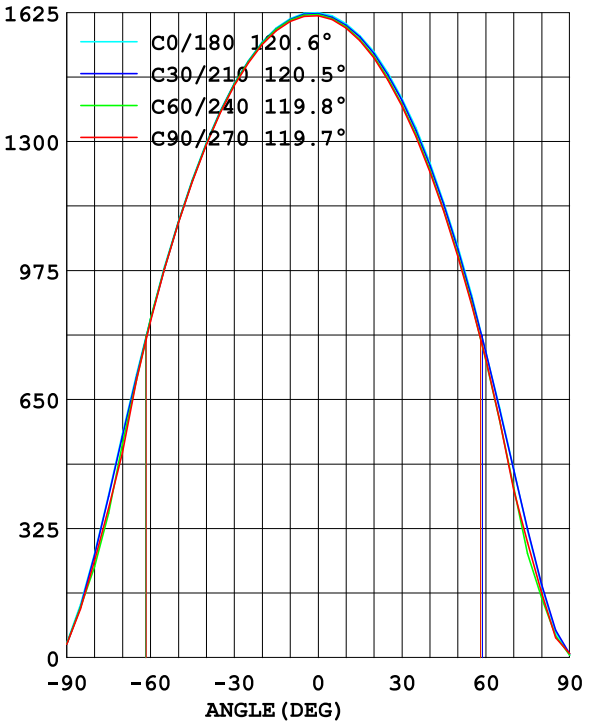
MANUFACTURER: QL LIGHT		
Address: 5F, BLDG A, Huilongda Ind. Zone, Shilongzai, Shiyan Town, Baoan Dist., Shenzhen, Guangdong, China		
NAME: QL-F5050A72-N-24C-HE	TYPE: LED strip	WEIGHT:
SPECIFICATION: 5050 200lm/w	DIMENSION: 1000mm x 15mm	SERIAL No.: 01

DATA OF LAMP		Imax(cd)	1625	S/MH(C0/180)	1.32
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.32
NOMINAL POWER(W)	25	TOTAL FLUX(lm)	5072.7	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	200.5	Current(A)	1.054
NOMINAL FLUX(lm)	5072.7	η up(%)	1.6	Power(W)	25.29
LAMPS QUANTITY	1	η down(%)	98.4	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effictive Flux(lm)	4927.9	EEI	0.070

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:21DEG
Operators:RD
Test Date:01-06-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.000 m
Remarks: 200lm/w

200lm/W SMD5050 LED Strip

EcoDesign

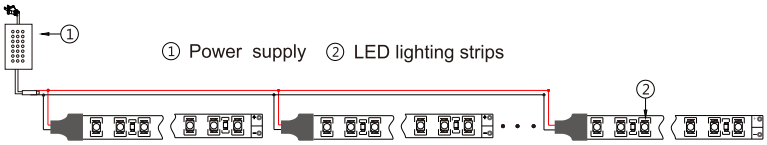
Features:

- Light Efficiency: 200lm/W
- LED: SMD5050
- Constant Current Version
- LED Qty: 144LED/m, 64LED/m
- Power: 25W/m, 11.5W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

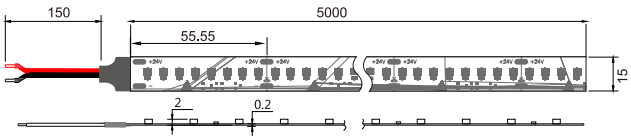
Applications:

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

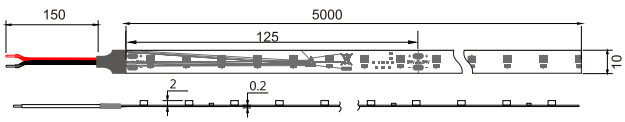
Connections:



Dimension Drawings:



144LED/m Version Unit:mm



64LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Light Efficiency	Energy efficiency class
QL-F5050X72-WW-24C-HE	SMD5050	CC Version	144	25W	24V	≥80	15mm	55.55mm 8LED	IP20/IP67	Warm White	2700K	4500-4700	200lm/W	B/C
QL-F5050X72-W-24C-HE										Warm White	3000K	4700-4900		
QL-F5050X72-N-24C-HE										NatureWhite	4000K	4900-5100		
QL-F5050X72-P-24C-HE										Pure White	6000K	4900-5100		
QL-F5050X32-WW-24C-HE	SMD5050	CC Version	64	11.5W	24V	≥80	10mm	125mm 8LED	IP20/IP67	Warm White	2700K	2000-2100	200lm/W	B/C
QL-F5050X32-W-24C-HE										Warm White	3000K	2100-2200		
QL-F5050X32-N-24C-HE										NatureWhite	4000K	2200-2300		
QL-F5050X32-P-24C-HE										Pure White	6000K	2200-2300		

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.

180lm/W SMD2835 LED Strip

EcoDesign

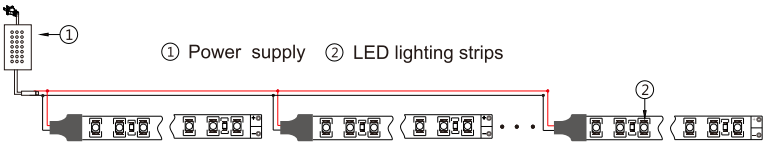
Features:

- 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
- Comply with the European ErP EcoDesign regulation.

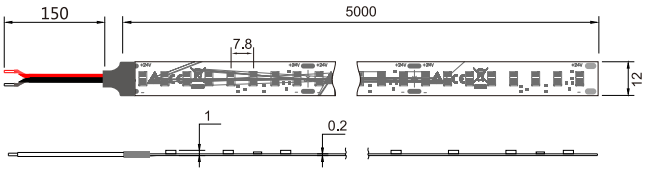
Applications:

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

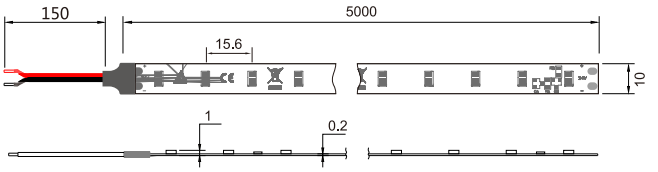
Connections:



Dimension Drawings:



128LED/m CC Strips Unit:mm



64LED/m CC Strips Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Light Efficiency	Energy efficiency class
QL-F2835X64-WW-24C-HE	SMD2835	CC Version	128	22W	24V	≥80	12mm	62.5mm 8LED	IP20 IP67	Warm White	2700K	3600-3800	180lm/W	C/D
QL-F2835X64-W-24C-HE										Warm White	3000K	3800-4000		
QL-F2835X64-WN-24C-HE										Warm White	3500K	3800-4000		
QL-F2835X64-N-24C-HE										NatureWhite	4000K	4000-4200		
QL-F2835X64-NP-24C-HE										NatureWhite	5000K	4000-4200		
QL-F2835X64-P-24C-HE										Pure White	6000K	4000-4200		
QL-F2835X64-WW-24-HE	SMD2835	CV Version	128	22W	24V	≥80	10mm	62.5mm 8LED	IP20 IP67	Warm White	2700K	3600-3800	180lm/W	C/D
QL-F2835X64-W-24-HE										Warm White	3000K	3800-4000		
QL-F2835X64-WN-24-HE										Warm White	3500K	3800-4000		
QL-F2835X64-N-24-HE										NatureWhite	4000K	4000-4200		
QL-F2835X64-NP-24-HE										NatureWhite	5000K	4000-4200		
QL-F2835X64-P-24-HE										Pure White	6000K	4000-4200		
QL-F2835X32-WW-24C-HE	SMD2835	CC Version	64	11.5W	24V	≥80	10mm	125mm 8LED	IP20 IP67	Warm White	2700K	1800-1900	180lm/W	C/D
QL-F2835X32-W-24C-HE										Warm White	3000K	1900-2000		
QL-F2835X32-WN-24C-HE										Warm White	3500K	1900-2000		
QL-F2835X32-N-24C-HE										NatureWhite	4000K	2000-2100		
QL-F2835X32-NP-24C-HE										NatureWhite	5000K	2000-2100		
QL-F2835X32-P-24C-HE										Pure White	6000K	2000-2100		

150lm/W SMD2835 LED Strip

EcoDesign

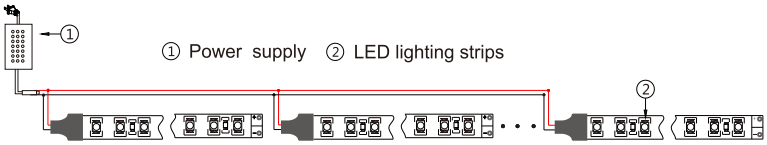
Features:

- Light Efficiency: 150lm/W
- LED: CRI≥90 SMD2835
- Constant Current Version
- LED Qty: 224LED/m, 128LED/m, 64LED/m
- Power: 13W/m, 7.5W/m, 3.7W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- With two chips inside
- Comply with the European ErP EcoDesign regulation.

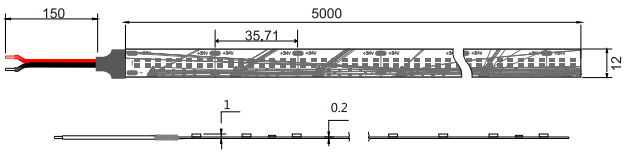
Applications:

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

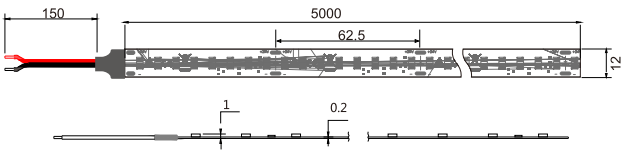
Connections:



Dimension Drawings:



224LED/m Version Unit:mm



128LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Light Efficiency	Energy efficiency class
QL-F2835X112SA-WW-24C-HE	SMD2835	CC Version	224	13W	24V	≥90	12mm	35.71mm 8LED	IP20 IP67	Warm White	2700K	1700-1800	150lm/W	D/E
QL-F2835X112SA-W-24C-HE										Warm White	3000K	1800-1900		
QL-F2835X112SA-N-24C-HE										NatureWhite	4000K	1900-2000		
QL-F2835X112SA-P-24C-HE										Pure White	6500K	1900-2000		
QL-F2835X64SA-WW-24C-HE	SMD2835	CC Version	128	7.5W	24V	≥90	12mm	62.5mm 8LED	IP20 IP67	Warm White	2700K	1000-1050	150lm/W	D/E
QL-F2835X64SA-W-24C-HE										Warm White	3000K	1050-1100		
QL-F2835X64SA-N-24C-HE										NatureWhite	4000K	1100-1150		
QL-F2835X64SA-P-24C-HE										Pure White	6500K	1100-1150		
QL-F2835X32SA-WW-24C-HE	SMD2835	CC Version	64	3.7W	24V	≥90	10mm	125mm 8LED	IP20 IP67	Warm White	2700K	470-500	150lm/W	D/E
QL-F2835X32SA-W-24C-HE										Warm White	3000K	500-530		
QL-F2835X32SA-N-24C-HE										NatureWhite	4000K	530-560		
QL-F2835X32SA-P-24C-HE										Pure White	6500K	530-560		

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.

150lm/W SMD3528 LED Strip

EcoDesign

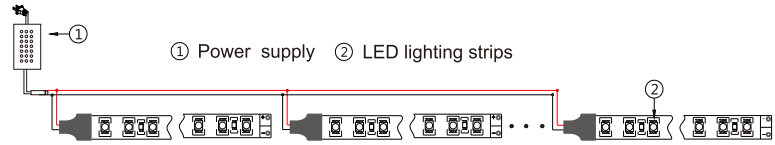
Features:

- Light Efficiency: 150lm/W
- LED: SMD3528
- Constant Current Version
- LED Qty: 224LED/m, 144LED/m, 96LED/m
- Power: 13W/m, 8.5W/m, 5.5W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- With two chips inside
- Comply with the European ErP EcoDesign regulation.

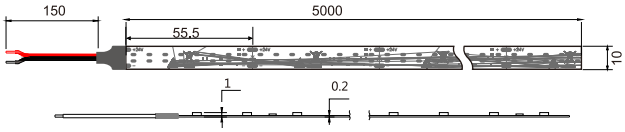
Applications:

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

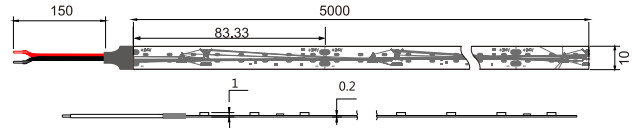
Connections:



Dimension Drawings:



144LED/m Version Unit:mm



96LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Light Efficiency	Energy efficiency class
QL-F3528X112-WW-24C-HECES	SMD3528	CC Version	224	13W	24V	≥80	12mm	35.71mm 8LED	IP20 IP67	Warm White	2700K	1800-1850	150lm/W	D/E
QL-F3528X112-W-24C-HECES										Warm White	3000K	1850-1900		
QL-F3528X112-N-24C-HECES										NatureWhite	4000K	1900-2000		
QL-F3528X112-P-24C-HECES										Pure White	6000K	1900-2000		
QL-F3528X72-WW-24C-HECES	SMD3528	CC Version	144	8.5W	24V	≥80	10mm	55.55mm 8LED	IP20 IP67	Warm White	2700K	1150-1200	150lm/W	D/E
QL-F3528X72-W-24C-HECES										Warm White	3000K	1200-1250		
QL-F3528X72-N-24C-HECES										NatureWhite	4000K	1250-1300		
QL-F3528X72-P-24C-HECES										Pure White	6000K	1250-1300		
QL-F3528X48-WW-24C-HECES	SMD3528	CC Version	96	5.5W	24V	≥80	10mm	83.33mm 8LED	IP20 IP67	Warm White	2700K	760-790	150lm/W	D/E
QL-F3528X48-W-24C-HECES										Warm White	3000K	790-820		
QL-F3528X48-N-24C-HECES										NatureWhite	4000K	820-850		
QL-F3528X48-P-24C-HECES										Pure White	6000K	820-850		

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.

150lm/W Samsung SMD5630 LED Strips

EcoDesign

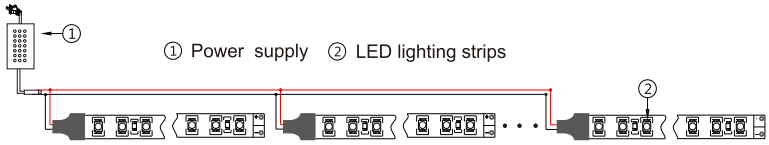
Features:

- Light Efficiency: 150lm/W, 130lm/m
- LED: Samsung SMD5630
- Constant Current Version, Constant Voltage Version
- LED Qty: 128LED/m,126LED/m, 70LED/m, 64LED/m, 32LED/m
- Power: 22W/m, 15W/m,11.5W/m, 5.7W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

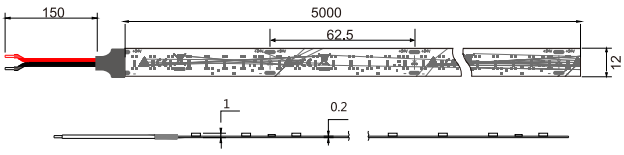
Applications:

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

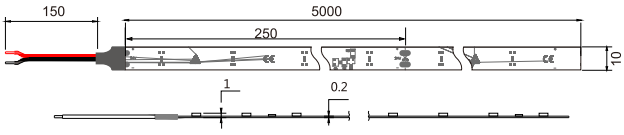
Connections:



Dimension Drawings:



128LED/m Version Unit:mm



32LED/m Version

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Light Efficiency	Energy efficiency class
QL-F5630X64-WW-24C-HE	SMD5630	CC Version	128	22W	24V	≥80	12mm	62.5mm 8LED	IP20 IP67	Warm White	2700K	3200-3300	150lm/W	D/E
QL-F5630X64-W-24C-HE										Warm White	3000K	3300-3400		
QL-F5630X64-N-24C-HE										NatureWhite	4000K	3400-3500		
QL-F5630X64-P-24C-HE										Pure White	6000K	3400-3500		
QL-F5630X32-WW-24C-HE	SMD5630	CC Version	64	11.5W	24V	≥80	10mm	125mm 8LED	IP20 IP67	Warm White	2700K	1650-1700	150lm/W	D/E
QL-F5630X32-W-24C-HE										Warm White	3000K	1700-1750		
QL-F5630X32-N-24C-HE										NatureWhite	4000K	1750-1850		
QL-F5630X32-P-24C-HE										Pure White	6000K	1750-1850		
QL-F5630X16-WW-24C-HE	SMD5630	CC Version	32	5.7W	24V	≥80	10mm	250mm 8LED	IP20 IP67	Warm White	2700K	820-850	150lm/W	D/E
QL-F5630X16-W-24C-HE										Warm White	3000K	850-880		
QL-F5630X16-N-24C-HE										NatureWhite	4000K	880-920		
QL-F5630X16-P-24C-HE										Pure White	6000K	880-920		
QL-F5630X63-WW-24C-SG2	SMD5630	CC Version	126	22W	24V	≥80	12mm	55.5mm 7LED	IP20 IP67	Warm White	2700K	2900-3000	130lm/W	E/F
QL-F5630X63-W-24C-SG2										Warm White	3000K	3000-3100		
QL-F5630X63-N-24C-SG2										NatureWhite	4000K	3100-3200		
QL-F5630X63-P-24C-SG2										Pure White	6000K	3100-3200		
QL-F5630X35-WW-24C-SG2	SMD5630	CC Version	70	15W	24V	≥80	10mm	100mm 7LED	IP20 IP67	Warm White	2700K	1900-1950	130lm/W	E/F
QL-F5630X35-W-24C-SG2										Warm White	3000K	1950-2000		
QL-F5630X35-N-24C-SG2										NatureWhite	4000K	2000-2100		
QL-F5630X35-P-24C-SG2										Pure White	6000K	2000-2100		

1-Step

MacAdam Ellipse

1-Step MacAdam Ellipse ensure you perfect color uniform

1-Step MacAdam Ellipse LED strip will bring you perfect color uniform.
You won't be worried to see different color from differnt batch of strips.

led inis

lighting solutions

1-Step CRI≥90 SMD2835 LED Flexible Strips

- 1-Step
- Ra+90
- CC/CV Version

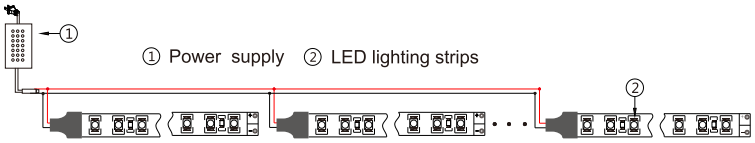
Specifications:

- LED: 1-Step CRI≥90 SMD2835 with two chips
- 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

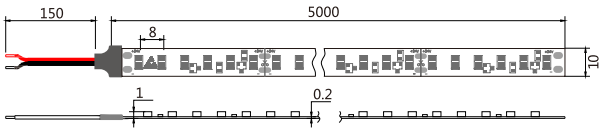
Applications:

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

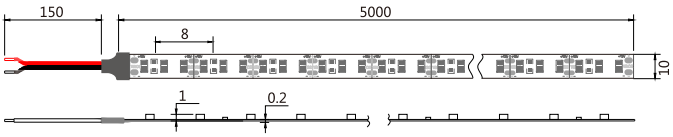
Connections:



Dimension Drawings:



120LED/m CC Strips Unit:mm



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-OS	SMD2835	CC Version	120	19.2W	24V	≥ 90	10mm	IP20	Warm White	2700/3000K	1700-1750
QL-F2835A60SA-N-24C-OS									Nature White	4000-4500K	1750-1800
QL-F2835A60SA-P-24C-OS									Pure White	6000-6500K	1800-1850
QL-F2835X30SA-W-24C-OS	SMD2835	CC Version	60	14.4W	24V	≥ 90	10mm	IP20 IP67	Warm White	2700/3000K	1000-1100
QL-F2835X30SA-N-24C-OS									Nature White	4000-4500K	1100-1200
QL-F2835X30SA-P-24C-OS									Pure White	6000-6500K	1200-1300
QL-F2835A60SA-W-12/24-OS	SMD2835	CV Version	120	19.2W	12V/24V	≥ 90	10mm	IP20	Warm White	2700/3000K	1700-1750
QL-F2835A60SA-N-12/24-OS									Nature White	4000-4500K	1750-1800
QL-F2835A60SA-P-12/24-OS									Pure White	6000-6500K	1800-1850
QL-F2835X30SA-W-12/24-OS	SMD2835	CV Version	60	14.4W	12V/24V	≥ 90	10mm	IP20 IP67	Warm White	2700/3000K	1000-1100
QL-F2835X30SA-N-12/24-OS									Nature White	4000-4500K	1100-1200
QL-F2835X30SA-P-12/24-OS									Pure White	6000-6500K	1200-1300

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

1-Step CRI≥90 SMD3528 LED Strips

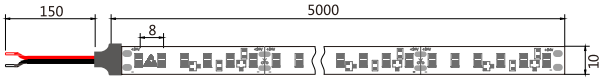
Features:

- LED: 1-Step 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

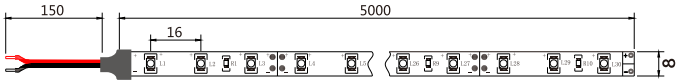
Connections:

① Power supply ② LED lighting strips

Dimension Drawings:



120LED/m CC Strips Unit:mm



60LED/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-F3528X114SAL-W-24C-OS	SMD3528	CC Version	228	18W	24V	≥90	12mm	IP20	Warm White	2700/3000K	1400-1500
QL-F3528X114SAL-N-24C-OS									Nature White	4000-4500K	1500-1600
QL-F3528X114SAL-P-24C-OS									Pure White	6000-6500K	1600-1700
QL-F3528X60SAL-W-24C-OS	SMD3528	CC Version	120	9.6W	24V	≥90	10mm	IP20-IP68	Warm White	2700/3000K	750-820
QL-F3528X60SAL-N-24C-OS									Nature White	4000-4500K	820-850
QL-F3528X60SAL-P-24C-OS									Pure White	6000-6500K	850-900
QL-F3528X30SAL-W-24C-OS	SMD3528	CC Version	60	4.8W	24V	≥90	10mm	IP20-IP68	Warm White	2700/3000K	380-400
QL-F3528X30SAL-N-24C-OS									Nature White	4000-4500K	400-420
QL-F3528X30SAL-P-24C-OS									Pure White	6000-6500K	420-450
QL-F3528A120SAL-W-24-S1OS	SMD3528	CV Version	240	19.2W	24V	≥90	10mm	IP20	Warm White	2700/3000K	1700-1800
QL-F3528A120SAL-N-24-S1OS									Nature White	4000-4500K	1800-1900
QL-F3528A120SAL-P-24-S1OS									Pure White	6000-6500K	1900-2000
QL-F3528A90SAL-W-24-OS	SMD3528	CV Version	180	14.4W	24V	≥90	10mm	IP20	Warm White	2700/3000K	1000-1100
QL-F3528A90SAL-N-24-OS									Nature White	4000-4500K	1100-1200
QL-F3528A90SAL-P-24-OS									Pure White	6000-6500K	1200-1300
QL-F3528X60SAL-W-12/24-OS	SMD3528	CV Version	120	9.6W	12V/24V	≥90	10mm	IP20-IP68	Warm White	2700/3000K	750-820
QL-F3528X60SAL-N-12/24-OS									Nature White	4000-4500K	820-850
QL-F3528X60SAL-P-12/24-OS									Pure White	6000-6500K	850-900
QL-F3528X39SAL-W-12/24-OS	SMD3528	CV Version	78	6.3W	12V/24V	≥90	8mm	IP20-IP68	Warm White	2700/3000K	480-520
QL-F3528X39SAL-N-12/24-OS									Nature White	4000-4500K	520-550
QL-F3528X39SAL-P-12/24-OS									Pure White	6000-6500K	550-580
QL-F3528X30SAL-W-12/24-OS	SMD3528	CV Version	60	4.8W	12V/24V	≥90	8mm	IP20-IP68	Warm White	2700/3000K	380-400
QL-F3528X30SAL-N-12/24-OS									Nature White	4000-4500K	400-420
QL-F3528X30SAL-P-12/24-OS									Pure White	6000-6500K	420-450

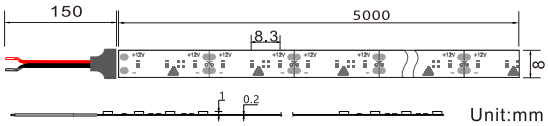
Remark: X stands for waterproof version, A stands for IP20 version, B and S stands for IP54 version, C stands for IP67 version and D stands for IP68 version
CC means Constant Current version, CV means Constant Voltage version.

1-Step CRI≥90 SMD2216 LED Strips

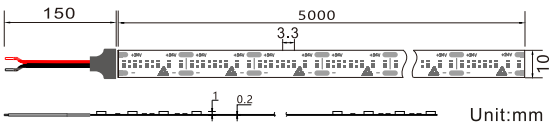
Features:

- LED: 1-Step CRI≥90 SMD2216
- Constant Voltage and Constant Current Version
- LED Qty: 480LED/m, 300LED/m, 240LED/m, 180LED/m, 120LED/m, 60LED/m
- Power: 38.4W/m, 24W/m, 19.2W/m, 14.4W/m, 9.6W/m, 4.8W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Single-Line Cutting: 6LED for DC24V version, and 3LED for DC12V version

Dimension Drawings:



120LED/m Strips



300LED/m Strips

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-F2216X30SA-W-12/24-OS QL-F2216X30SA-N-12/24-OS QL-F2216X30SA-P-12/24-OS	SMD2216	CV Version	60	4.8W	12V/24V	≥90	8mm	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	340-360 370-390 400-420
QL-F2216X60SA-W-12/24-OS QL-F2216X60SA-N-12/24-OS QL-F2216X60SA-P-12/24-OS	SMD2216	CV Version	120	9.6W	12V/24V	≥90	8mm	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	680-720 740-780 800-840
QL-F2216X90SA-W-12/24-OS QL-F2216X90SA-N-12/24-OS QL-F2216X90SA-P-12/24-OS	SMD2216	CV Version	180	14.4W	12V/24V	≥90	8mm	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	1000-1100 1100-1200 1200-1300
QL-F2216X120SA-W-12/24-OS QL-F2216X120SA-N-12/24-OS QL-F2216X120SA-P-12/24-OS	SMD2216	CV Version	240	19.2W	12/24V	≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	1350-1450 1500-1600 1600-1700
QL-F2216X150SA-W-12/24-OS QL-F2216X150SA-N-12/24-OS QL-F2216X150SA-P-12/24-OS	SMD2216	CV Version	300	24W	12/24V	≥90	10mm	IP20	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	1700-1800 1850-1950 2000-2100
QL-F2216X240SA-W-24-OS QL-F2216X240SA-N-24-OS QL-F2216X240SA-P-24-OS	SMD2216 Two-Row	CV Version	480	38.4W	24V	≥90	15mm	IP20	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	2700-2800 2900-3000 3200-3400
QL-F2216X30SA-W-12/24-4OS QL-F2216X30SA-N-12/24-4OS QL-F2216X30SA-P-12/24-4OS	SMD2216	CV Version	60	4.8W	12V/24V	≥90	4mm	IP20	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	340-360 370-390 400-420
QL-F2216X60SA-W-12/24-4OS QL-F2216X60SA-N-12/24-4OS QL-F2216X60SA-P-12/24-4OS	SMD2216	CV Version	120	9.6W	12V/24V	≥90	4mm	IP20	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	680-720 740-780 800-840
QL-F2216X90SA-W-12/24-4OS QL-F2216X90SA-N-12/24-4OS QL-F2216X90SA-P-12/24-4OS	SMD2216	CV Version	180	14.4W	12V/24V	≥90	4mm	IP20	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	1000-1100 1100-1200 1200-1300
QL-F2216X30SA-W-24C-OS QL-F2216X30SA-N-24C-OS QL-F2216X30SA-P-24C-OS	SMD2216	With IC CC Version	60	4.8W	24V	≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	340-360 370-390 400-420
QL-F2216X60SA-W-24C-OS QL-F2216X60SA-N-24C-OS QL-F2216X60SA-P-24C-OS	SMD2216	With IC CC Version	120	9.6W	24V	≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 4000/5000K 6000-6500K	680-720 740-780 800-840
QL-F2216X120TSA-H-12/24-OS	SMD2216	CV Version	240	19.2W	12V/24V	≥90	10mm	IP20 IP67	Dual White	2500-6000K	1500-1600
QL-F2216X240TSA-H-12/24-OS	SMD2216 Two-Row	CV Version	480	38.4W	12/24V	≥90	12mm	IP20	Dual White	2500-6000K	3000-3200

1-Step CRI≥90 SMD5050 LED Strips

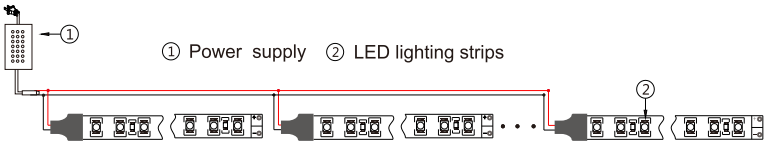
Features:

- LED: 1-Step CRI≥90 SMD5050 with two chips
- 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 Cutting for DC12V version

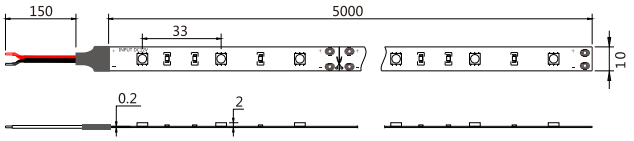
Applications:

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

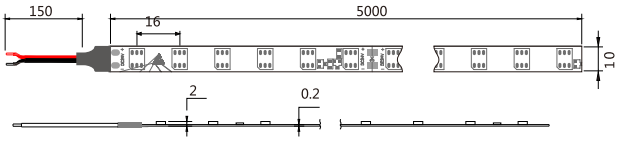
Connections:



Dimension Drawings:



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-OS QL-F5050X30SA-N-24C-OS QL-F5050X30SA-P-24C-OS	SMD5050	CC Version	60	14.4W	24V	≥90	10mm	IP20 IP54 IP67 IP68	Warm White Nature White Pure White	2700/3000K 4000-4500K 6000-6500K	900-1000 1000-1100 1100-1200
QL-F5050X30SA-W-12/24-OS QL-F5050X30SA-N-12/24-OS QL-F5050X30SA-P-12/24-OS	SMD5050	CV Version	60	14.4W	12V/24V	≥90	10mm	IP20 IP54 IP67 IP68	Warm White Nature White Pure White	2700/3000K 4000-4500K 6000-6500K	900-1000 1000-1100 1100-1200
QL-F5050X15SA-W-12/24-OS QL-F5050X15SA-N-12/24-OS QL-F5050X15SA-P-12/24-OS	SMD5050	CV Version	30	7.2W	12V/24V	≥90	10mm	IP20 IP54 IP67 IP68	Warm White Nature White Pure White	2700/3000K 4000-4500K 6000-6500K	500-540 540-570 570-600

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.

Full Spectrum

High Color Rendering CRI95+

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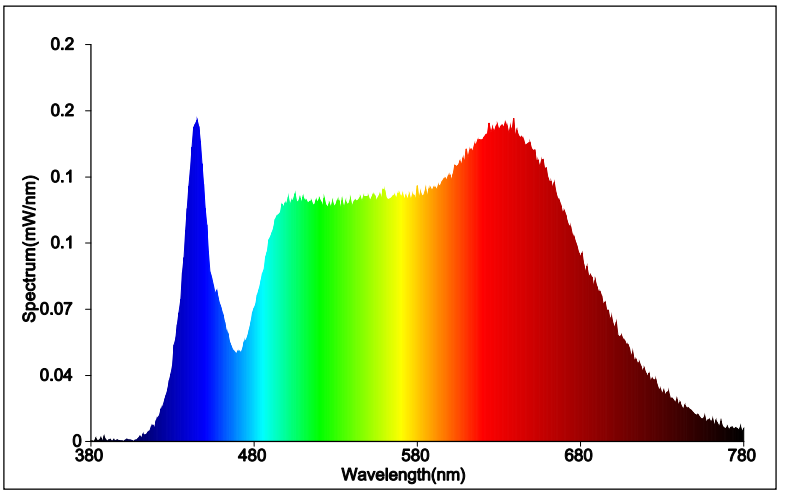
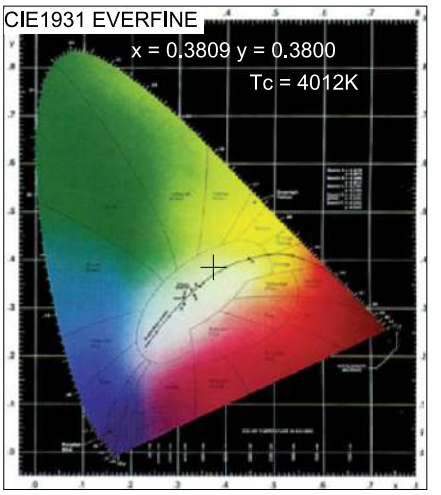
lighting solutions

EVERFINE LEDspec Test Report

Test Report of Full Spectrum Strips





Color Parameters:

Chromaticity Coordinate:x=0.3809 y=0.3800/u'=0.2241 v'=0.5031 duv=1.360e-003

Tc=4012K Dominant WL:Ld=578.3nm Purity=28.3%

Ratio:R=20.7% G=74.6% B=4.7% Peak WL:Lp=444.5nm HWL:18.1nm

Render Index:Ra=96.8 CRI=96.4

R1 =97.003 R2 =99.688 R3 =96.307 R4 =93.094 R5 =96.523 R6 =99.007 R7 =96.761

R8 =95.912 R9 =93.741 R10=99.225 R11=89.986 R12=96.106 R13=97.779 R14=97.694 R15=97.814

TM30 Parameters: Rf = 95.8, Rg:102.2

Photo Parameters:

Flux = 9.866 lm Eff. : 111.68 lm/W Fe = 36.16 mW

Electrical parameters:

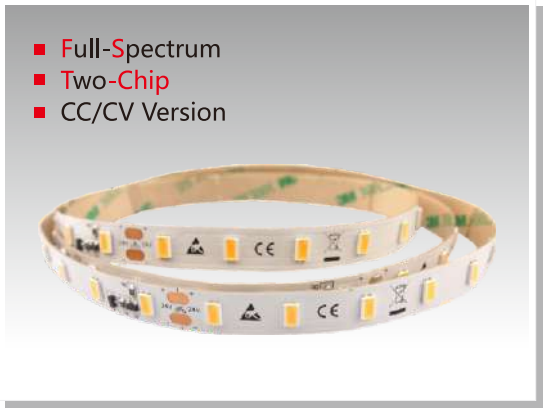
VF = 2.947 V IF = 29.97 mA P = 88.34 mW

IR = 0 uA (VR = 5.000 V)

LEVEL:New Class WHITE:NK2

Status: T=80.00ms Ip=2795 (4%) [HAAS2000_V3_USB] V2.00.275

Full-Spectrum SMD5630 LED Strips



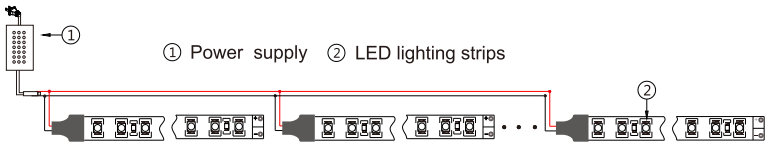
Features:

- LED: Full-Spectrum SMD5630 with Two Chips
- 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

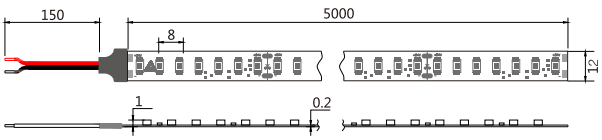
Applications:

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

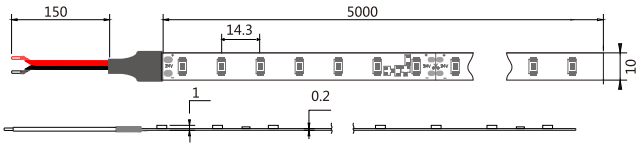
Connections:



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-F5630X63-W-24C-FS QL-F5630X63-N-24C-FS QL-F5630X63-P-24C-FS	SMD5630	CC Version	126	22W	24V	100lm/W	Full-Spectrum	12mm	IP20 IP67	WarmWhite NatureWhite Pure White	2700/3000K 4000-4500K 6000-6500K	1800-1900 2000-2100 2100-2200
QL-F5630X35-W-24C-FS QL-F5630X35-N-24C-FS QL-F5630X35-P-24C-FS	SMD5630	CC Version	70	15W	24V	100lm/W	Full-Spectrum	10mm	IP20 IP67	WarmWhite NatureWhite Pure White	2700/3000K 4000-4500K 6000-6500K	1350-1400 1450-1500 1500-1600
QL-F5630X30-W-12C-FS QL-F5630X30-N-12C-FS QL-F5630X30-P-12C-FS	SMD5630	CC Version	60	14.4W	12V	100lm/W	Full-Spectrum	10mm	IP20 IP67	WarmWhite NatureWhite Pure White	2700/3000K 4000-4500K 6000-6500K	1150-1200 1250-1300 1300-1400
QL-F5630X30-W-12/24-FS QL-F5630X30-N-12/24-FS QL-F5630X30-P-12/24-FS	SMD5630	CV Version	60	14.4W	12V/24V	100lm/W	Full-Spectrum	10mm	IP20 IP67	WarmWhite NatureWhite Pure White	2700/3000K 4000-4500K 6000-6500K	1150-1200 1250-1300 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.

Full-Spectrum SMD2835 LED Flexible Strips

Specifications:

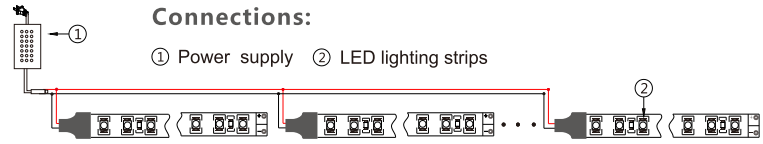
- LED: Full-Spectrum SMD2835 with two chips
- Constant current version and constant voltage version
- LED Quantity: 60LED/m, 120LED/m
- Power: 14.4W/m, 19.2W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 6LED cutting for DC24V version and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

Applications:

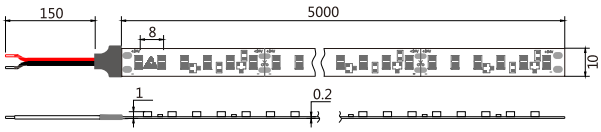
- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge edge lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

Connections:

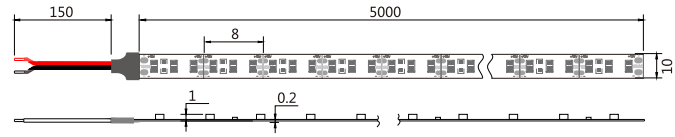
① Power supply ② LED lighting strips



Dimension Drawings:



120LED/m CC Strips Unit:mm

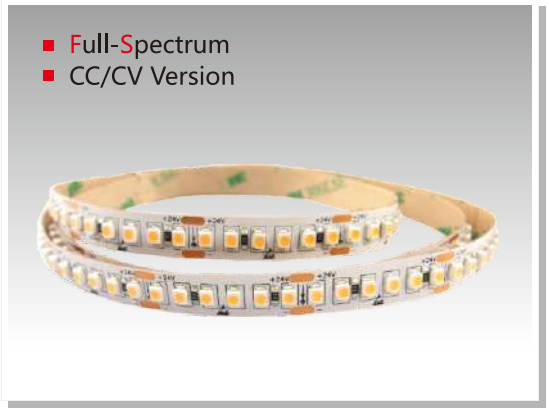


120LED/m CV Strips Unit:mm

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-F2835A60-W-24C-FS	SMD2835	CC Version	120	19.2W	24V	Full-Spectrum	10mm	IP20	Warm White	2700/3000K	1650-1700
QL-F2835A60-N-24C-FS									Nature White	4000-4500K	1700-1750
QL-F2835A60-P-24C-FS									Pure White	6000-6500K	1750-1800
QL-F2835X30-W-24C-FS	SMD2835	CC Version	60	14.4W	24V	Full-Spectrum	10mm	IP20 IP67	Warm White	2700/3000K	950-1000
QL-F2835X30-N-24C-FS									Nature White	4000-4500K	1000-1050
QL-F2835X30-P-24C-FS									Pure White	6000-6500K	1050-1100
QL-F2835A60-W-12/24-FS	SMD2835	CV Version	120	19.2W	12V/24V	Full-Spectrum	10mm	IP20	Warm White	2700/3000K	1650-1700
QL-F2835A60-N-12/24-FS									Nature White	4000-4500K	1700-1750
QL-F2835A60-P-12/24-FS									Pure White	6000-6500K	1750-1800
QL-F2835X30-W-12/24-FS	SMD2835	CV Version	60	14.4W	12V/24V	Full-Spectrum	10mm	IP20 IP67	Warm White	2700/3000K	950-1000
QL-F2835X30-N-12/24-FS									Nature White	4000-4500K	1000-1050
QL-F2835X30-P-12/24-FS									Pure White	6000-6500K	1050-1100

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

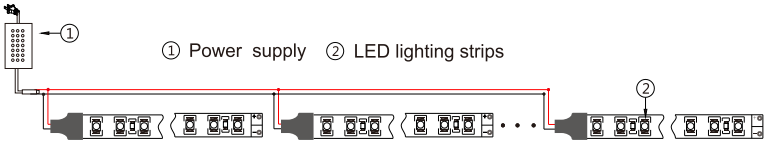
Full-Spectrum SMD3528 LED Strips



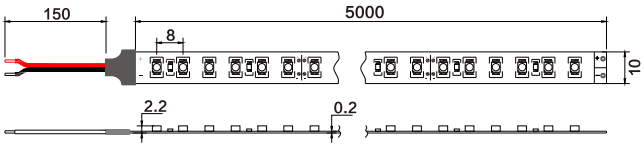
Features:

- LED: Full-Spectrum SMD3528 with Two Chips
- 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, 9.6W/m, 4.8W/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

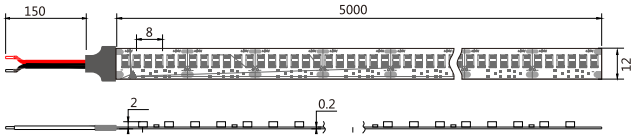
Connections:



Dimension Drawings:



120LED/m CV Strips Unit:mm



228LED/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-F3528X114-W-24C-FS	SMD3528	CC Version	228	18W	24V	Full-Spectrum	12mm	IP20 IP67	Warm White	2700/3000K	1300-1400
QL-F3528X114-N-24C-FS									Nature White	4000-4500K	1400-1500
QL-F3528X114-P-24C-FS									Pure White	6000-6500K	1500-1500
QL-F3528X60-W-24C-FS	SMD3528	CC Version	120	9.6W	24V	Full-Spectrum	10mm	IP20-IP68	Warm White	2700/3000K	680-700
QL-F3528X60-N-24C-FS									Nature White	4000-4500K	740-760
QL-F3528X60-P-24C-FS									Pure White	6000-6500K	790-820
QL-F3528X30-W-24C-FS	SMD3528	CC Version	60	4.8W	24V	Full-Spectrum	10mm	IP20-IP68	Warm White	2700/3000K	330-350
QL-F3528X30-N-24C-FS									Nature White	4000-4500K	360-380
QL-F3528X30-P-24C-FS									Pure White	6000-6500K	390-410
QL-F3528A120-W-24-S1FS	SMD3528	CV Version	240	19.2W	24V	Full-Spectrum	10mm	IP20 IP67	Warm White	2700/3000K	1600-1700
QL-F3528A120-N-24-S1FS									Nature White	4000-4500K	1700-1800
QL-F3528A120-P-24-S1FS									Pure White	6000-6500K	1800-1900
QL-F3528A90-W-24-FS	SMD3528	CV Version	180	14.4W	24V	Full-Spectrum	10mm	IP20 IP67	Warm White	2700/3000K	1000-1100
QL-F3528A90-N-24-FS									Nature White	4000-4500K	1100-1200
QL-F3528A90-P-24-FS									Pure White	6000-6500K	1200-1300
QL-F3528X60-W-12/24-FS	SMD3528	CV Version	120	9.6W	12V/24V	Full-Spectrum	10mm	IP20-IP68	Warm White	2700/3000K	680-700
QL-F3528X60-N-12/24-FS									Nature White	4000-4500K	740-760
QL-F3528X60-P-12/24-FS									Pure White	6000-6500K	790-820
QL-F3528X39-W-12/24-FS	SMD3528	CV Version	78	6.3W	12V/24V	Full-Spectrum	8mm	IP20-IP68	Warm White	2700/3000K	440-460
QL-F3528X39-N-12/24-FS									Nature White	4000-4500K	460-490
QL-F3528X39-P-12/24-FS									Pure White	6000-6500K	490-540
QL-F3528X30-W-12/24-FS	SMD3528	CV Version	60	4.8W	12V/24V	Full-Spectrum	8mm	IP20-IP68	Warm White	2700/3000K	330-350
QL-F3528X30-N-12/24-FS									Nature White	4000-4500K	360-380
QL-F3528X30-P-12/24-FS									Pure White	6000-6500K	390-410

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≥95 SMD5630 LED Strips

EcoDesign

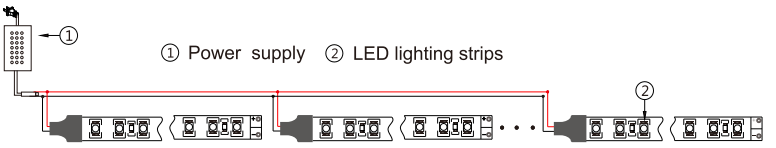
Features:

- 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
- Comply with the European ErP EcoDesign regulation.

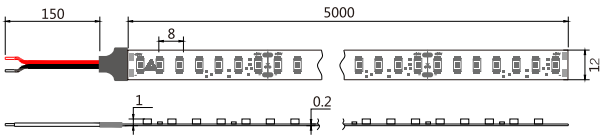
Applications:

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

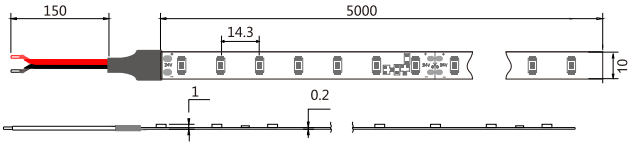
Connections:



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 (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F5630X63SA-WW-24C-95	SMD5630	CC Version	126	22W	24V	≥95	12mm	55.55mm 7LED	IP20 IP67	Warm White	2700K	1800-1900	F
QL-F5630X63SA-W-24C-95										Warm White	3000K	1800-1900	
QL-F5630X63SA-N-24C-95										NatureWhite	4000K	2000-2100	
QL-F5630X63SA-P-24C-95										Pure White	6000K	2100-2200	
QL-F5630X35SA-WW-24C-95	SMD5630	CC Version	70	15W	24V	≥95	10mm	100mm 7LED	IP20 IP67	Warm White	2700K	1350-1400	F
QL-F5630X35SA-W-24C-95										Warm White	3000K	1350-1400	
QL-F5630X35SA-N-24C-95										NatureWhite	4000K	1450-1500	
QL-F5630X35SA-P-24C-95										Pure White	6000K	1500-1550	
QL-F5630X30SA-WW-12C-95	SMD5630	CC Version	60	14.4W	12V	≥95	10mm	50mm 6LED	IP20 IP67	Warm White	2700K	1150-1200	/
QL-F5630X30SA-W-12C-95										Warm White	3000K	1150-1200	
QL-F5630X30SA-N-12C-95										NatureWhite	4000K	1250-1300	
QL-F5630X30SA-P-12C-95										Pure White	6000K	1300-1400	
QL-F5630X30SA-WW-24-95	SMD5630	CV Version	60	14.4W	24V	≥95	10mm	100mm 6LED	IP20 IP67	Warm White	2700K	1150-1200	/
QL-F5630X30SA-W-24-95										Warm White	3000K	1150-1200	
QL-F5630X30SA-W-24-95										NatureWhite	4000K	1250-1300	
QL-F5630X30SA-W-24-95										Pure White	6000K	1300-1400	

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 SMD5630 LED Strips

EcoDesign

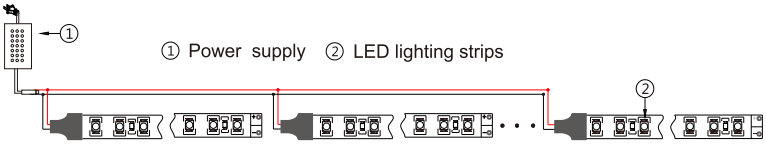
Features:

- LED: CRI≥90 SMD5630
- Constant Current Version, Constant Voltage Version
- LED Qty: 126LED/m, 70LED/m, 60LED/m
- Power: 22W/m, 15W/m,14.4W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

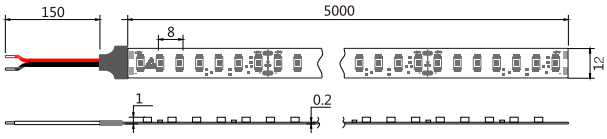
Applications:

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

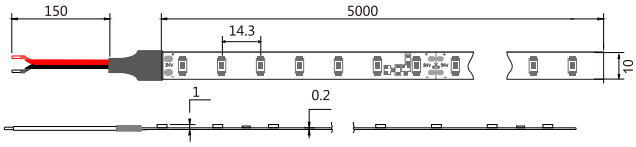
Connections:



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 (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F5630X63SA-WW-24C	SMD5630	CC Version	126	22W	24V	≥90	12mm	55.55mm 7LED	IP20 IP67	Warm White	2700K	1800-1900	F
QL-F5630X63SA-W-24C										Warm White	3000K	1800-1900	
QL-F5630X63SA-N-24C										NatureWhite	4000K	2000-2100	
QL-F5630X63SA-P-24C										Pure White	6000K	2100-2200	
QL-F5630X35SA-WW-24C	SMD5630	CC Version	70	15W	24V	≥90	10mm	100mm 7LED	IP20 IP67	Warm White	2700K	1350-1400	F
QL-F5630X35SA-W-24C										Warm White	3000K	1350-1400	
QL-F5630X35SA-N-24C										NatureWhite	4000K	1450-1500	
QL-F5630X35SA-P-24C										Pure White	6000K	1500-1550	
QL-F5630X30SA-WW-12C	SMD5630	CC Version	60	14.4W	12V	≥90	10mm	50mm 6LED	IP20 IP67	Warm White	2700K	1150-1200	/
QL-F5630X30SA-W-12C										Warm White	3000K	1150-1200	
QL-F5630X30SA-N-12C										NatureWhite	4000K	1250-1300	
QL-F5630X30SA-P-12C										Pure White	6000K	1300-1400	
QL-F5630X30SA-WW-24	SMD5630	CV Version	60	14.4W	24V	≥90	10mm	100mm 6LED	IP20 IP67	Warm White	2700K	1150-1200	/
QL-F5630X30SA-W-24										Warm White	3000K	1150-1200	
QL-F5630X30SA-W-24										NatureWhite	4000K	1250-1300	
QL-F5630X30SA-W-24										Pure White	6000K	1300-1400	

CRI≥95 SMD2835 LED Strips

EcoDesign

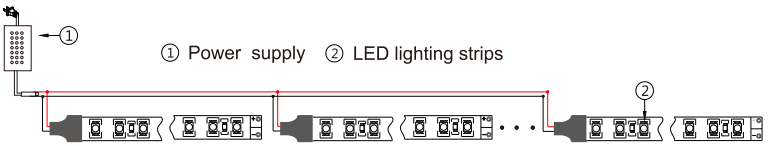
Features:

- LED: CRI≥95 SMD2835
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 140LED/m, 182LED/m, 238LED/m
- Power: 9.6W/m, 17W/m, 18.5W/m, 19.2W/m, 24W/m,
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

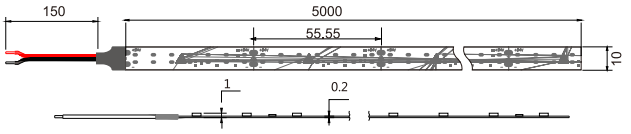
Applications:

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

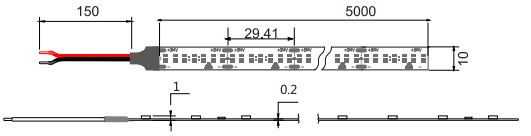
Connections:



Dimension Drawings:



126LED/m Version Unit:mm



238LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2835X35SA-WW-24-95	SMD2835	CV Version	70	9.6W	24V	≥95	8mm	100mm 7LED	IP20 IP67	Warm White	2700K	960-1010	F
QL-F2835X35SA-W-24-95										Warm White	3000K	1010-1080	
QL-F2835X35SA-N-24-95										NatureWhite	4000K	1080-1150	
QL-F2835X35SA-P-24-95										Pure White	6000K	1080-1150	
QL-F2835X70SA-W-24-95	SMD2835	CV Version	140	19.2W	24V	≥95	8mm	50mm 7LED	IP20 IP67	Warm White	2700K	2000-2100	F
QL-F2835X70SA-WW-24-95										Warm White	3000K	2100-2200	
QL-F2835X70SA-N-24-95										NatureWhite	4000K	2200-2300	
QL-F2835X70SA-P-24-95										Pure White	6000K	2200-2300	
QL-F2835X91SA-WW-24-95	SMD2835	CV Version	182	18.5W	24V	≥95	10mm	38.46mm 7LED	IP20 IP67	Warm White	2700K	1950-2050	F
QL-F2835X91SA-W-24-95										Warm White	3000K	2050-2150	
QL-F2835X91SA-N-24-95										NatureWhite	4000K	2150-2250	
QL-F2835X91SA-P-24-95										Pure White	6000K	2150-2250	
QL-F2835X119SA-WW-24-95	SMD2835	CV Version	238	24W	24V	≥95	10mm	29.41mm 7LED	IP20 IP67	Warm White	2700K	2650-2750	F
QL-F2835X119SA-W-24-95										Warm White	3000K	2750-2850	
QL-F2835X119SA-N-24-95										NatureWhite	4000K	2850-2950	
QL-F2835X119SA-P-24-95										Pure White	6000K	2850-2950	
QL-F2835X63SA-WW-24-95C	SMD2835	CC Version	126	17W	24V	≥95	10mm	55.55mm 7LED	IP20 IP67	Warm White	2700K	1750-1850	F
QL-F2835X63SA-W-24-95C										Warm White	3000K	1850-1950	
QL-F2835X63SA-N-24-95C										NatureWhite	4000K	1950-2050	
QL-F2835X63SA-P-24-95C										Pure White	6000K	1950-2050	

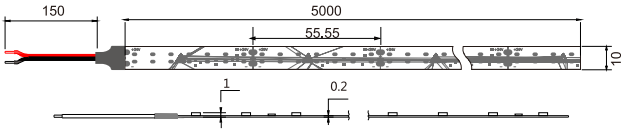
CRI≥90 SMD2835 LED Strips

EcoDesign

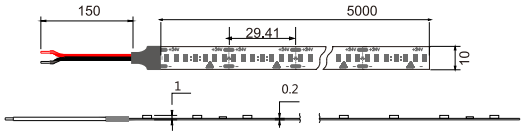
Features:

- LED: CRI≥90 SMD2835
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 128LED/m, 140LED/m,182LED/m, 238LED/m, 240LED/m, 256LED/m
- Power: 7.5W/m, 9.6W/m, 9.2W/m, 14W/m, 15W/m, 17W/m, 18.5W/m, 19.2W/m, 24W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Dimension Drawings:



126LED/m Version Unit:mm



238LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2835X35SA-WW-24	SMD2835	CV Version	70	9.6W	24V	≥90	8mm	100mm 7LED	IP20 IP67	Warm White	2700K	1000-1050	E/F
QL-F2835X35SA-W-24										Warm White	3000K	1050-1100	
QL-F2835X35SA-N-24										NatureWhite	4000K	1100-1150	
QL-F2835X35SA-P-24										Pure White	6500K	1100-1150	
QL-F2835X70SA-WW-24	SMD2835	CV Version	140	19.2W	24V	≥90	8mm	50mm 7LED	IP20 IP67	Warm White	2700K	2000-2100	E/F
QL-F2835X70SA-W-24										Warm White	3000K	2100-2200	
QL-F2835X70SA-N-24										NatureWhite	4000K	2200-2300	
QL-F2835X70SA-P-24										Pure White	6500K	2200-2300	
QL-F2835X91SA-WW-24	SMD2835	CV Version	182	18.5W	24V	≥90	10mm	38.46mm 7LED	IP20 IP67	Warm White	2700K	1950-2050	E/F
QL-F2835X91SA-W-24										Warm White	3000K	2050-2150	
QL-F2835X91SA-N-24										NatureWhite	4000K	2150-2250	
QL-F2835X91SA-P-24										Pure White	6500K	2150-2250	
QL-F2835X119SA-WW-24	SMD2835	CV Version	238	24W	24V	≥90	10mm	29.41mm 7LED	IP20 IP67	Warm White	2700K	2600-2750	E/F
QL-F2835X119SA-W-24										Warm White	3000K	2700-2850	
QL-F2835X119SA-N-24										NatureWhite	4000K	2800-2950	
QL-F2835X119SA-P-24										Pure White	6500K	2800-2950	
QL-F2835X64SA-WW-24	SMD2835	CV Version	128	7.5W	24V	≥90	10mm	62.5mm 8LED	IP20 IP67	Warm White	2700K	1000-1050	D/E
QL-F2835X64SA-W-24										Warm White	3000K	1050-1100	
QL-F2835X64SA-N-24										NatureWhite	4000K	1100-1150	
QL-F2835X64SA-P-24										Pure White	6500K	1100-1150	
QL-F2835X120SA-WW-24	SMD2835	CV Version	240	14W	24V	≥90	10mm	33.33mm 8LED	IP20 IP67	Warm White	2700K	1800-1900	D/E
QL-F2835X120SA-W-24										Warm White	3000K	1900-2000	
QL-F2835X120SA-N-24										NatureWhite	4000K	2000-2100	
QL-F2835X120SA-P-24										Pure White	6500K	2000-2100	
QL-F2835A128SA-W-24	SMD2835	CV Version	256	15W	24V	≥90	20mm Double Row	62.5mm 16LED	IP20	Warm White	2700K	2000-2100	D/E
QL-F2835A128SA-W-24										Warm White	3000K	2100-2200	
QL-F2835A128SA-N-24										NatureWhite	4000K	2200-2300	
QL-F2835A128SA-P-24										Pure White	6500K	2200-2300	
QL-F2835X63SA-WW-24C	SMD2835	CC Version	126	17W	24V	≥90	10mm	55.55mm 7LED	IP20 IP67	Warm White	2700K	1750-1850	E/F
QL-F2835X63SA-W-24C										Warm White	3000K	1850-1950	
QL-F2835X63SA-N-24C										NatureWhite	4000K	1950-2050	
QL-F2835X63SA-P-24C										Pure White	6500K	1950-2050	

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 Economic SMD2835 LED Strips

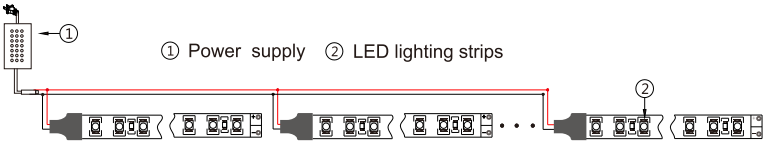
Features:

- LED: CRI≥90 SMD2835
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 140LED/m,182LED/m, 238LED/m
- Power: 4.5W/m, 8.5W/m, 9.2W/m, 14W/m, 19W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

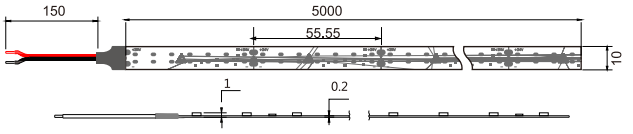
Applications:

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

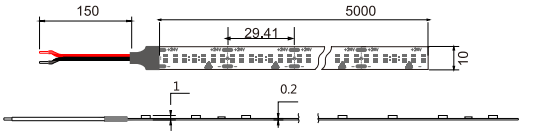
Connections:



Dimension Drawings:



126LED/m Version Unit:mm



238LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2835A63SA-W-24-5CES QL-F2835A63SA-N-24-5CES QL-F2835A63SA-P-24-5CES	SMD2835	CV Version	126	8.5W	24V	≥90	5mm	55.5mm 7LED	IP20	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6500K	900-950 950-1000 1000-1050	F
QL-F2835X35SA-W-24-CES QL-F2835X35SA-N-24-CES QL-F2835X35SA-P-24-CES	SMD2835	CV Version	70	4.5W	24V	≥90	8mm	100mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6500K	500-525 525-550 550-575	F
QL-F2835X70SA-W-24-CES QL-F2835X70SA-N-24-CES QL-F2835X70SA-P-24-CES	SMD2835	CV Version	140	9.2W	24V	≥90	8mm	50mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6500K	1000-1050 1050-1100 1100-1050	F
QL-F2835X91SA-W-24-CES QL-F2835X91SA-N-24-CES QL-F2835X91SA-P-24-CES	SMD2835	CV Version	182	14W	24V	≥90	10mm	38.46mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6500K	1520-1590 1590-1570 1660-1730	F
QL-F2835X119SA-W-24-CES QL-F2835X119SA-N-24-CES QL-F2835X119SA-P-24-CES	SMD2835	CV Version	238	19W	24V	≥90	10mm	29.41mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6500K	2000-2100 2100-2200 2200-2300	F
QL-F2835X63SA-W-24C-CES QL-F2835X63SA-N-24C-CES QL-F2835X63SA-P-24C-CES	SMD2835	CC Version	126	8.5W	24V	≥90	10mm	55.55mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6500K	900-950 950-1000 1000-1050	F

CRI≥95 SMD3528 LED Strips

EcoDesign

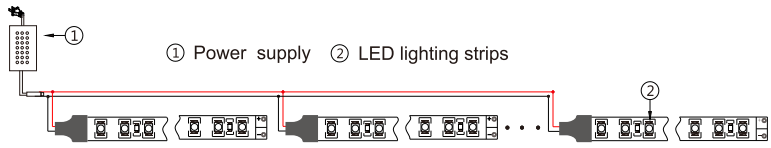
Features:

- LED: CRI≥95 SMD3528
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 140LED/m, 182LED/m, 238LED/m
- Power: 7W/m, 8.5W/m, 12.5W/m, 14W/m, 18W/m, 24W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

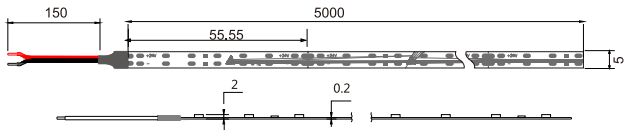
Applications:

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

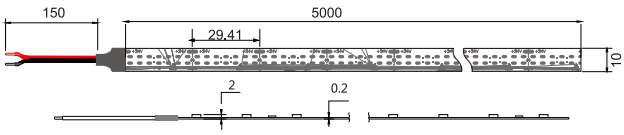
Connections:



Dimension Drawings:



126LED/m Version Unit:mm



238LED/m Version Unit:mm

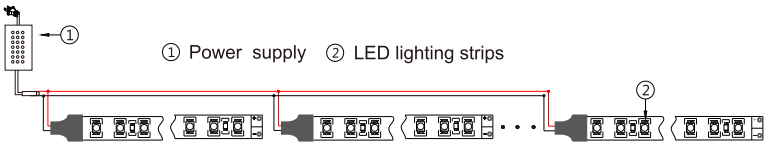
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F3528A63SA-W-24-595 QL-F3528A63SA-N-24-595 QL-F3528A63SA-P-24-595	SMD3528	CV Version	126	8.5W	24V	≥95	5mm	55.5mm 7LED	IP20	Warm White NatureWhite Pure White	2700/3000K 4000K 6000K	830-870 870-910 910-950	F
QL-F3528X35SA-W-24-95 QL-F3528X35SA-N-24-95 QL-F3528X35SA-P-24-95	SMD3528	CV Version	70	7W	24V	≥95	8mm	100mm 7LED	IP20 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 4000K 6000K	690-710 710-740 740-770	F
QL-F3528X70SA-W-24-95 QL-F3528X70SA-N-24-95 QL-F3528X70SA-P-24-95	SMD3528	CV Version	140	14W	24V	≥95	8mm	50mm 7LED	IP20 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 4000K 6000K	1420-1470 1470-1490 1490-1540	F
QL-F3528X91SA-W-24-95 QL-F3528X91SA-N-24-95 QL-F3528X91SA-P-24-95	SMD3528	CV Version	182	18W	24V	≥95	10mm	38.46mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 4000K 6000K	1780-1860 1860-1920 1920-2000	F
QL-F3528X119SA-W-24-95 QL-F3528X119SA-N-24-95 QL-F3528X119SA-P-24-95	SMD3528	CV Version	238	24W	24V	≥95	10mm	29.41mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 4000K 6000K	2480-2560 2560-2640 2640-2620	F
QL-F3528X63SA-X-24C-95 QL-F3528X63SA-X-24C-95 QL-F3528X63SA-X-24C-95	SMD3528	CC Version	126	12.5W	24V	≥95	10mm	55.55mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 4000K 6000K	1230-1250 1280-1330 1330-1380	F

CRI≥95 SMD3528 LED Strips

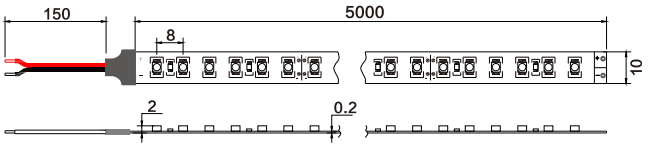
Features:

- 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

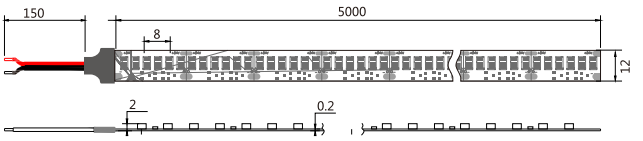
Connections:



Dimension Drawings:



120LED/m CV Strips Unit:mm



228LED/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-F3528X114SA-W-24C-95	SMD3528	CC Version	228	18W	24V	≥95	12mm	IP20	Warm White	2700/3000K	1400-1500
QL-F3528X114SA-N-24C-95									Nature White	4000-4500K	1500-1600
QL-F3528X114SA-P-24C-95									Pure White	6000-6500K	1600-1700
QL-F3528X60SA-W-24C-95	SMD3528	CC Version	120	14.4W	24V	≥95	10mm	IP20-IP68	Warm White	2700/3000K	1000-1100
QL-F3528X60SA-N-24C-95									Nature White	4000-4500K	1100-1200
QL-F3528X60SA-P-24C-95									Pure White	6000-6500K	1200-1300
QL-F3528X30SA-W-24C-95	SMD3528	CC Version	60	7.2W	24V	≥95	10mm	IP20-IP68	Warm White	2700/3000K	500-550
QL-F3528X30SA-N-24C-95									Nature White	4000-4500K	550-600
QL-F3528X30SA-P-24C-95									Pure White	6000-6500K	600-660
QL-F3528A120SAL-W-24-S195	SMD3528	CV Version	240	19.2W	24V	≥95	10mm	IP20	Warm White	2700/3000K	1600-1700
QL-F3528A120SAL-N-24-S195									Nature White	4000-4500K	1700-1800
QL-F3528A120SAL-P-24-S195									Pure White	6000-6500K	1800-1900
QL-F3528A90SAL-W-24-95	SMD3528	CV Version	180	14.4W	24V	≥95	10mm	IP20	Warm White	2700/3000K	1000-1100
QL-F3528A90SAL-N-24-95									Nature White	4000-4500K	1100-1200
QL-F3528A90SAL-P-24-95									Pure White	6000-6500K	1200-1300
QL-F3528X60SA-W-12/24-95	SMD3528	CV Version	120	14.4W	12V/24V	≥95	10mm	IP20-IP68	Warm White	2700/3000K	1000-1100
QL-F3528X60SA-N-12/24-95									Nature White	4000-4500K	1100-1200
QL-F3528X60SA-P-12/24-95									Pure White	6000-6500K	1200-1300
QL-F3528X39SA-W-12/24-95	SMD3528	CV Version	78	9.4W	12V/24V	≥95	8mm	IP20-IP68	Warm White	2700/3000K	750-800
QL-F3528X39SA-N-12/24-95									Nature White	4000-4500K	800-850
QL-F3528X39SA-P-12/24-95									Pure White	6000-6500K	850-880
QL-F3528X30SA-W-12/24-95	SMD3528	CV Version	60	7.2W	12V/24V	≥95	8mm	IP20-IP68	Warm White	2700/3000K	500-550
QL-F3528X30SA-N-12/24-95									Nature White	4000-4500K	550-600
QL-F3528X30SA-P-12/24-95									Pure White	6000-6500K	600-660

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

EcoDesign

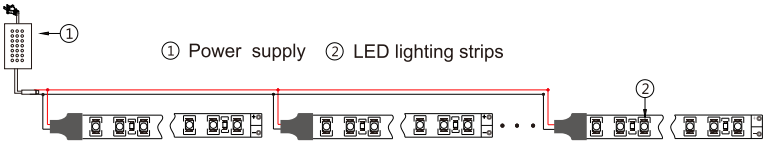
Features:

- LED: CRI≥90 SMD3528
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 140LED/m,182LED/m, 238LED/m
- Power: 7W/m, 8.5W/m, 12.5W/m, 14W/m, 18W/m, 24W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

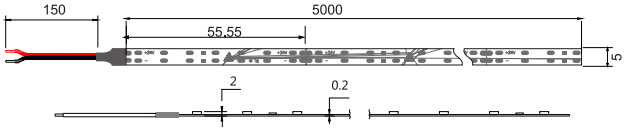
Applications:

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

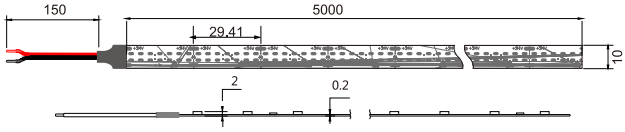
Connections:



Dimension Drawings:



126LED/m Version Unit:mm



238LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F3528A63SA-W-24-5 QL-F3528A63SA-N-24-5 QL-F3528A63SA-P-24-5	SMD3528	CV Version	126	8.5W	24V	≥90	5mm	55.5mm 7LED	IP20	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	900-950 950-1000 1000-1050	E/F
QL-F3528X35SA-W-24 QL-F3528X35SA-N-24 QL-F3528X35SA-P-24	SMD3528	CV Version	70	7W	24V	≥90	8mm	100mm 7LED	IP20 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	720-770 770-820 820-870	E/F
QL-F3528X70SA-W-24 QL-F3528X70SA-N-24 QL-F3528X70SA-P-24	SMD3528	CV Version	140	14W	24V	≥90	8mm	50mm 7LED	IP20 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	1600-1650 1650-1700 1700-1750	E/F
QL-F3528X91SA-W-24 QL-F3528X91SA-N-24 QL-F3528X91SA-P-24	SMD3528	CV Version	182	18W	24V	≥90	10mm	38.46mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	1970-2070 2070-2170 2170-2270	E/F
QL-F3528X119SA-W-24 QL-F3528X119SA-N-24 QL-F3528X119SA-P-24	SMD3528	CV Version	238	24W	24V	≥90	10mm	29.41mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	2550-2700 2700-2850 2850-3000	E/F
QL-F3528X63SA-X-24C QL-F3528X63SA-X-24C QL-F3528X63SA-X-24C	SMD3528	CC Version	126	12.5W	24V	≥90	10mm	55.55mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	1360-1430 1430-1500 1500-1570	E/F

CRI≥90 Economic SMD3528 LED Strips

EcoDesign

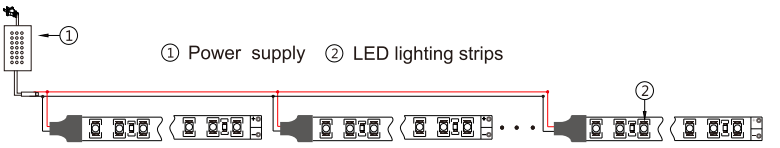
Features:

- LED: CRI≥90 SMD3528
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 140LED/m,182LED/m, 238LED/m
- Power: 4.5W/m, 8.5W/m, 9.2W/m, 12W/m, 16W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

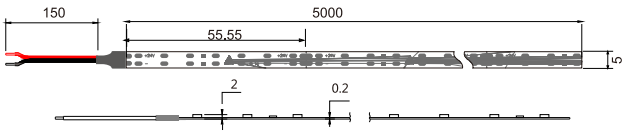
Applications:

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

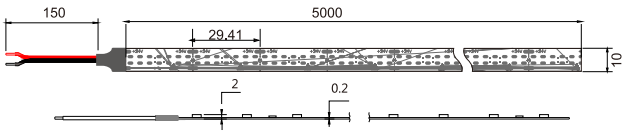
Connections:



Dimension Drawings:



126LED/m Version Unit:mm



238LED/m Version Unit:mm

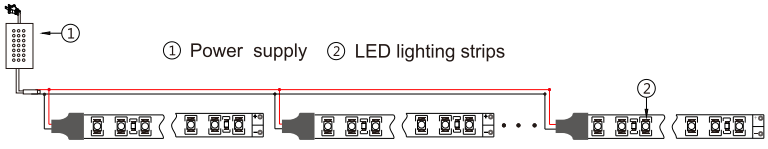
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F3528A63SA-W-24-5CES QL-F3528A63SA-N-24-5CES QL-F3528A63SA-P-24-5CES	SMD3528	CV Version	126	8.5W	24V	≥90	5mm	55.5mm 7LED	IP20	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	860-890 890-920 920-950	F
QL-F3528X35SA-W-24-CES QL-F3528X35SA-N-24-CES QL-F3528X35SA-P-24-CES	SMD3528	CV Version	70	4.5W	24V	≥90	8mm	100mm 7LED	IP20 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	460-480 480-500 500-520	F
QL-F3528X70SA-W-24-CES QL-F3528X70SA-N-24-CES QL-F3528X70SA-P-24-CES	SMD3528	CV Version	140	9.2W	24V	≥90	8mm	50mm 7LED	IP20 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	900-950 950-1000 1000-1050	F
QL-F3528X91SA-W-24-CES QL-F3528X91SA-N-24-CES QL-F3528X91SA-P-24-CES	SMD3528	CV Version	182	12W	24V	≥90	10mm	38.46mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	1200-1250 1250-1300 1300-1350	F
QL-F3528X119SA-W-24-CES QL-F3528X119SA-N-24-CES QL-F3528X119SA-P-24-CES	SMD3528	CV Version	238	16W	24V	≥90	10mm	29.41mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	1600-1660 1660-1720 1720-1780	F
QL-F3528X63SA-X-24C-CES QL-F3528X63SA-X-24C-CES QL-F3528X63SA-X-24C-CES	SMD3528	CC Version	126	8.5W	24V	≥90	10mm	55.5mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 3500/4000K 5000/6000K	860-890 890-920 920-950	F

CRI≥90 SMD3528 LED Strips

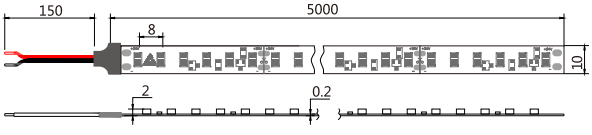
Features:

- 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

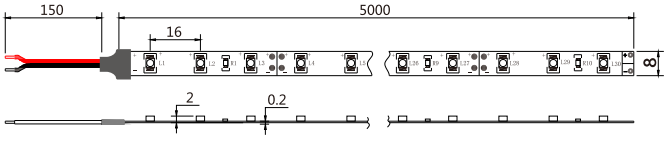
Connections:



Dimension Drawings:



120LED/m CC Strips Unit:mm



60LED/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-F3528X114SA-W-24C	SMD3528	CC Version	228	18W	24V	≥90	12mm	IP20	Warm White	2700/3000/3500K	1500-1600
QL-F3528X114SA-N-24C									Nature White	4000-4500K	1600-1700
QL-F3528X114SA-P-24C									Pure White	5000/6000K	1700-1800
QL-F3528X60SA-W-24C	SMD3528	CC Version	120	14.4W	24V	≥90	10mm	IP20-IP68	Warm White	2700/3000/3500K	1100-1200
QL-F3528X60SA-N-24C									Nature White	4000-4500K	1200-1300
QL-F3528X60SA-P-24C									Pure White	5000/6000K	1300-1400
QL-F3528X30SA-W-24C	SMD3528	CC Version	60	7.2W	24V	≥90	10mm	IP20-IP68	Warm White	2700/3000/3500K	550-600
QL-F3528X30SA-N-24C									Nature White	4000-4500K	600-650
QL-F3528X30SA-P-24C									Pure White	5000/6000K	650-700
QL-F3528A120SAL-W-24-S1	SMD3528	CV Version	240	19.2W	24V	≥90	10mm	IP20	Warm White	2700/3000/3500K	1700-1800
QL-F3528A120SAL-N-24-S1									Nature White	4000-4500K	1600-1700
QL-F3528A120SAL-P-24-S1									Pure White	5000/6000K	1900-2000
QL-F3528A90SAL-W-24	SMD3528	CV Version	180	14.4W	24V	≥90	10mm	IP20	Warm White	2700/3000/3500K	1100-1200
QL-F3528A90SAL-N-24									Nature White	4000-4500K	1200-1300
QL-F3528A90SAL-P-24									Pure White	5000/6000K	1300-1400
QL-F3528X60SA-W-12/24	SMD3528	CV Version	120	14.4W	12V/24V	≥90	10mm	IP20-IP68	Warm White	2700/3000/3500K	1100-1200
QL-F3528X60SA-N-12/24									Nature White	4000-4500K	1200-1300
QL-F3528X60SA-P-12/24									Pure White	5000/6000K	1300-1400
QL-F3528X39SA-W-12/24	SMD3528	CV Version	78	9.4W	12V/24V	≥90	8mm	IP20-IP68	Warm White	2700/3000/3500K	800-850
QL-F3528X39SA-N-12/24									Nature White	4000-4500K	850-880
QL-F3528X39SA-P-12/24									Pure White	5000/6000K	880-900
QL-F3528X30SA-W-12/24	SMD3528	CV Version	60	7.2W	12V/24V	≥90	8mm	IP20-IP68	Warm White	2700/3000/3500K	550-600
QL-F3528X30SA-N-12/24									Nature White	4000-4500K	600-650
QL-F3528X30SA-P-12/24									Pure White	5000/6000K	650-700

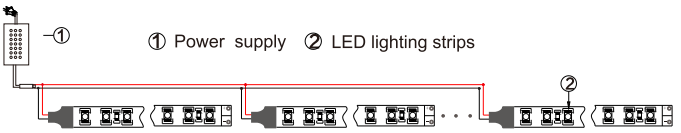
Remark: X stands for waterproof version, A stands for IP20 version, B and S stands for IP54 version, C stands for IP67 version and D stands for IP68 version
CC means Constant Current version, CV means Constant Voltage version.

SMD3528 LED Flexible Strips

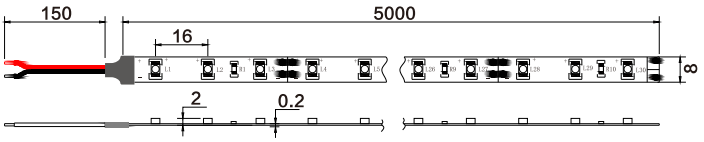
Features:

- 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:



60LED/m Strips Unit:mm

120LED/m Strips Unit:mm

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	450-480
QL-F3528X30-N-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	Nature White	4000-4500K	420-450
QL-F3528X30-W-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	Warm White	2200/2700/3000K	360-420
QL-F3528X30-B-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	Blue	620-630	100-110
QL-F3528X30-G-24C	3528	CC Version	60	4.8W	24V	10mm	IP20-IP68	Green	585-595	300-330
QL-F3528X60-P-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	Pure White	455-470	900-950
QL-F3528X60-N-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	Nature White	510-525	850-900
QL-F3528X60-W-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	Warm White	6000-7000K	750-850
QL-F3528X60-B-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	Blue	620-630	200-220
QL-F3528X60-G-24C	3528	CC Version	120	9.6W	24V	10mm	IP20-IP68	Green	585-595	600-660
QL-F3528X30-P-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	Pure White	6000-7000K	450-480
QL-F3528X30-N-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	Nature White	4000-4500K	420-450
QL-F3528X30-W-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	Warm White	2200/2700/3000K	360-420
QL-F3528X30-R-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	Red	620-630	130-150
QL-F3528X30-Y-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	Yellow	585-595	130-150
QL-F3528X30-B-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	Blue	455-470	100-110
QL-F3528X30-G-12/24	3528	CV Version	60	4.8W	12V/24V	8mm	IP20-IP68	Green	510-525	300-330
QL-F3528X60-P-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	Pure White	6000-7000K	900-950
QL-F3528X60-N-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	Nature White	4000-4500K	850-900
QL-F3528X60-W-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	Warm White	2200/2700/3000K	750-850
QL-F3528X60-R-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	Red	620-630	260-300
QL-F3528X60-Y-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	Yellow	585-595	260-300
QL-F3528X60-B-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	Blue	455-470	200-220
QL-F3528X60-G-12/24	3528	CV Version	120	9.6W	12V/24V	8mm	IP20-IP68	Green	510-525	600-660

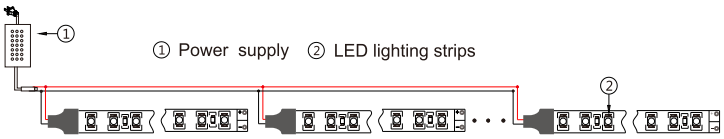
Remark: X stands for waterproof version, A stands for non-waterproof version, B and S stands for IP54 waterproof version
C stands for IP67 waterproof version, D stands for IP68 waterproof version
CC means constant current version, CV means Constant Voltage Version

CRI ≥95/90 High Density LED Strips

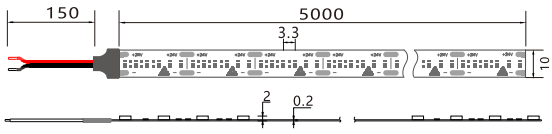
Features:

- LED: SMD2016 and SMD3528
- Constant Current Version and Constant Voltage Version
- LED Qty: 300LED/m, 240LED/m, 228LED/m, 180LED/m
- Power:38.4W/m, 19.2W/m, 18W/m, 14.4W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Single-Line Cutting: 6LED for DC24V version

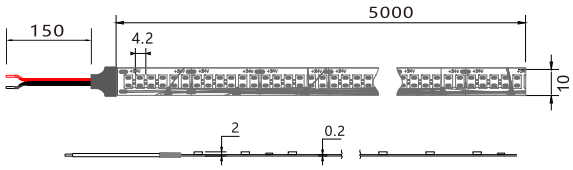
Connections:



Dimension Drawings:



300LED/m Strips Unit:mm



240LED/m CV Strips Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL–F2016A240SA–W–24 QL–F2016A240SA–N–24 QL–F2016A240SA–P–24	SMD2016 Two–Row	CV Version	480	38.4W	24V	≥90	15mm	IP20	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6500K	2700–2800 2900–3000 3200–3400
QL–F2016A150SA–W–24 QL–F2016A150SA–N–24 QL–F2016A150SA–P–24	SMD2016	CV Version	300	24W	24V	≥90	10mm	IP20	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6500K	1700–1800 1850–1950 2000–2100
QL–F2016X120SA–W–24 QL–F2016X120SA–N–24 QL–F2016X120SA–P–24	SMD2016	CV Version	240	19.2W	24V	≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6500K	1350–1450 1500–1600 1600–1700
QL–F3528A120SAL–W–24–S1 QL–F3528A120SAL–N–24–S1 QL–F3528A120SAL–P–24–S1 QL–F3528A120SAL–B–24–S1 QL–F3528A120SAL–G–24–S1	SMD3528	CV Version	240	19.2	24V	≥95 ≥90 ≥80	10mm	IP20	Warm White Nature White Pure White Blue Green	2200/2700/3000K 4000–4500K 6000–7000K 455–470 510–525	1600–1700 1700–1800 1800–1900 400–450 1250–1350
QL–F3528A90SAL–W–24–S1 QL–F3528A90SAL–N–24–S1 QL–F3528A90SAL–P–24–S1 QL–F3528A90SAL–B–24–S1 QL–F3528A90SAL–G–24–S1	SMD3528	CV Version	180	14.4	24V	≥95 ≥90 ≥80	10mm	IP20	Warm White Nature White Pure White Blue Green	2200/2700/3000K 4000–4500K 6000–7000K 455–470 510–525	1000–1100 1100–12000 1200–1300 300–350 950–1000
QL–F3528A114SA–W–24C QL–F3528A114SA–N–24C QL–F3528A114SA–P–24C QL–F3528A114SA–B–24C QL–F3528A114SA–G–24C	SMD3528	CV Version	228	18	24V	≥95 ≥90 ≥80	12mm	IP20	Warm White Nature White Pure White Blue Green	2200/2700/3000K 4000–4500K 6000–7000K 455–470 510–525	1450–1500 1500–1550 1550–1600 400–420 1200–1300

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

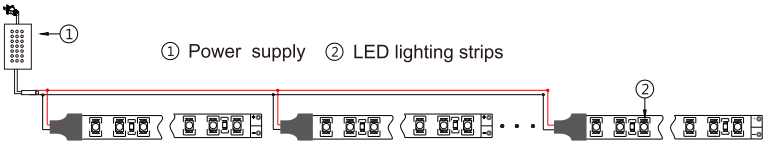
CRI≥90 Economic SMD2525 LED Strips

EcoDesign

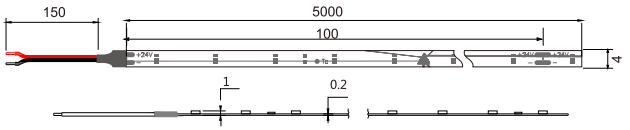
Features:

- LED: CRI≥90 SMD2525
- Power: 4.8W/m, 8.5W/m, 9.6W/m, 12W/m, 16W/m, 16W/m, 21W/m, 34W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

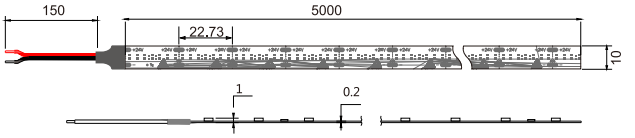
Connections:



Dimension Drawings:



70 LED 4mm Version Unit:mm



308LED 10mm Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ(Nm)/(CT:K)	lumen (lm/m)	Energy efficiency class
QL-F2525X35SA-W-24-4CES QL-F2525X35SA-N-24-4CES QL-F2525X35SA-P-24-4CES	SMD2525	CV Version	70	4.8W	24V	≥90	4mm	100mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	435-465 465-495 495-525	F
QL-F2525X70SA-W-24-4CES QL-F2525X70SA-N-24-4CES QL-F2525X70SA-P-24-4CES	SMD2525	CV Version	140	9.6W	24V	≥90	4mm	50mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	900-950 950-1000 1000-1050	F
QL-F2525X91SA-W-24-4CES QL-F2525X91SA-N-24-4CES QL-F2525X91SA-P-24-4CES	SMD2525	CV Version	182	12W	24V	≥90	4mm	38.46mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1200-1250 1250-1300 1300-1360	F
QL-F2525X35SA-W-24-CES QL-F2525X35SA-N-24-CES QL-F2525X35SA-P-24-CES	SMD2525	CV Version	70	4.8W	24V	≥90	8mm	100mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	435-465 465-495 495-525	F
QL-F2525X70SA-W-24-CES QL-F2525X70SA-N-24-CES QL-F2525X70SA-P-24-CES	SMD2525	CV Version	140	9.6W	24V	≥90	8mm	50mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	900-950 950-1000 1000-1050	F
QL-F2525X91SA-W-24-CES QL-F2525X91SA-N-24-CES QL-F2525X91SA-P-24-CES	SMD2525	CV Version	182	12W	24V	≥90	8mm	38.46mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1200-1250 1250-1300 1300-1360	F
QL-F2525X119SA-W-24-CES QL-F2525X119SA-N-24-CES QL-F2525X119SA-P-24-CES	SMD2525	CV Version	238	16W	24V	≥90	10mm	29.41mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1600-1650 1650-1700 1700-1780	F
QL-F2525X154SA-W-24-CES QL-F2525X154SA-N-24-CES QL-F2525X154SA-P-24-CES	SMD2525	CV Version	308	21W	24V	≥90	10mm	22.73mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	2010-2110 2110-2210 2210-2310	F
QL-F2525X252SA-W-24-CES QL-F2525X252SA-N-24-CES QL-F2525X252SA-P-24-CES	SMD2525	CV Version	504	34W	24V	≥90	15mm Double-Row	27.77mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	3500-3600 3600-3700 3700-3780	F
QL-F2525X63SA-W-24C-CES QL-F2525X63SA-N-24C-CES QL-F2525X63SA-P-24C-CES	SMD2525	CV Version	126	8.5W	24V	≥90	10mm	55.55mm (7LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	800-850 850-900 900-950	F

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.

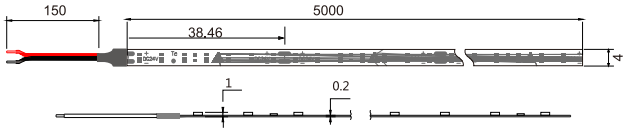
CRI≥90 SMD2216 LED Strips

EcoDesign

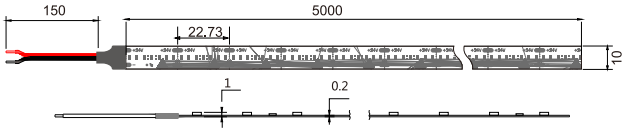
Features:

- LED: CRI≥90 SMD2216
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 140LED/m, 182LED/m, 238LED/m, 308LED/m, 504LED/m
- Power: 4.5W/m, 8.5W/m, 9.2W/m, 12W/m, 16W/m, 21W/m, 34W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Dimension Drawings:



182LED/m Version Unit:mm



308LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2216A35SA-W-24-4 QL-F2216A35SA-N-24-4 QL-F2216A35SA-P-24-4	SMD2216	CV Version	70	4.5W	24V	≥90	4mm	100mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	465-485 485-505 505-525	F
QL-F2216A70SA-W-24-4 QL-F2216A70SA-N-24-4 QL-F2216A70SA-P-24-4	SMD2216	CV Version	140	9.2W	24V	≥90	4mm	50mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	900-950 950-1000 1000-1050	F
QL-F2216A91SA-W-24-4 QL-F2216A91SA-N-24-4 QL-F2216A91SA-P-24-4	SMD2216	CV Version	182	12W	24V	≥90	4mm	38.46mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	1210-1260 1260-1310 1310-1360	F
QL-F2216X35SA-W-24 QL-F2216X35SA-N-24 QL-F2216X35SA-P-24	SMD2216	CV Version	70	4.5W	24V	≥90	8mm	100mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	465-485 485-505 505-525	F
QL-F2216X70SA-W-24 QL-F2216X70SA-N-24 QL-F2216X70SA-P-24	SMD2216	CV Version	140	9.2W	24V	≥90	8mm	50mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	900-950 950-1000 1000-1050	F
QL-F2216X91SA-W-24 QL-F2216X91SA-N-24 QL-F2216X91SA-P-24	SMD2216	CV Version	182	12W	24V	≥90	8mm	38.46mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	1210-1260 1260-1310 1310-1360	F
QL-F2216X119SA-W-24 QL-F2216X119SA-N-24 QL-F2216X119SA-P-24	SMD2216	CV Version	238	16W	24V	≥90	10mm	29.41mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	1600-1660 1660-1720 1720-1780	F
QL-F2216X154SA-W-24 QL-F2216X154SA-W-24 QL-F2216X154SA-W-24	SMD2216	CV Version	308	21W	24V	≥90	10mm	22.73mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	2130-2190 2190-2250 2250-2310	F
QL-F2216X154SA-W-24-8 QL-F2216X154SA-W-24-8 QL-F2216X154SA-W-24-8	SMD2216	CV Version	308	21W	24V	≥90	8mm	22.73mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	2130-2190 2190-2250 2250-2310	F
QL-F2216A252SA-W-24 QL-F2216A252SA-N-24 QL-F2216A252SA-P-24	SMD2216	CV Version	504	34W	24V	≥90	15mm Double Row	27.77mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	3480-3580 3580-3680 3680-3780	F
QL-F2216X63SA-W-24C QL-F2216X63SA-N-24C QL-F2216X63SA-P-24C	SMD2216	CC Version	126	8.5W	24V	≥90	10mm	55.55mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	860-890 890-920 920-950	F

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.

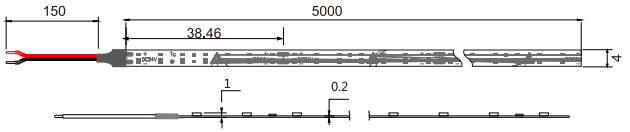
CRI≥90 Economic SMD2016 LED Strips

EcoDesign

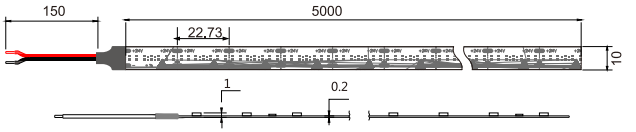
Features:

- LED: CRI≥90 SMD2016
- Constant Current Version and constant voltage version
- LED Qty: 70LED/m, 126LED/m, 140LED/m,
- 182LED/m, 238LED/m, 308LED/m, 504LED/m
- Power: 4.5W/m, 8.5W/m, 9.2W/m, 12W/m, 16W/m, 21W/m, 34W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Dimension Drawings:



182LED/m Version Unit:mm



308LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2016A35SA-W-24-4CES QL-F2016A35SA-N-24-4CES QL-F2016A35SA-P-24-4CES	SMD2016	CV Version	70	4.5W	24V	≥90	4mm	100mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	465-485 485-505 505-525	F
QL-F2016A70SA-W-24-4CES QL-F2016A70SA-N-24-4CES QL-F2016A70SA-P-24-4CES	SMD2016	CV Version	140	9.2W	24V	≥90	4mm	50mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	900-950 950-1000 1000-1050	F
QL-F2016A91SA-W-24-4CES QL-F2016A91SA-N-24-4CES QL-F2016A91SA-P-24-4CES	SMD2016	CV Version	182	12W	24V	≥90	4mm	38.46mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	1210-1260 1260-1310 1310-1360	F
QL-F2016X35SA-W-24-CES QL-F2016X35SA-N-24-CES QL-F2016X35SA-P-24-CES	SMD2016	CV Version	70	4.5W	24V	≥90	8mm	100mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	465-485 485-505 505-525	F
QL-F2016X70SA-W-24-CES QL-F2016X70SA-N-24-CES QL-F2016X70SA-P-24-CES	SMD2016	CV Version	140	9.2W	24V	≥90	8mm	50mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	900-950 950-1000 1000-1050	F
QL-F2016X91SA-W-24-CES QL-F2016X91SA-N-24-CES QL-F2016X91SA-P-24-CES	SMD2016	CV Version	182	12W	24V	≥90	8mm	38.46mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	1210-1260 1260-1310 1310-1360	F
QL-F2016X119SA-W-24-CES QL-F2016X119SA-N-24-CES QL-F2016X119SA-P-24-CES	SMD2016	CV Version	238	16W	24V	≥90	10mm	29.41mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	1600-1660 1660-1720 1720-1780	F
QL-F2016X154SA-W-24-CES QL-F2016X154SA-W-24-CES QL-F2016X154SA-W-24-CES	SMD2016	CV Version	308	21W	24V	≥90	10mm	22.73mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	2130-2190 2190-2250 2250-2310	F
QL-F2016A252SA-W-24-CES QL-F2016A252SA-N-24-CES QL-F2016A252SA-P-24-CES	SMD2016	CV Version	504	34W	24V	≥90	15mm Double Row	27.77mm 7LED	IP20	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	3480-3580 3580-3680 3680-3780	F
QL-F2016X63SA-W-24C-CES QL-F2016X63SA-N-24C-CES QL-F2016X63SA-P-24C-CES	SMD2016	CC Version	126	8.5W	24V	≥90	10mm	55.55mm 7LED	IP20 IP67	Warm White NatureWhite Pure White	2200/2700/3000K 3500/4000K 5000/6500K	860-890 890-920 920-950	F

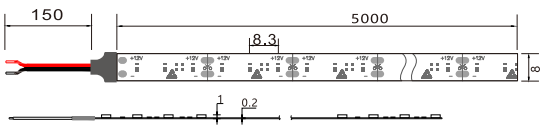
Remark: X stands for waterproof version, A stands for IP20 version, B and S stands for IP54 version, C stands for IP67 version and D stands for IP68 version
CC means Constant Current version, CV means Constant Voltage version.

CRI≥90 SMD2016 LED Strips

Features:

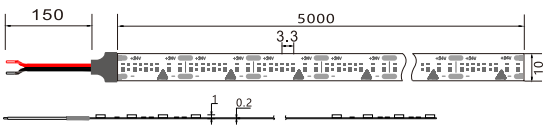
- LED: CRI≥90 SMD2016
- Constant Voltage and Constant Current Version
- LED Qty: 480LED/m, 300LED/m, 240LED/m, 180LED/m, 120LED/m, 60LED/m
- Power: 38.4W/m, 24W/m, 19.2W/m, 14.4W/m, 9.6W/m, 4.8W/m
- Voltage: DC12V, DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Single-Line Cutting: 6LED for DC24V version, and 3LED for DC12V version

Dimension Drawings:



120LED/m Strips

Unit:mm



300LED/m Strips

Unit:mm

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–F2016X30SA–W–12/24 QL–F20166X30SA–N–12/24 QL–F2016X30SA–P–12/24	SMD2016	CV Version	60	4.8W	12V/24V	≥90	8mm	IP20 IP67	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	340–360 370–390 400–420
QL–F2016X60SA–W–12/24 QL–F2016X60SA–N–12/24 QL–F2016X60SA–P–12/24	SMD2016	CV Version	120	9.6W	12V/24V	≥90	8mm	IP20 IP67	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	680–720 740–780 800–840
QL–F2016X90SA–W–12/24 QL–F2016X90SA–N–12/24 QL–F2016X90SA–P–12/24	SMD2016	CV Version	180	14.4W	12V/24V	≥90	8mm	IP20 IP67	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	1000–1100 1100–1200 1200–1300
QL–F2016X120SA–W–12/24 QL–F2016X120SA–N–12/24 QL–F2016X120SA–P–12/24	SMD2016	CV Version	240	19.2W	12/24V	≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	1350–1450 1500–1600 1600–1700
QL–F2016X150SA–W–12/24 QL–F2016X150SA–N–12/24 QL–F2016X150SA–P–12/24	SMD2016	CV Version	300	24W	12/24V	≥90	10mm	IP20	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	1700–1800 1850–1950 2000–2100
QL–F2016X240SA–W–24 QL–F2016X240SA–N–24 QL–F2016X240SA–P–24	SMD2016 Two–Row	CV Version	480	38.4W	24V	≥90	15mm	IP20	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	2700–2800 2900–3000 3200–3400
QL–F2016X30SA–W–12/24–4 QL–F2016X30SA–N–12/24–4 QL–F2016X30SA–P–12/24–4	SMD2016	CV Version	60	4.8W	12V/24V	≥90	4mm	IP20	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	340–360 370–390 400–420
QL–F2016X60SA–W–12/24–4 QL–F2016X60SA–N–12/24–4 QL–F2016X60SA–P–12/24–4	SMD2016	CV Version	120	9.6W	12V/24V	≥90	4mm	IP20	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	680–720 740–780 800–840
QL–F2016X90SA–W–12/24–4 QL–F2016X90SA–N–12/24–4 QL–F2016X90SA–P–24–4	SMD2016	CV Version	180	14.4W	12V/24V	≥90	4mm	IP20	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	1000–1100 1100–1200 1200–1300
QL–F2016X30SA–W–24C QL–F2016X30SA–N–24C QL–F2016X30SA–P–24C	SMD2016	With IC CC Version	60	4.8W	24V	≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	340–360 370–390 400–420
QL–F2016X60SA–W–24C QL–F2016X60SA–N–24C QL–F2016X60SA–P–24C	SMD2016	With IC CC Version	120	9.6W	24V	≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2200/2700K 3000/3500K 4000/5000K 6000–6500K	680–720 740–780 800–840
QL–F2016X120TSA–H–12/24	SMD2016	CV Version	240	19.2W	12V/24V	≥90	10mm	IP20 IP67	Dual White	2500–6000K	1500–1600
QL–F2016X240TSA–H–12/24	SMD2016 Two–Row	CV Version	480	38.4W	12/24V	≥90	12mm	IP20	Dual White	2500–6000K	3000–3200

CRI≥90 SMD5050 LED Strips

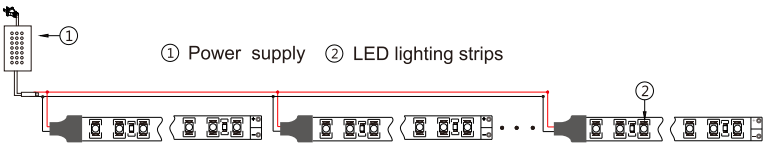
Features:

- LED: CRI≥90 SMD5050
- DC24V Constant voltage version
- LED Qty: 42LED/m, 70LED/m
- Power: 8.2W/m, 14W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

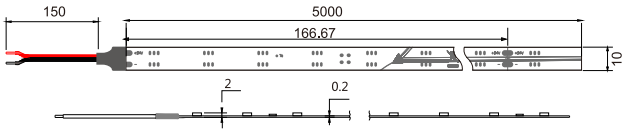
Applications:

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

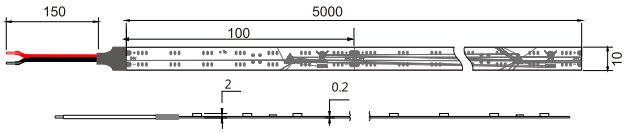
Connections:



Dimension Drawings:



42LED/m Version Unit:mm



70LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F5050X21SA-W-24 QL-F5050X21SA-N-24 QL-F5050X21SA-P-24	SMD5050	CV Version	42	8.2W	24V	≥90	10mm	166.67mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 4000K 6500K	830–870 870–910 910–950	F
QL-F5050X35SA-W-24 QL-F5050X35SA-N-24 QL-F5050X35SA-P-24	SMD5050	CV Version	70	14W	24V	≥90	10mm	100mm 7LED	IP20 IP54 IP67 IP68	Warm White NatureWhite Pure White	2700/3000K 4000K 6500K	1420–1470 1470–1520 1520–1570	F

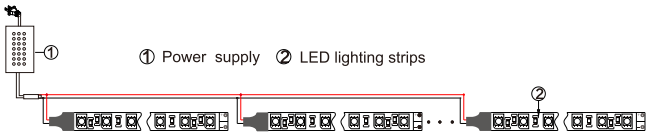
Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.
CC means Constant Current version, CV means Constant Voltage version.

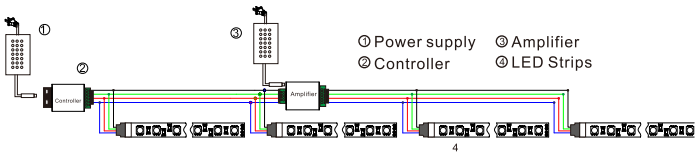
SMD5050 LED Flexible Strips

Features:

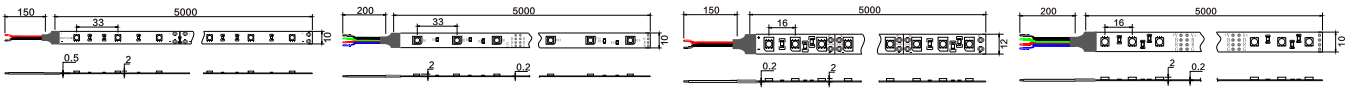
- LED: SMD5050
- LED Quantity: 30LED/m and 60LED/m
- Power: 7.2W/m and 14.4W/m
- Voltage: DC12V/DC24V
- PCB Width: 10mm
- Color: RGB, Red, Blue, Green, Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20/IP54/IP67/IP68
- Cutting: 3 LED cuttable for DC12V version and 5 or 6 LED cuttable for DC24V version

Connections:





Dimension Drawings:



30LED/m Single Color Strips | 30LED/m RGB Color Strips | 60LED/m Single Color Strips | 60LED/m RGB Color Strips

Unit:mm

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	1100-1200
QL-F5050X30-N-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	Nature White	1200-1250
QL-F5050X30-W-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	Warm White	1250-1350
QL-F5050X30-C-24C	SMD5050	CC Version	60	14.4W	24V	12mm	IP20-IP68	RGB	550-600
QL-F5050X30-B-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	Blue	300-320
QL-F5050X30-G-24C	SMD5050	CC Version	60	14.4W	24V	10mm	IP20-IP68	Green	950-1000
QL-F5050X15-P-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	Pure White	630-660
QL-F5050X15-N-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	Nature White	600-630
QL-F5050X15-W-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	Warm White	550-600
QL-F5050X15-C-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	RGB	280-300
QL-F5050X15-R-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	Red	420-450
QL-F5050X15-Y-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	Yellow	420-450
QL-F5050X15-B-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	Blue	150-160
QL-F5050X15-G-12/24	SMD5050	CV Version	30	7.2W	12V/24V	10mm	IP20-IP68	Green	480-500
QL-F5050X30-P-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	Pure White	1250-1300
QL-F5050X30-N-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	Nature White	1200-1250
QL-F5050X30-W-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	Warm White	1100-1200
QL-F5050X30-C-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	RGB	550-600
QL-F5050X30-R-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	Red	420-450
QL-F5050X30-Y-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	Yellow	420-450
QL-F5050X30-B-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	Blue	300-320
QL-F5050X30-G-12/24	SMD5050	CV Version	60	14.4W	12V/24V	10mm	IP20-IP68	Green	950-1000

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

1LED Cutting Economic SMD2525 LED Strips

EcoDesign

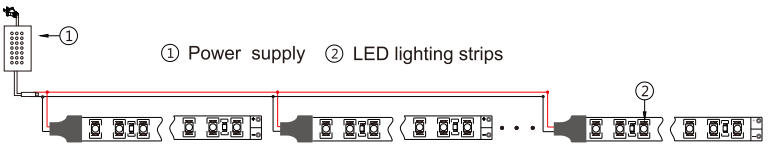
Features:

- LED: CRI≥90 SMD2525
- Power: 4.8W/m - 26.8W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

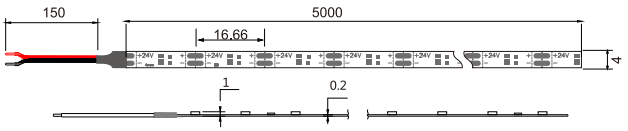
Applications:

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

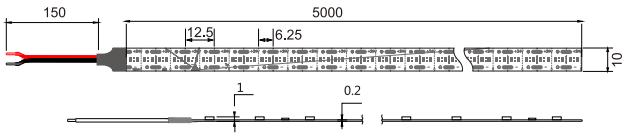
Connections:



Dimension Drawings:



3mm 120LED/m Version Unit:mm



10mm 320LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)	Energy efficiency class
QL-F2525X60SA-W-24-3CES1P QL-F2525X60SA-N-24-3CES1P QL-F2525X60SA-P-24-3CES1P	SMD2525	CV Version	120	10W	24V	≥90	3mm	8.33mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	870-920 920-970 970-1020	F
QL-F2525X30SA-W-24-4CES1P QL-F2525X30SA-N-24-4CES1P QL-F2525X30SA-P-24-4CES1P	SMD2525	CV Version	60	5W	24V	≥90	4mm	16.66mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	420-450 450-480 480-510	F
QL-F2525X60SA-W-24-4CES1P QL-F2525X60SA-N-24-4CES1P QL-F2525X60SA-P-24-4CES1P	SMD2525	CV Version	120	10W	24V	≥90	4mm	8.33mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	870-920 920-970 970-1020	F
QL-F2525X30SA-W-24-5CES1P QL-F2525X30SA-N-24-5CES1P QL-F2525X30SA-P-24-5CES1P	SMD2525	CV Version	60	5W	24V	≥90	5mm	16.66mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	420-450 450-480 480-510	F
QL-F2525X60SA-W-24-5CES1P QL-F2525X60SA-N-24-5CES1P QL-F2525X60SA-P-24-5CES1P	SMD2525	CV Version	120	10W	24V	≥90	5mm	8.33mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	870-920 920-970 970-1020	F
QL-F2525X30SA-W-24-6CES1P QL-F2525X30SA-N-24-6CES1P QL-F2525X30SA-P-24-6CES1P	SMD2525	CV Version	60	5W	24V	≥90	6mm	16.66mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	420-450 450-480 480-510	F
QL-F2525X60SA-W-24-6CES1P QL-F2525X60SA-N-24-6CES1P QL-F2525X60SA-P-24-6CES1P	SMD2525	CV Version	120	10W	24V	≥90	6mm	8.33mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	870-920 920-970 970-1020	F

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)	Energy efficiency class
QL-F2525X30SA-W-24-CES1P QL-F2525X30SA-N-24-CES1P QL-F2525X30SA-P-24-CES1P	SMD2525	CV Version	60	5W	24V	≥90	8mm	16.66mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	420-450 450-480 480-510	F
QL-F2525X35SA-W-24-CES1P QL-F2525X35SA-N-24-CES1P QL-F2525X35SA-P-24-CES1P	SMD2525	CV Version	70	5.8W	24V	≥90	8mm	14.28mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	490-520 520-560 560-595	F
QL-F2525X40SA-W-24-CES1P QL-F2525X40SA-N-24-CES1P QL-F2525X40SA-P-24-CES1P	SMD2525	CV Version	80	6.7W	24V	≥90	8mm	12.5mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	560-600 600-640 640-680	F
QL-F2525X45SA-W-24-CES1P QL-F2525X45SA-N-24-CES1P QL-F2525X45SA-P-24-CES1P	SMD2525	CV Version	90	7.5W	24V	≥90	8mm	11.11mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	640-680 680-720 720-765	F
QL-F2525X50SA-W-24-CES1P QL-F2525X50SA-N-24-CES1P QL-F2525X50SA-P-24-CES1P	SMD2525	CV Version	100	8.4W	24V	≥90	8mm	10mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	730-770 770-810 810-850	F
QL-F2525X55SA-W-24-CES1P QL-F2525X55SA-N-24-CES1P QL-F2525X55SA-P-24-CES1P	SMD2525	CV Version	110	9.2W	24V	≥90	8mm	9.09mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	810-850 850-890 890-935	F
QL-F2525X60SA-W-24-CES1P QL-F2525X60SA-N-24-CES1P QL-F2525X60SA-P-24-CES1P	SMD2525	CV Version	120	10W	24V	≥90	8mm	8.33mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	870-920 920-970 970-1020	F
QL-F2525X65SA-W-24-CES1P QL-F2525X65SA-N-24-CES1P QL-F2525X65SA-P-24-CES1P	SMD2525	CV Version	130	10.9W	24V	≥90	8mm	7.69mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	980-1010 1010-1050 1050-1105	F
QL-F2525X70SA-W-24-CES1P QL-F2525X70SA-N-24-CES1P QL-F2525X70SA-P-24-CES1P	SMD2525	CV Version	140	11.7W	24V	≥90	8mm	7.14mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1050-1105 1105-1145 1145-1190	F
QL-F2525X75SA-W-24-CES1P QL-F2525X75SA-N-24-CES1P QL-F2525X75SA-P-24-CES1P	SMD2525	CV Version	150	12.6W	24V	≥90	8mm	6.66mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1145-1190 1190-1225 1225-1275	F
QL-F2525X80SA-W-24-CES1P QL-F2525X80SA-N-24-CES1P QL-F2525X80SA-P-24-CES1P	SMD2525	CV Version	160	13.4W	24V	≥90	8mm	6.25mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1225-1275 1275-1315 1315-1360	F
QL-F2525X85SA-W-24-CES1P QL-F2525X85SA-N-24-CES1P QL-F2525X85SA-P-24-CES1P	SMD2525	CV Version	170	14.2W	24V	≥90	10mm	5.88mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1315-1360 1360-1400 1400-1445	F
QL-F2525X90SA-W-24-CES1P QL-F2525X90SA-N-24-CES1P QL-F2525X90SA-P-24-CES1P	SMD2525	CV Version	180	15.1W	24V	≥90	10mm	5.55mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1400-1445 1445-1485 1485-1530	F
QL-F2525X95SA-W-24-CES1P QL-F2525X95SA-N-24-CES1P QL-F2525X95SA-P-24-CES1P	SMD2525	CV Version	190	16W	24V	≥90	10mm	5.26mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1485-1535 1535-1575 1575-1615	F
QL-F2525X100SA-W-24-CES1P QL-F2525X100SA-N-24-CES1P QL-F2525X100SA-P-24-CES1P	SMD2525	CV Version	200	16.8W	24V	≥90	10mm	5mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1575-1615 1615-1650 1650-1700	F
QL-F2525X120SA-W-24-CES1P QL-F2525X120SA-N-24-CES1P QL-F2525X120SA-P-24-CES1P	SMD2525	CV Version	240	20W	24V	≥90	10mm	8.33mm (2LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1830-1900 1900-1970 1970-2040	F
QL-F2525X160SA-W-24-CES1P QL-F2525X160SA-N-24-CES1P QL-F2525X160SA-P-24-CES1P	SMD2525	CV Version	320	26.8W	24V	≥90	10mm	6.25mm (2LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	2420-2530 2520-2620 2620-2720	F

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.

1LED Cutting Economic SMD2835 LED Strips

EcoDesign

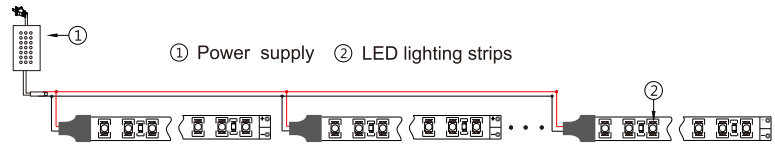
Features:

- LED: CRI≥90 SMD2835
- Power: 5W/m-20W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

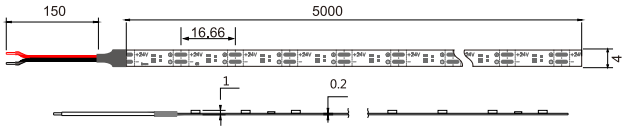
Applications:

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

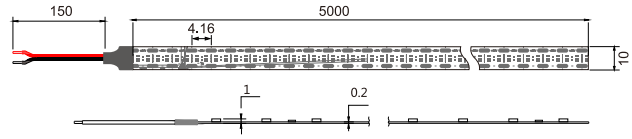
Connections:



Dimension Drawings:



5mm 60LED Version Unit:mm



10mm 240LED Version Unit:mm

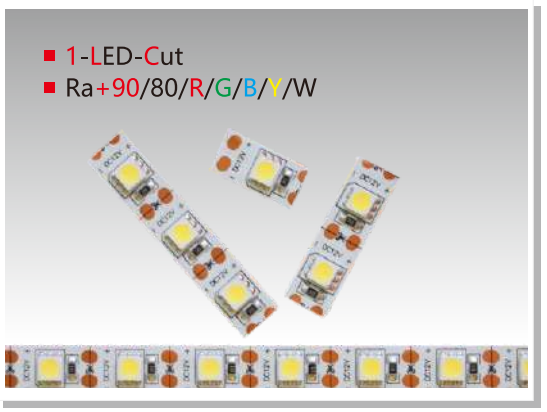
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)	Energy efficiency class
QL-F2835X30SA-W-24-5CES1P QL-F2835X30SA-N-24-5CES1P QL-F2835X30SA-P-24-5CES1P	SMD2835	CV Version	60	5W	24V	≥90	5mm	16.66mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	520-670 570-620 620-670	E
QL-F2835X60SA-W-24-5CES1P QL-F2835X60SA-N-24-5CES1P QL-F2835X60SA-P-24-5CES1P	SMD2835	CV Version	120	10W	24V	≥90	5mm	8.33mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1200-1240 1240-1290 1290-1340	E
QL-F2835X30SA-W-24-6CES1P QL-F2835X30SA-N-24-6CES1P QL-F2835X30SA-P-24-6CES1P	SMD2835	CV Version	60	5W	24V	≥90	6mm	16.66mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	520-670 570-620 620-670	E
QL-F2835X60SA-W-24-6CES1P QL-F2835X60SA-N-24-6CES1P QL-F2835X60SA-P-24-6CES1P	SMD2835	CV Version	120	10W	24V	≥90	6mm	8.33mm (1LED)	IP20	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1200-1240 1240-1290 1290-1340	E

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.

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)	Energy efficiency class
QL-F2835X30SA-W-24-CES1P QL-F2835X30SA-N-24-CES1P QL-F2835X30SA-P-24-CES1P	SMD2835	CV Version	60	5W	24V	≥90	8mm	16.66mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	520-670 570-620 620-670	E
QL-F2835X35SA-W-24-CES1P QL-F2835X35SA-N-24-CES1P QL-F2835X35SA-P-24-CES1P	SMD2835	CV Version	70	5.8W	24V	≥90	8mm	14.28mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	630-680 680-730 730-780	E
QL-F2835X40SA-W-24-CES1P QL-F2835X40SA-N-24-CES1P QL-F2835X40SA-P-24-CES1P	SMD2835	CV Version	80	6.7W	24V	≥90	8mm	12.5mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	750-800 800-850 850-900	E
QL-F2835X45SA-W-24-CES1P QL-F2835X45SA-N-24-CES1P QL-F2835X45SA-P-24-CES1P	SMD2835	CV Version	90	7.5W	24V	≥90	8mm	11.11mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	850-900 900-950 950-1010	E
QL-F2835X50SA-W-24-CES1P QL-F2835X50SA-N-24-CES1P QL-F2835X50SA-P-24-CES1P	SMD2835	CV Version	100	8.4W	24V	≥90	8mm	10mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	970-1020 1020-1070 1070-1120	E
QL-F2835X55SA-W-24-CES1P QL-F2835X55SA-N-24-CES1P QL-F2835X55SA-P-24-CES1P	SMD2835	CV Version	110	9.2W	24V	≥90	8mm	9.09mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1150-1200 1200-1250 1250-1230	E
QL-F2835X60SA-W-24-CES1P QL-F2835X60SA-N-24-CES1P QL-F2835X60SA-P-24-CES1P	SMD2835	CV Version	120	10W	24V	≥90	8mm	8.33mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1200-1240 1240-1290 1290-1340	E
QL-F2835X65SA-W-24-CES1P QL-F2835X65SA-N-24-CES1P QL-F2835X65SA-P-24-CES1P	SMD2835	CV Version	130	10.9W	24V	≥90	8mm	7.69mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1300-1350 1350-1400 1400-1450	E
QL-F2835X70SA-X-24-CES1P QL-F2835X70SA-W-24-CES1P QL-F2835X70SA-P-24-CES1P	SMD2835	CV Version	140	11.7W	24V	≥90	8mm	7.14mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1400-1450 1450-1500 1500-1570	E
QL-F2835X75SA-W-24-CES1P QL-F2835X75SA-N-24-CES1P QL-F2835X75SA-P-24-CES1P	SMD2835	CV Version	150	12.6W	24V	≥90	8mm	6.66mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1500-1570 1570-1620 1620-1680	E
QL-F2835X80SA-W-24-CES1P QL-F2835X80SA-N-24-CES1P QL-F2835X80SA-P-24-CES1P	SMD2835	CV Version	160	13.4W	24V	≥90	8mm	6.25mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1650-1700 1700-1750 1750-1800	E
QL-F2835X85SA-W-24-CES1P QL-F2835X85SA-N-24-CES1P QL-F2835X85SA-P-24-CES1P	SMD2835	CV Version	170	14.2W	24V	≥90	10mm	5.88mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1750-1800 1800-1850 1850-1900	E
QL-F2835X90SA-W-24-CES1P QL-F2835X90SA-N-24-CES1P QL-F2835X90SA-P-24-CES1P	SMD2835	CV Version	180	15.1W	24V	≥90	10mm	5.55mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1850-1900 1900-1960 1950-2015	E
QL-F2835X95SA-W-24-CES1P QL-F2835X95SA-N-24-CES1P QL-F2835X95SA-P-24-CES1P	SMD2835	CV Version	190	16W	24V	≥90	10mm	5.26mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	1970-2020 2020-2070 2070-2130	E
QL-F2835X100SA-W-24-CES1P QL-F2835X100SA-N-24-CES1P QL-F2835X100SA-P-24-CES1P	SMD2835	CV Version	200	16.8W	24V	≥90	10mm	5mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	2100-2150 2150-2200 2200-2240	E
QL-F2835X120SA-W-24-CES1P QL-F2835X120SA-N-24-CES1P QL-F2835X120SA-P-24-CES1P	SMD2835	CV Version	240	20W	24V	≥90	10mm	4.16mm (1LED)	IP20 IP67	Warm White Nature White Pure White	2700/3000/3500K 3500/4000K 5500/6500K	2400-2500 2500-2600 2600-2670	E

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.

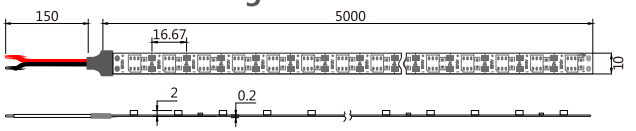
1LED Cutting DC12V LED Flexible Strips



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:

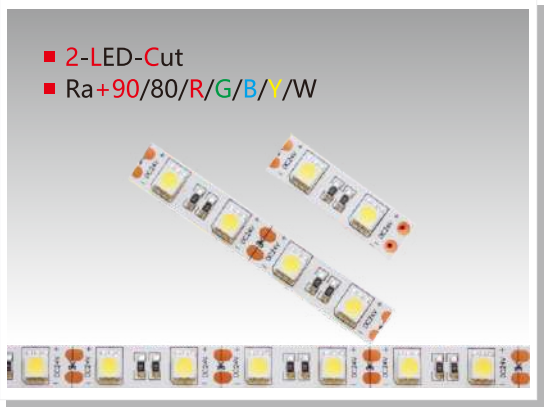


60LED/m Strips Unit:mm

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	1250-1300
QL-F5050X30-N-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	Nature White	4000-4500K	1200-1250
QL-F5050X30-W-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	Warm White	2200/2700/3000K	1100-1200
QL-F5050X30-R-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	Red	620-630	420-450
QL-F5050X30-Y-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	Yellow	585-595	420-450
QL-F5050X30-B-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	Blue	455-470	300-320
QL-F5050X30-G-12-1P	SMD5050	CV Version	60	14.4W	12V	10mm	IP20-IP68	Green	510-525	950-1000

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

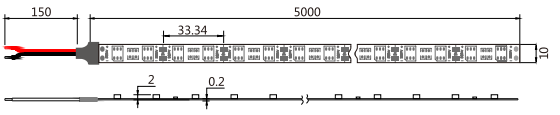
2LED Cutting DC24V LED Flexible Strips



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:



60LED/m Strips Unit:mm

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	1250-1300
QL-F5050X30-N-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	Nature White	4000-4500K	1200-1250
QL-F5050X30-W-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	Warm White	2200/2700/3000K	1100-1200
QL-F5050X30-R-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	Red	620-630	420-450
QL-F5050X30-Y-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	Yellow	585-595	420-450
QL-F5050X30-B-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	Blue	455-470	300-320
QL-F5050X30-G-24-2P	SMD5050	CV Version	60	14.4W	24V	10mm	IP20-IP68	Green	510-525	950-1000

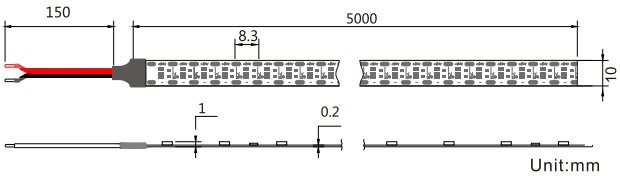
Remark: X stands for waterproof version, A stands for non-waterproof version, B and Sfor IP64 waterproof version
C stands for IP67 waterproof version, D stands for IP68 waterproof version
CC means constant current version, CV means Constant Voltage Version

1LED Cutting DC24V Flexible Strips

Features:

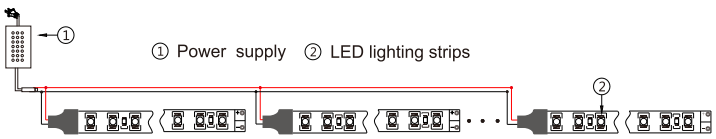
- LED: CRI≥95 SMD2835
- Constant Voltage Version
- LED Qty: 120LED/m, 60LED/m
- Power: 28.8W/m, 14.4W/m
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 1 LED cutting

Dimension Drawings:



Unit:mm

Connections:



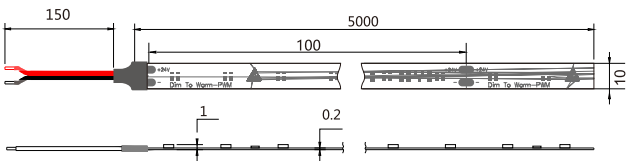
Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	CRI(Ra)	PCB Size	Waterproof	λ (Nm)/(CT:K)	lumen (lm/pcs)
QL-F2835X30SA-W-24-951P	SMD2835	CV	60	14.4W	24V	≥95	10mm	IP20/IP67	2700/3000K	900-1000
QL-F2835X30SA-N-24-951P	SMD2835	CV	60	14.4W	24V	≥95	10mm	IP20/IP67	4000-4500K	1000-1100
QL-F2835X30SA-P-24-951P	SMD2835	CV	60	14.4W	24V	≥95	10mm	IP20/IP67	6000-6500K	1100-1200
QL-F2835A60SA-W-24-951P	SMD2835	CV	120	28.8W	24V	≥95	10mm	IP20	2700/3000K	2100-2250
QL-F2835A60SA-N-24-951P	SMD2835	CV	120	28.8W	24V	≥95	10mm	IP20	4000-4500K	2250-2400
QL-F2835A60SA-P-24-951P	SMD2835	CV	120	28.8W	24V	≥95	10mm	IP20	6000-6500K	2400-2550

Dim to Warm LED Strips

Features:

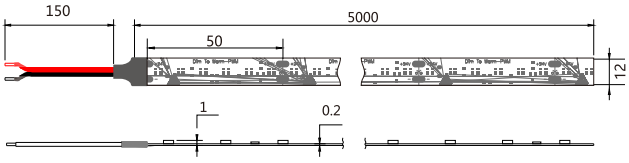
- LED: CRI≥90 SMD2216
- Constant Voltage Version
- Power: 10W/m, 20W/m
- Voltage: DC24V
- Color: 2700-6500K Dual White
- Waterproof: IP20, IP67

Dimension Drawings:



120LED, 8mm Version

Unit:mm



240LED, 10mm Version

Unit:mm

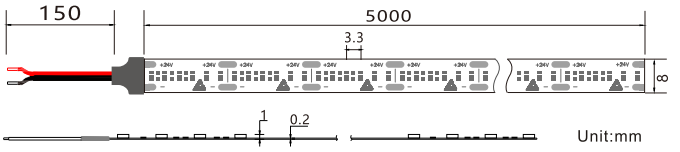
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Cutting (mm)	Water proof	(Nm)/(CT:K)	lumen (lm/m)
QL-F2216A60SA-DTW-24-PWM	SMD2216	CV Version	120	10W/m	24V	≥90	8mm	100mm (12LED)	IP20	Dim-to-Warm 1800-2800K	900-950
QL-F2216C60SA-DTW-24-PWM	SMD2216	CV Version	120	10W/m	24V	≥90	8mm	100mm (12LED)	IP67	Dim-to-Warm 1800-2800K	900-950
QL-F2216A120SA-DTW-24-PWM	SMD2216	CV Version	240	20W/m	24V	≥90	10mm	50mm (12LED)	IP20	Dim-to-Warm 1800-2800K	1800-1900
QL-F2216C120SA-DTW-24-PWM	SMD2216	CV Version	240	20W/m	24V	≥90	10mm	50mm (12LED)	IP67	Dim-to-Warm 1800-2800K	1800-1900

Spot-Free LED Flexible Strips

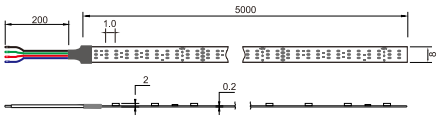
Features:

- 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

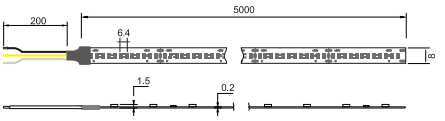
Dimension Drawings:



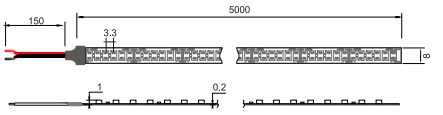
300LED/m Strips



96LED/m RGB Strips Unit:mm



156LED/m CCT Strips Unit:mm



240LED/m Strips Unit:mm

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

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

160 Degree LED Flexible Strips

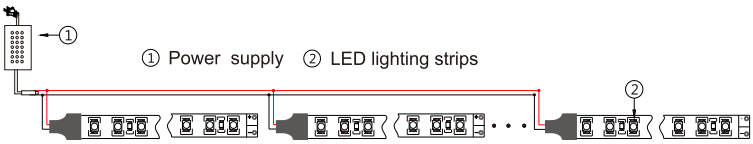
Features:

- LED: 160 Degree LED
- Power: 16.5W/m
- Voltage:DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20
- Cutting: 1LED cut for DC12V, 2LED Cut for DC24V
- 160 degree light angle will bring super color uniform

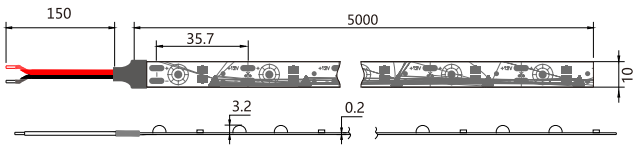
Applications:

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

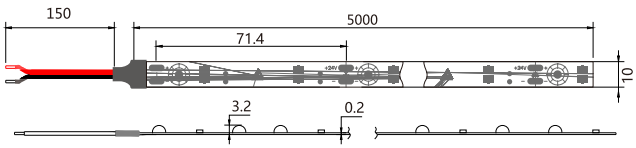
Connections:



Dimension Drawings:



DC12V Version Unit:mm



DC24V Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Cutting (mm)	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL-F5050A14-W-12-160 QL-F5050A14-N-12-160 QL-F5050A14-P-12-160	160 Degree LED	CV Version	28	16.5W	12V	10mm	35.7	IP20	Warm White Nature White Pure White	3000-3500K 4000-4500K 6000-6500K	1450-1500 1500-1550 1550-1600
QL-F5050A14-W-24-160 QL-F5050A14-N-24-160 QL-F5050A14-P-24-160	160 Degree LED	CV Version	28	16.5W	24V	10mm	71.42	IP20	Warm White Nature White Pure White	3000-3500K 4000-4500K 6000-6500K	1450-1500 1500-1550 1550-1600

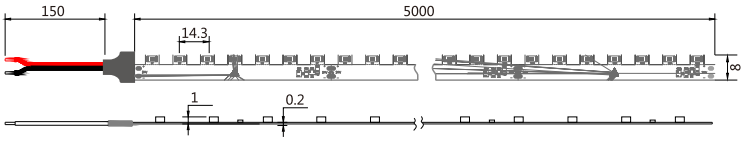
Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.
CC means Constant Current version, CV means Constant Voltage

Angle-Adjustable LED Strips

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:



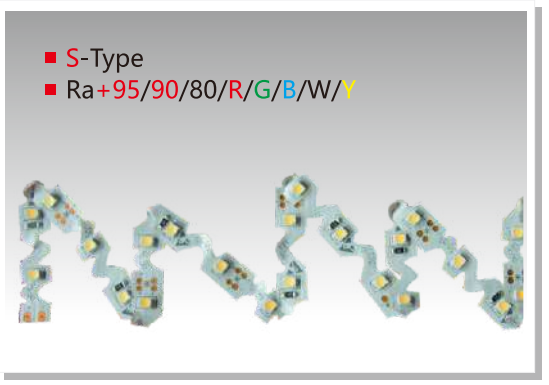
SMD5630 CC Strips

Unit:mm

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 QL-F5630A35SA-N-24C-AG QL-F5630A35SA-P-24C-AG	SMD5630	70	15W	24V	CC Version	≥95 ≥90	5+8mm	IP20	WarmWhite NatureWhite Pure White	2700/3000K 4000-4500K 6000-6500K	1350-1400 1450-1500 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 QL-F3528A35SA-N-24-AG QL-F3528A35SA-P-24-AG	SMD3528	70	7.2W	24V	CV Version	≥95 ≥90	5+8mm	IP20	WarmWhite NatureWhite Pure White	2700/3000/3500K 4000-4500K 5000/6000K	650-700 700-750 750-800
QL-F3528A35-R-24-AG QL-F3528A35-Y-24-AG QL-F3528A35-B-24-AG QL-F3528A35-G-24-AG	SMD3528	70	4.8W	24V	CV Version	/	5+8mm	IP20	Red Yellow Blue Green	620-630 585-595 455-470 510-525	150-170 150-170 110-130 350-380

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

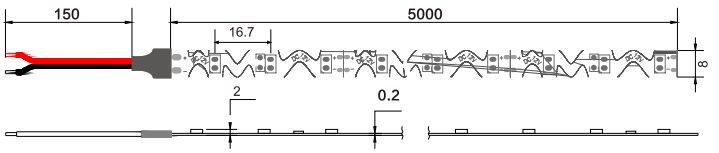
S-Type CRI≥95/90 Bendable LED Strips



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:



60LED/m 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-F3528A30SA-W-12/24-BD QL-F3528A30SA-N-12/24-BD QL-F3528A30SA-P-12/24-BD	SMD3528	CV Version	60	7.2W	12V/24V	≥95 ≥90	8mm	IP20	WarmWhite NatureWhite Pure White	2700/3000/3500K 4000-4500K 5000/6000K	550-600 600-650 650-700
QL-F3528A30-R-12/24-BD QL-F3528A30-Y-12/24-BD QL-F3528A30-B-12/24-BD QL-F3528A30-G-12/24-BD	SMD3528	CV Version	60	4.8W	12V/24V	/	8mm	IP20	Red Yellow Green Blue	620-630 585-595 455-470 510-525	140-150 140-150 300-330 100-110

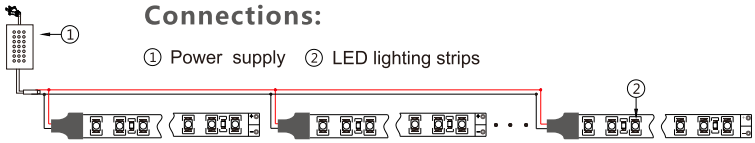
48V SMD3528 LED Flexible Strips

Features:

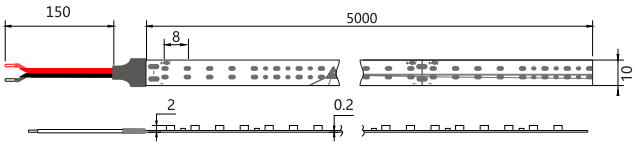
- LED: CRI95 and CRI90 SMD3528 LED
- LED Qty: 120LED/m
- Power: 14.4W/m, 9.6W/m
- Voltage: DC48V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP54, IP67, IP68
- Cutting: 12LED for DC48V version

Connections:

① Power supply ② LED lighting strips



Dimension Drawings:



Unit:mm

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–F3528X60SA–W–48–95 QL–F3528X60SA–N–48–95 QL–F3528X60SA–P–48–95	3528	CV Version	120	14.4W/m	48V	≥95 ≥90	10mm	IP20 IP54 IP67 IP68	Warm White Nature White Pure White	2700K/3000K 4000K 6000K	1100–1200 1200–1250 1250–1350
QL–F3528X60SAL–W–48 QL–F3528X60SAL–N–48 QL–F3528X60SAL–P–48	3528	CV Version	120	9.6W/m	48V	≥95 ≥90 ≥80	10mm	IP20 IP54 IP67 IP68	Warm White Nature White Pure White	2700K/3000K 4000K 6000K	800–850 850–900 900–1000

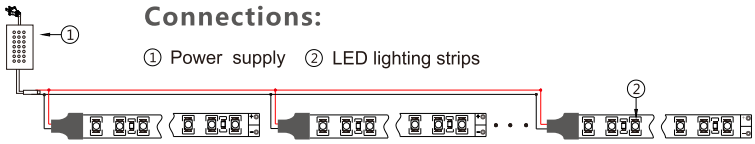
48V SMD2835 LED Flexible Strips

Features:

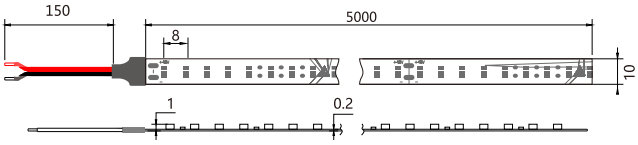
- LED: CRI95 and CRI90 SMD2835 LED
- LED Qty: 120LED/m
- Power: 19.2W/m
- Voltage: DC48V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20, IP67
- Cutting: 12LED cutting for DC48V version

Connections:

① Power supply ② LED lighting strips



Dimension Drawings:



Unit:mm

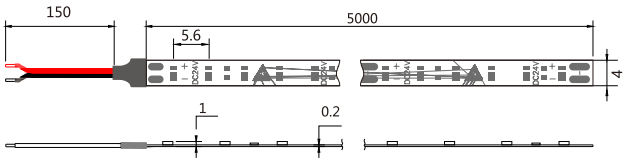
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL–F2835X60SA–W–48–95 QL–F2835X60SA–N–48–95 QL–F2835X60SA–P–48–95	2835	CV Version	120	19.2W	48V	≥95 ≥90	10mm	IP20 IP67	Warm White Nature White Pure White	2700K/3000K 4000K 6000K	1650–1750 1800–1900 1900–2000

4mm Width LED Strips

Features:

- LED: 1-Step CRI≥90 SMD2216
- Constant Voltage Version
- LED Qty: 180LED/m, 120LED/m, 60LED/m
- Power: 14.4W/m, 9.6W/m, 4.8W/m
- Voltage: DC12V/DC24V
- Color: Warm White, Nature White, Pure White
- Cutting: 6LED for DC24V version, and 3LED for DC12V version

Dimension Drawings:



180LED/m CV Strips

Unit:mm

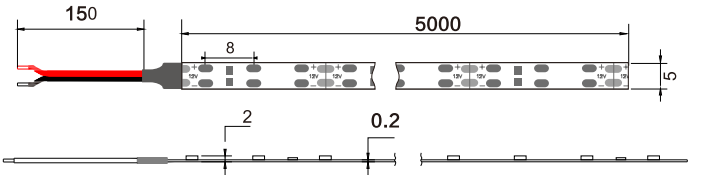
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	CRI(Ra)	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL-F2216A30SA-W-24-4OS	SMD2216	CV Version	60	4.8W	12V/24V	≥90	4mm	IP20	Warm White	2200/2700K 3000/3500K	340-360
QL-F2216A30SA-N-24-4OS									Nature White	4000/5000K	370-390
QL-F2216A30SA-P-24-4OS									Pure White	6500K	400-420
QL-F2216A60SA-W-24-4OS	SMD2216	CV Version	120	9.6W	12V/24V	≥90	4mm	IP20	Warm White	2200/2700K 3000/3500K	680-720
QL-F2216A60SA-N-24-4OS									Nature White	4000/5000K	740-780
QL-F2216A60SA-P-24-4OS									Pure White	6500K	800-840
QL-F2216A90SA-W-24-4OS	SMD2216	CV Version	180	14.4W	12V/24V	≥90	4mm	IP20	Warm White	2200/2700K 3000/3500K	1000-1100
QL-F2216A90SA-N-24-4OS									Nature White	4000/5000K	1100-1200
QL-F2216A90SA-P-24-4OS									Pure White	6500K	1200-1300

5mm Width LED Strips

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

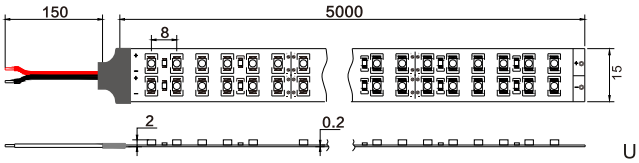
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	CRI(Ra)	Color	(CT:K)	Lumen (lm/m)
QL-F3528A30SAL-W-12/24-5	SMD3528	CV Version	60	4.8W	12V/24V	5mm	IP20	≥95	Warm White	2700/3000/3500K	360-420
QL-F3528A30SAL-N-12/24-5								≥90	Nature White	4000-4500K	420-450
QL-F3528A30SAL-P-12/24-5									Pure White	5000/6000K	450-480
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	Warm White	2700/3000/3500K	750-850
QL-F3528A60SAL-N-12/24-5								≥90	Nature White	4000-4500K	850-900
QL-F3528A60SAL-P-12/24-5									Pure White	5000/6000K	900-950
QL-F3528A60-B-12/24-5								/	Blue	455-470	200-220
QL-F3528A60-G-12/24-5									Green	510-525	600-660

SMD3528 Double-Line LED Strips

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:



Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	CRI(Ra)	Color	λ (Nm)/(CT:K)	Lumen (lm/m)
QL-F3528X120SA-P-24 QL-F3528X120SA-N-24 QL-F3528X120SA-W-24	SMD3528	CV Version	240	24V	IP20	28.8W/m	20mm	⩾95 ⩾90	Warm White Nature White Pure White	2700/3000/3500K 4000-4500K 5000/6000K	2350-2400 2400-2600 2600-2800
QL-F3528X120-R-24 QL-F3528X120-Y-24 QL-F3528X120-B-24 QL-F3528X120-G-24	SMD3528	CV Version	240	24V	IP20	19.2W/m	15mm	/	Red Yellow Blue Green	620-630 585-595 455-470 510-525	650-700 650-700 400-450 1200-1300

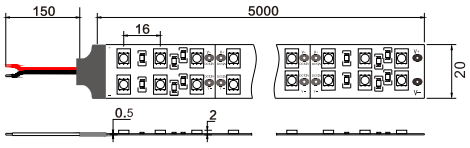
Remark: X stands for waterproof version, A stands for IP20 non-waterproof version, C stands for IP67 waterproof version.
CC means Constant Current version, CV means Constant Voltage

SMD5050 Double-Line LED Strips

Features:

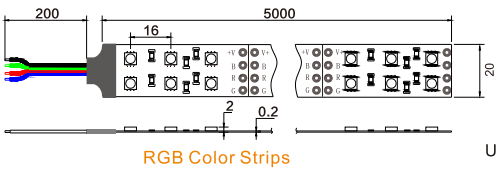
- LED: SMD5050 120LED/m
- Power: 28.8W/m
- Voltage: DC24V
- Color: RGB, Red, Green, Blue Yellow, Warm White, Nature White, Pure White
- Waterproof: IP20 non-waterproof version

Dimension Drawings:



Single Color Strips

Unit:mm



RGB Color Strips

Unit:mm

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

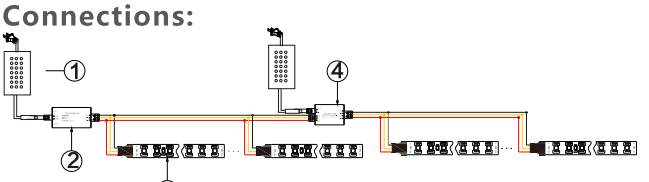
CRI≥90 SMD3528 Dual White LED Strips

EcoDesign

Features:

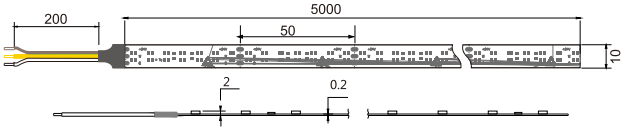
- LED: CRI≥90 SMD3528
- DC24V Constant voltage version
- LED Qty: 156LED/m, 140LED/m, 120LED/m, 60LED/m
- Power: 23W/m, 19.2W/m, 19W/m, 9.6W/m
- Voltage: DC12V, DC24V
- Color: Dual White (2500-6000K)
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Connections:

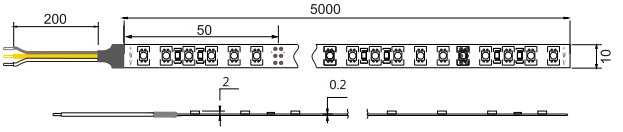


① Power supply ③ LED strips
② LED Controller ④ Amplifier

Dimension Drawings:



140LED/m Version Unit:mm



120LED/m Version Unit:mm

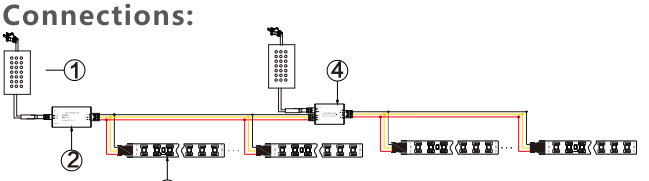
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	LED Qty (pcs/group)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F3528X70T-HA-24	SMD3528 2-in-1	CV Version	140	19W	24V	≥90	10mm	50mm	7LED	IP20/67	Dual White	2500-6000K	1750-1850	F
QL-F3528X78T-HA-24	SMD3528 2-in-1	CV Version	156	23W	24V	≥90	8mm	38.46mm	6LED	IP20/67	Dual White	2500-6000K	1700-1800	/
QL-F3528X60T-HA-12/24	SMD3528 2-in-1	CV Version	120	19.2W	12V/24V	≥90	10mm	25/50mm	6LED	IP20/67	Dual White	2500-6000K	1300-1400	/
QL-F3528X30T-HA-12/24	SMD3528 2-in-1	CV Version	60	9.6W	12V/24V	≥90	10mm	50/100mm	6LED	IP20/67	Dual White	2500-6000K	600-700	/
QL-F3528X30T-HA-24C	SMD3528 2-in-1	CC Version	60	9.6W	12V/24V	≥90	10mm	50/100mm	6LED	IP20/67	Dual White	2500-6000K	600-700	/

CRI≥90 SMD5050 Dual White LED Strips

Features:

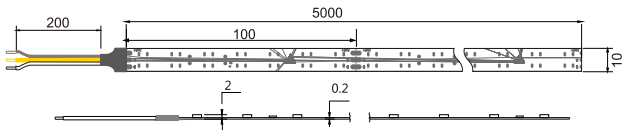
- LED: CRI≥90 SMD5050
- DC24V Constant voltage version
- LED Qty: 70LED/m, 84LED/m
- Power: 14W/m, 20W/m
- Voltage: DC12V, DC24V
- Color: Dual White (2700-6500K)
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Connections:

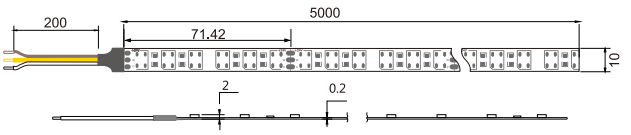


① Power supply ③ LED strips
② LED Controller ④ Amplifier

Dimension Drawings:



70LED/m Version Unit:mm



84LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	LED Qty (pcs/group)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F5050X35T-HA-12/24	SMD5050 2-in-1	CV Version	70	14W	24V	≥90	10mm	100mm	7LED	IP20/67	Dual White	2700-6000K	1450-1550	F
QL-F5050X42T-HA-12/24	SMD5050 2-in-1	CV Version	84	20W	24V	≥90	10mm	71.42mm	6LED	IP20/67	Dual White	2700-6000K	1700-1800	/

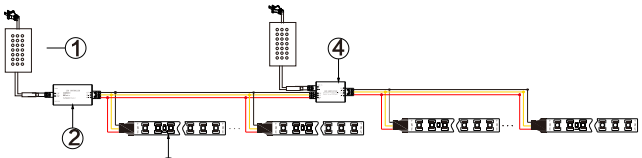
2-LED-Cut SMD2835 Dual White LED Strips

EcoDesign

Features:

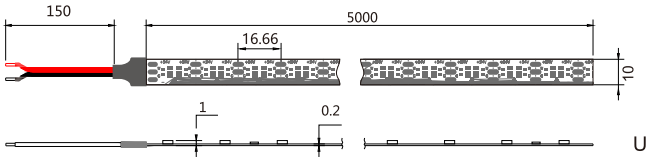
- LED: CRI≥95, CRI≥90 SMD2835
- Power: 14.4W/m, 28.8W/m
- Voltage: DC24V
- Color: 2700-6500K Dual White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Connections:



① Power supply
② LED Controller
③ LED strips
④ Amplifier

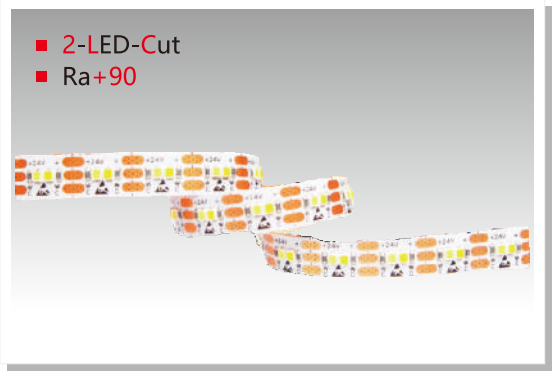
Dimension Drawings:



Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2835A60TSA-H-24-CES2P	SMD2835	CV Version	120	14.4W	24V	≥90	10mm	16.66mm 2LED	IP20	Dual White	2700-6500K	1600-1740	E
QL-F2835C60TSA-H-24-CES2P	SMD2835	CV Version	120	14.4W	24V	≥90	10mm	16.66mm 2LED	IP67	Dual White	2700-6500K	1600-1740	E
QL-F2835A60TSA-H-24-952P	SMD2835	CV Version	120	28.8W	24V	≥95	10mm	16.66mm 2LED	IP20	Dual White	2700-6000K	2450-2500	/
QL-F2835C60TSA-H-24-952P	SMD2835	CV Version	120	28.8W	24V	≥95	10mm	16.66mm 2LED	IP67	Dual White	2700-6000K	2450-2500	/

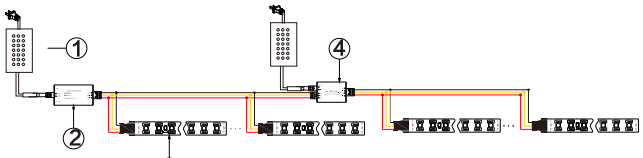
2-LED-Cut SMD2525 Dual White LED Strips



Features:

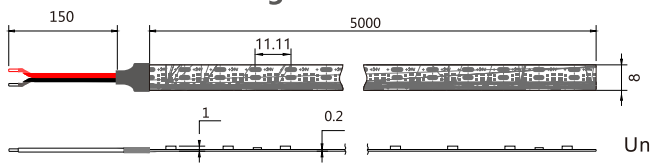
- LED: CRI≥90 SMD2525
- Power: 15.1W/m
- Voltage: DC24V
- Color: 2700-6500K Dual White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Connections:



① Power supply
② LED Controller
③ LED strips
④ Amplifier

Dimension Drawings:



Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2525A90TSA-H-24-CES2P	SMD2525	CV Version	180	15.1W	24V	≥90	8mm	11.11mm 2LED	IP20	Dual White	2700-6500K	1350-1450	F
QL-F2525C90TSA-H-24-CES2P	SMD2525	CV Version	180	15.1W	24V	≥90	8mm	11.11mm 2LED	IP67	Dual White	2700-6500K	1350-1450	F

CRI≥90 SMD2216/2016 Dual White LED Strips

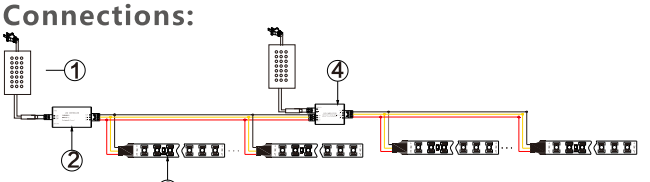
Features:

- LED: CRI≥90 SMD2016, SMD2216
- DC24V Constant voltage version
- LED Qty: 240LED/m, 252LED/m, 480LED/m, 504LED/m
- Power: 17W/m, 19.2W/m, 34W/m, 38.4W/m
- Voltage: DC24V
- Color: Dual White
- Waterproof: IP20, Ip67
- Comply with the European ErP EcoDesign regulation.

Applications:

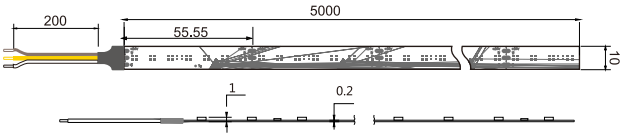
- Cove Lighting
- Architectural decorative lighting
- Archway, canopy and bridge edge lighting
- Auditorium walkway lighting
- Backlighting for signage letters
- Channel letter lighting

Connections:

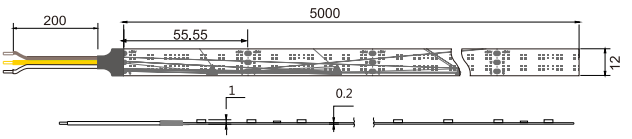


① Power supply
② LED Controller
③ LED strips
④ Amplifier

Dimension Drawings:



252LED/m Version Unit:mm



504LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2016X126TSA-H-24-CES	SMD2016	CV Version	252	17W	24V	≥90	10mm	55.55mm 14LED	IP20/67	Dual White	2700-6500K	1660-1760	F
QL-F2016X252TSA-H-24-CES	SMD2016	CV Version	504	34W	24V	≥90	12mm Double-Row	55.55mm 28LED	IP20/67	Dual White	2700-6500K	3420-3520	F
QL-F2216X126TSA-H-24-CES	SMD2216	CV Version	252	17W	24V	≥90	10mm	55.55mm 14LED	IP20/67	Dual White	2700-6500K	1660-1760	F
QL-F2216X252TSA-H-24-CES	SMD2216	CV Version	504	34W	24V	≥90	12mm Double-Row	55.55mm 28LED	IP20/67	Dual White	2700-6500K	3420-3520	F
QL-F2216X120TSA-H-12	SMD2216	CV Version	240	19.2W	12V	≥90	10mm	25mm 6LED	IP20/67	Dual White	2700-6500K	1500-1600	/
QL-F2216X120TSA-H-24	SMD2216	CV Version	240	19.2W	24V	≥90	10mm	50mm 12LED	IP20/67	Dual White	2700-6500K	1500-1600	/
QL-F2216X240TSA-H-12	SMD2525	CV Version	480	38.4W	12V	≥90	12mm Double-Row	25mm 12LED	IP20	Dual White	2700-6500K	3000-3200	/
QL-F2216X240TSA-H-24	SMD2525	CV Version	480	38.4W	24V	≥90	12mm Double-Row	50mm 24LED	IP20	Dual White	2700-6500K	3000-3200	/

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.ltage version.

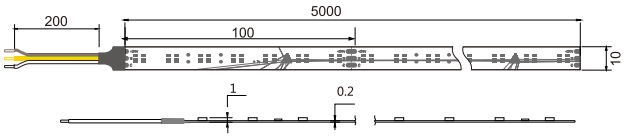
CRI≥95 SMD2835 Dual White LED Strips

EcoDesign

Features:

- LED: CRI≥95 SMD2835, CRI≥90 SMD2835
- DC24V Constant voltage version
- LED Qty: 140LED/m
- Power: 9.2W/m, 19.2W/m
- Voltage: DC24V
- Color: Dual White(2700-6500K)
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

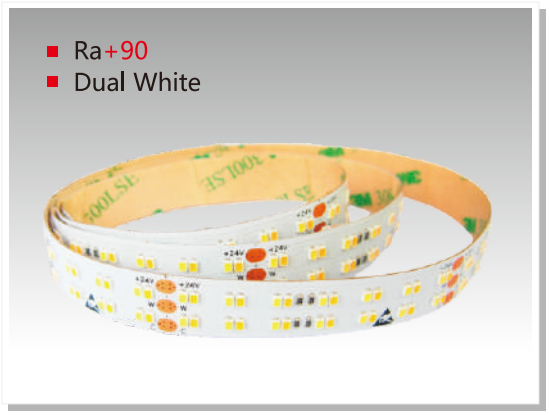
Dimension Drawings:



140LED/m Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2835A70TSA-H-24-CES QL-F2835C70TSA-H-24-CES	SMD2835	CV Version	140	9.2W	24V	≥90	10mm	100mm 14LED	IP20 IP67	Dual White	2700-6500K	1050	F
QL-F2835A70TSA-H-24 QL-F2835C70TSA-H-24	SMD2835	CV Version	140	19.2W	24V	≥90	10mm	100mm 14LED	IP20 IP67	Dual White	2700-6500K	2200	F
QL-F2835A70TSA-H-24-95 QL-F2835C70TSA-H-24-95	SMD2835	CV Version	140	19.2W	24V	≥95	10mm	100mm 14LED	IP20 IP67	Dual White	2700-6500K	2200	F

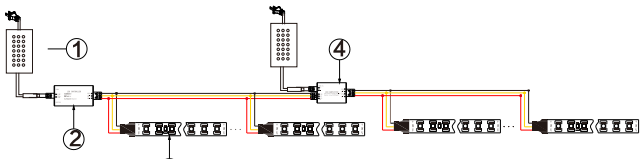
CRI≥90 SMD2525 Dual White LED Strips



Features:

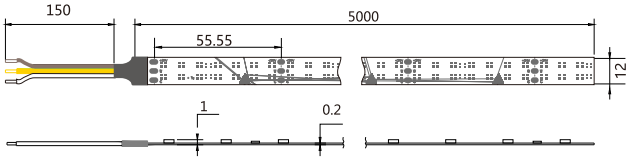
- LED: CRI≥90 SMD2525
- Power: 17W/m, 34W/m
- Voltage: DC24V
- Color: 2700-6500K Dual White
- Waterproof: IP20, IP67
- Comply with the European ErP EcoDesign regulation.

Connections:



① Power supply
② LED Controller
③ LED strips
④ Amplifier

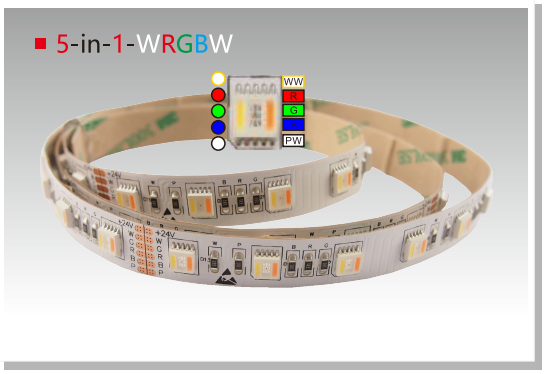
Dimension Drawings:



SMD 2525, 24V, 504LED Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage (DC)	CRI (Ra)	PCB Width	Cutting (mm)	Water proof	Color	(CT:K)	Lumen (lm/m)	Energy efficiency class
QL-F2525A126TSA-H-24-CES	SMD2525	CV Version	252	17W	24V	≥90	10mm	55.55mm 14LED	IP20	Dual White	2700-6500K	1700-1860	F
QL-F2525C126TSA-H-24-CES	SMD2525	CV Version	252	17W	24V	≥90	10mm	55.55mm 14LED	IP67	Dual White	2700-6500K	1700-1860	F
QL-F2525A252TSA-H-24-CES	SMD2525	CV Version	504	34W	24V	≥90	12mm Double-Line	55.55mm 28LED	IP20	Dual White	2700-6500K	3400-3700	F

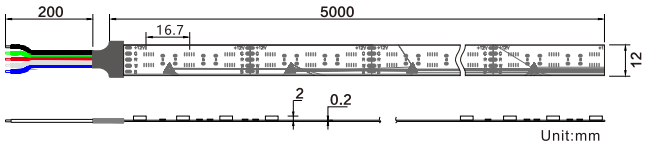
New WRGBW Strips with 5 Chips in One LED

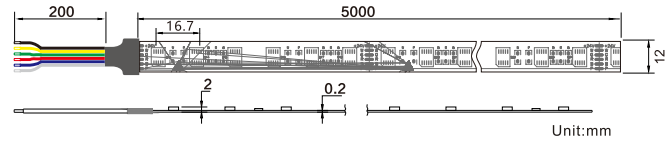


Features:

- 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

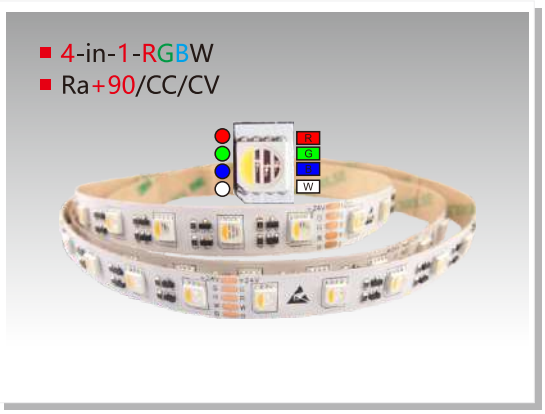
Dimension Drawings:





Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Size	Waterproof	Color	lumen (lm/pcs)
QL-F5050X30-WCW-12/24	SMD5050	CV Version	60LED/m	24W	12V/24V	12mm	IP20 IP67	2200K+RGB+2200K 2700K+RGB+2700K 3000K+RGB+3000K	RGB: 530 White: 700-750
QL-F5050X30-NCN-12/24	SMD5050	CV Version	60LED/m	24W	12V/24V	12mm	IP20 IP67	4000K+RGB+4000K	RGB: 530 White: 750-780
QL-F5050X30-PCP-12/24	SMD5050	CV Version	60LED/m	24W	12V/24V	12mm	IP20 IP67	6000K+RGB+6000K	RGB: 530 White: 800-1000
QL-F5050X30-YCY-12/24	SMD5050	CV Version	60LED/m	24W	12V/24V	12mm	IP20 IP67	Amber+RGB+Amber	RGB: 530 Amber:400-500
QL-F5050X30-WCP-12/24	SMD5050	CV Version	60LED/m	24W	12V/24V	12mm	IP20 IP67	2700K+RGB+6000K	RGB: 530 White: 800-1000

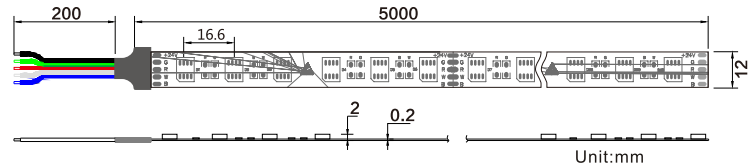
New RGBX Strips with 4 Chips in One LED



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	Water-proof	Color	Lumen (lm/m)
QL-F5050X30-CP4-12/24	SMD5050	CC&CV Version	60	19.2W	12V/24V	12mm	IP20/IP67	RGB Pure White	880-930
QL-F5050X30-CN4-12/24								RGB Nature White	850-880
QL-F5050X30-CW4-12/24								RGB Warm White	750-850
QL-F5050X30-CY4-12/24								RGB Amber	550-600
QL-F5050X36-CP4-12/24	SMD5050	CV Version	72	23W	12V/24V	12mm	IP20/IP67	RGB Pure White	1080-1120
QL-F5050X36-CN4-12/24								RGB Nature White	1020-1050
QL-F5050X36-CW4-12/24								RGB Warm White	900-1000
QL-F5050X36-CY4-12/24								RGB Amber	690-720
QL-F5050X48-CP4-24	SMD5050	CV Version	96	30W	24V	12mm	IP20/IP67	RGB Pure White	1450-1500
QL-F5050X48-CN4-24								RGB Nature White	1400-1450
QL-F5050X48-CW4-24								RGB Warm White	1350-1400
QL-F5050X48-CY4-24								RGB Amber	900-960

2835 RGB LED Flexible Strips

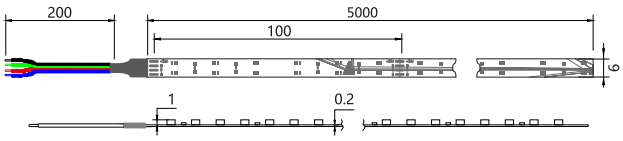
Features:

- LED: SMD2835
- Power: 17W/m, 8.5W/m
- Voltage: DC12V, DC24V
- Color: RGB Color
- Waterproof: IP20, IP67
- Cutting: 6LED cutting for DC24V version, 3LED cutting for DC12V version

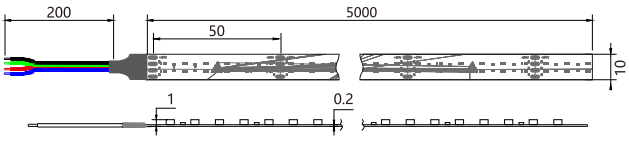
Applications:

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

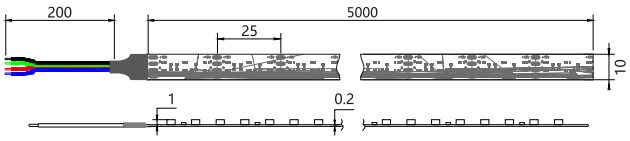
Dimension Drawings:



DC12V, 60LED Version Unit:mm



DC24V, 120LED Version Unit:mm



DC12V, 120LED Version Unit:mm

Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Cutting	Voltage	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL–F2835X30–C–24–6	2835	CV Version	60	8.5W/m	100mm	24V	6mm	IP20 IP67	RGB	620–630	75–78
QL–F2835X30–C–24–8					100mm	24V	8mm			510–525	245–252
QL–F2835X30–C–12–8					50mm	12V	8mm			620–630	55–60
QL–F2835X60–C–24–6	2835	CV Version	120	17W/m	50mm	24V	6mm	IP20 IP67	RGB	620–630	150–156
QL–F2835X60–C–24–10					50mm	24V	10mm			510–525	490–504
QL–F2835X60–C–12–10					25mm	12V	10mm			620–630	110–120

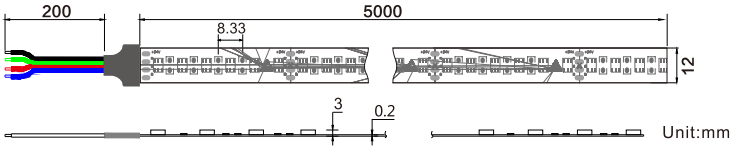
Remark: X stands for waterproof version, A stands for IP20 version, B and S stands for IP54 version, C stands for IP67 version and D stands for IP68 version
CC means Constant Current version, CV means Constant Voltage version.

SMD3535 RGB LED Strips

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:



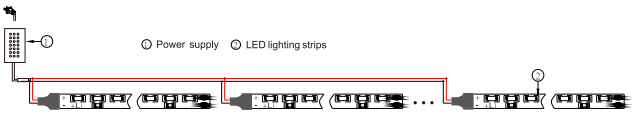
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)/ (CT:K)	Lumen (lm/m)
QL-F3535A60-C-24	SMD3535	CV Version	120	28.8W	24V	12mm	IP20	RGB	620-630 510-525 455-470	300-320 750-780 200-220

SMD335 Side View LED Strips

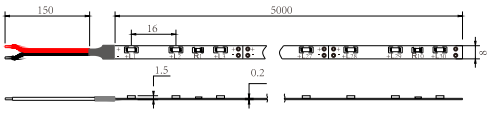
Features:

- 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

Connections:



Dimension Drawings:



60LED/m Strips

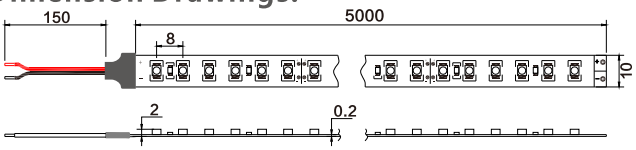
Model No.	LED Type	CC/CV	LEDQty	Power (W/m)	Voltage	PCBWidth	Water-proof	Color	λ(Nm)/ (CT:K)	Lumen (lm/m)
QL-F335X30-R-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	Red	620-630	110-120
QL-F335X30-Y-12/24	335	CV Version	60	4.8W	12V/24V	8mm	IP20/IP67	Yellow	585-595	110-120
QL-F335X30-B-12/24	335	CV 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

Infrared LED Strips

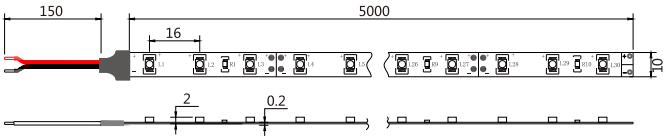
Features:

- 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: 6 LED for DC24V version, and 3LED for DC12V version

Dimension Drawings:



120LED/m CV Strips Unit:mm



60LED/m CV Strips Unit:mm

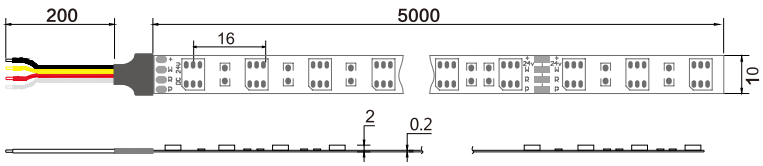
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)
QL-F3528A30-IR-12/24 QL-F3528C30-IR-12/24	SMD3528	CV Version	60LED/m	4.8W	12V/24V	10mm	IP20 IP67	Infrared Color	840-845nm
QL-F3528A60-IR-12/24 QL-F3528C60-IR-12/24	SMD3528	CV Version	120LED/m	9.6W	12V/24V	10mm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

Fresh Food Lighting LED Strips

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-F5050X30-F-12/24	SMD5050	CV Version	60	12V/24V	IP20/IP67	14.4W	10mm	WW+PW+Red	6000K, 2700K, 620-630	900-1000

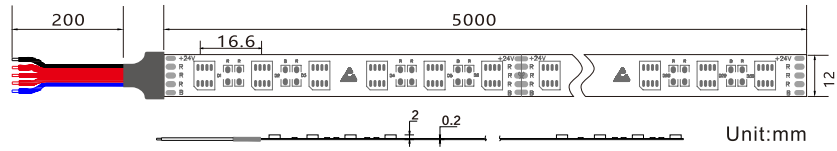
Remark: X stands for waterproof version, A stands for IP20 version, C stands for IP67 version

Color Ratio Adjustable Plant-Grow LED Strips

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:



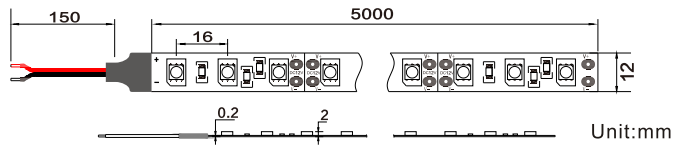
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL-F5050A30-GL4-12/24 QL-F5050C30-GL4-12/24	SMD5050	CV Version	60	19.2W	12V/24V	12mm	IP20 IP67	Grow Light	Red:660-665nm Blue: 450-455nm	400-500

Plant-Grow LED Strips

Features:

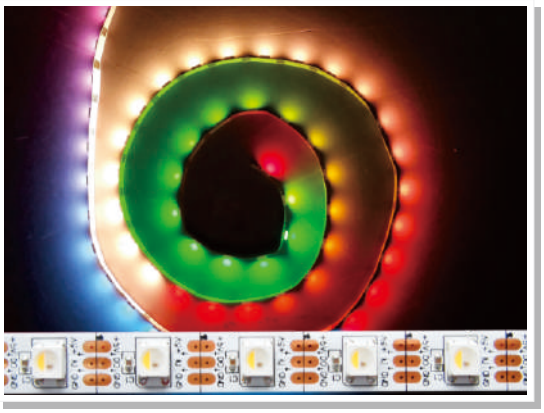
- LED: SMD5050 LED
- Constant voltage version
- LED Qty: 60LED/m
- Power: 14.4W/m
- Voltage: DC12V, DC24V
- Color: Red: 660-665nm, Blue: 450-455nm
- Waterproof: IP20, IP67
- Cutting: 6LED for DC24V version, and 3LED for DC12V version

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	330
QL-F5050X30-R5B1-12/24								Grow Light R:B=5:1		340
QL-F5050X30-R9B1-12/24								Grow Light R:B=9:1		350

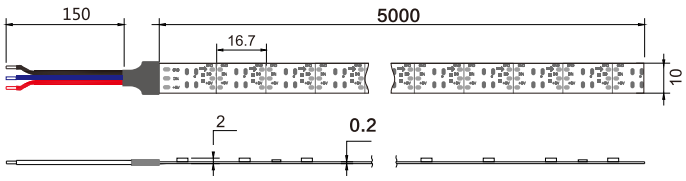
RGBX SMD5050 Digital LED Strips



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

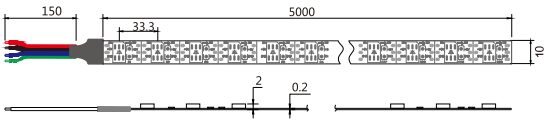
Model No.	LED Type	CC/CV	LED Qty	Power (W/m)	Voltage	PCB Width	Water-proof	Color	λ (Nm)/(CT:K)
QL-F5050X15-CP4-5	SMD5050	CV Version	30	9W	5V	10mm	IP20 IP67	RGB+PW Dream	620-630 510-525 455-470 2700K
QL-F5050X15-CN4-5								RGB+NW Dream	620-630 510-525 455-470 4000K
QL-F5050X15-CW4-5								RGB+WW Dream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

WS 2811 Digital Strips with IC inside LED

Features:

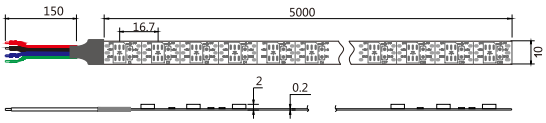
- LED: SMD5050
- LED Quantity: 30LED/m, 60LED/m
- Power: 9W/m, 18W/m
- Voltage: DC5V
- Color: Dream Color
- Waterproof: IP20, IP67
- Cutting: 1LED Cutting for DC5V

Dimension Drawings:



30LED/m Strips

Unit:mm

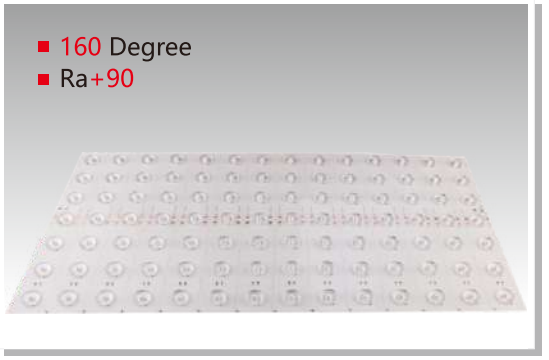


60LED/m Strips

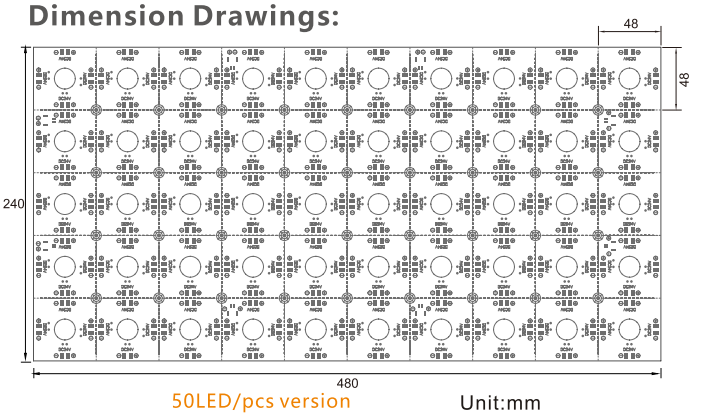
Unit:mm

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



Dimension Drawings:



50LED/pcs version Unit:mm

Features:

- Degree: 160 degree
- LED: CRI ≥90 SMD2835
- Constant Voltage Version
- Size: 480*240mm/pcs
- Power: 34W/pcs, 36W/pcs
- LED Qty: 98LED/pcs, 50LED/pcs
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20 Version

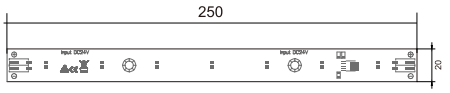
Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Size	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/pcs)
QL-M2835A98-W-24	SMD2835	CV Version	98LED/pcs	34W	24V	480*240mm	IP20	Warm White	2700/3000K	3050-3100
QL-M2835A98-N-24								Nature White	3900-4200K	3100-3200
QL-M2835A98-P-24								Pure White	6000-6500K	3200-3300
QL-M2835A50-W-24	SMD2835	CV Version	50LED/pcs	36W	24V	480*240mm	IP20	Warm White	2700/3000K	3050-3100
QL-M2835A50-N-24								Nature White	3900-4200K	3100-3200
QL-M2835A50-P-24								Pure White	6000-6500K	3200-3300

160 Degree SMD2835 Back Light Bar

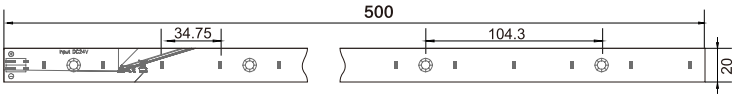
Features:

- Degree: 160 degree
- LED: CRI≥90 High Power SMD2835
- Constant Voltage 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:



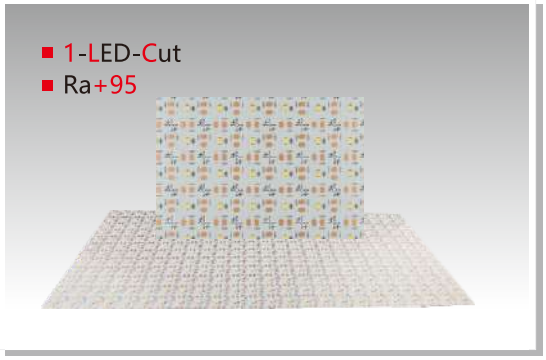
250mm Back Light Bar Unit:mm



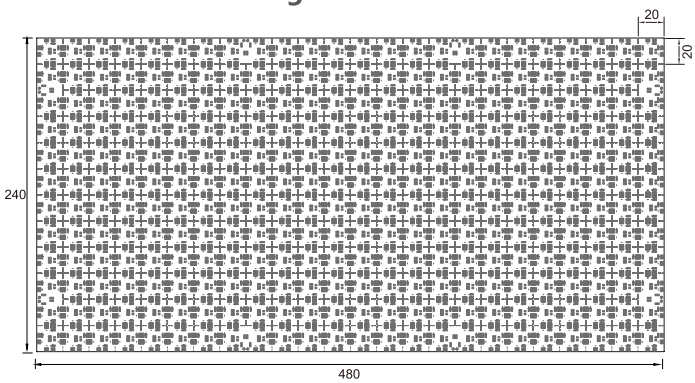
500mm Back Light Bar Unit:mm

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-24	SMD2835	CV Version	7	7.2W	24V	≥90	250*20*1.6	IP20	Warm White	3000-3500K	520-550
QL-M2835A07-N-24									Nature White	4000-4500K	550-5800
QL-M2835A07-P-24									Pure White	6000-6500K	580-600
QL-M2835A14-W-24	SMD2835	CV Version	14	14.4W	24V	≥90	500*20*1.6	IP20	Warm White	3000-3500K	1050-1100
QL-M2835A14-N-24									Nature White	4000-4500K	1100-1050
QL-M2835A14-P-24									Pure White	6000-6500K	1150-1200

1-LED-Cut SMD2835 Flexible Back Light Module



Dimension Drawings:



288LED/pcs version

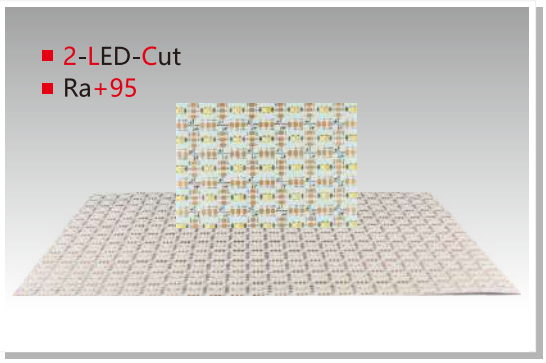
Unit:mm

Features:

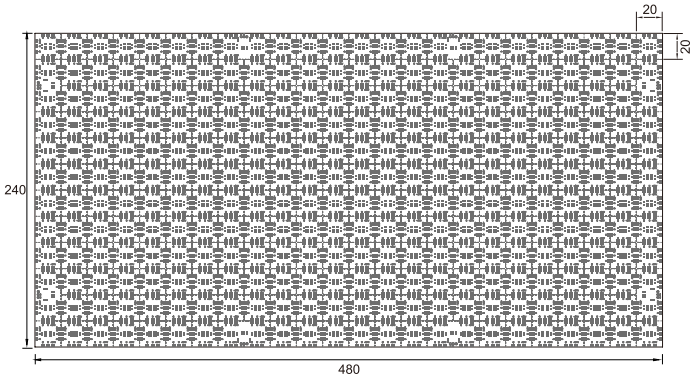
- 1-LED-Cut
- LED: CRI≥95 SMD2835
- Constant Voltage Version
- Size: 480*240mm/pcs
- Power: 60W/pcs,36W/pcs,16W/pcs
- LED Qty: 288LED/pcs,162LED/pcs, 72LED/pcs
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20 Version

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	CRI(Ra)	PCB Size	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/pcs)
QL–M2835A288–W–24–951P	SMD2835	CV Version	288LED	60W	24V	≥95	480*240mm	IP20	Warm White	2700/3000K	5800–6000
QL–M2835A288–N–24–951P									Nature White	3900–4200K	6000–6100
QL–M2835A288–P–24–951P									Pure White	6000–6500K	6100–6300
QL–M2835A162–W–24–951P	SMD2835	CV Version	162LED	36W	24V	≥95	480*240mm	IP20	Warm White	2700/3000K	3100–3200
QL–M2835A162–N–24–951P									Nature White	3900–4200K	3200–3300
QL–M2835A162–P–24–951P									Pure White	6000–6500K	3300–3400
QL–M2835A72–W–24–951P	SMD2835	CV Version	72LED	16W	24V	≥95	480*240mm	IP20	Warm White	2700/3000K	1400–1450
QL–M2835A72–N–24–951P									Nature White	3900–4200K	1450–1500
QL–M2835A72–P–24–951P									Pure White	6000–6500K	1500–1550

Dual-White SMD2835 Flexible Back Light Module



Dimension Drawings:



576LED/pcs version

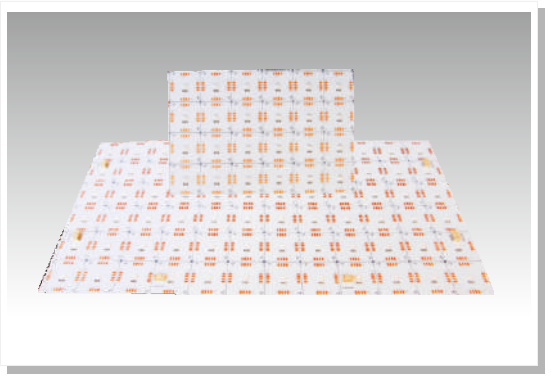
Unit:mm

Features:

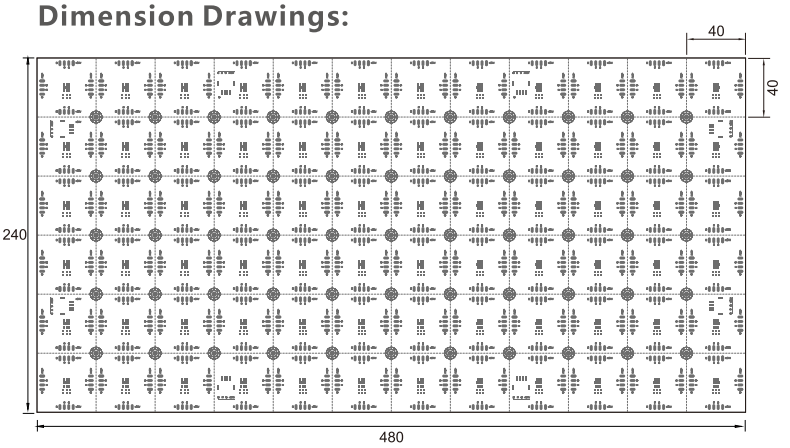
- 1-LED-Cut
- LED: CRI≥95 SMD2835
- Constant Voltage Version
- Size: 480*240mm/pcs
- Power: 120W/pcs
- LED Qty: 576lLED/pcs
- Voltage: DC24V
- Color: Warm White, Nature White, Pure White
- Waterproof: IP20 Version

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	CRI(Ra)	PCB Size	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/pcs)
QL-M2835A576-TH-24-952P	SMD2835	CV Version	576LED	120W	24V	≥95	480*240mm	IP20	Dual White	2700–6000K	10000–12000
QL–M2835A324–TH–24–952P	SMD2835	CV Version	324LED	72W	24V	≥95	480*240mm	IP20	Dual White	2700–6000K	6600–6800

1-LED-Cut RGB Back Light Soft Module



Dimension Drawings:



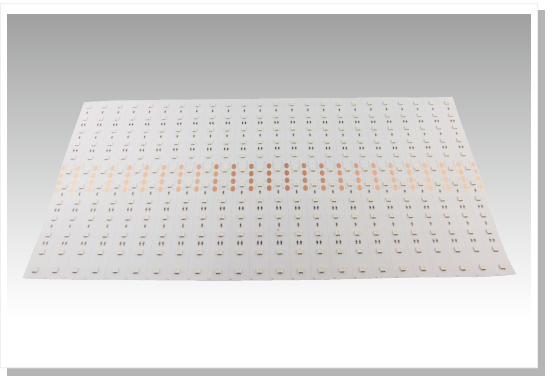
Unit:mm

Features:

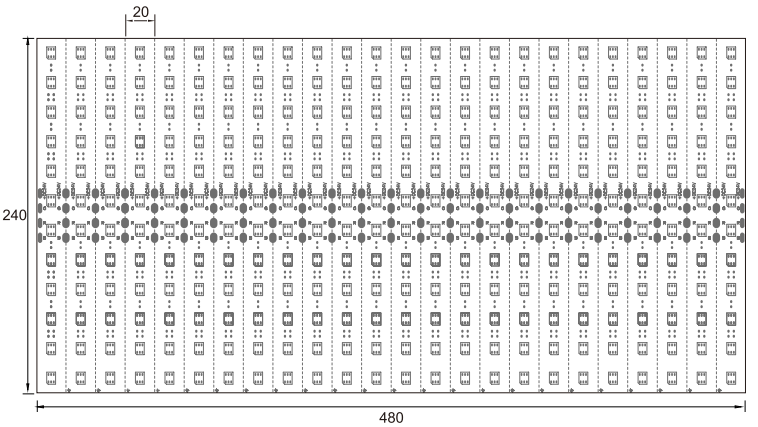
- Degree: 120 degree
- LED: SMD5050
- Constant Voltage
- Size: 480*240mm/pcs
- Power: 45W
- LED Qty: 72LED
- Voltage: DC24V
- Color: RGB
- Waterproof: IP20

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Width	Cutting (mm)	Waterproof	Color	λ (Nm)/(CT:K)	lumen (lm/m)
QL-M5050A72-C-24-1P	SMD5050	CV Version	72LED	45W	24V	480*240mm	40*40mm	IP20	RGB	620-630 520-525 460-465	R: 580lm G:1300lm B:250lm

RGB Back Light Soft Module



Dimension Drawings:



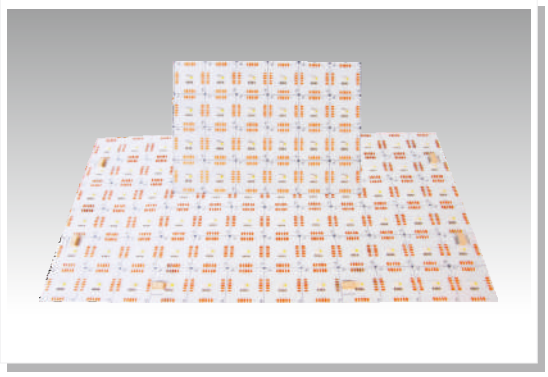
Unit:mm

Features:

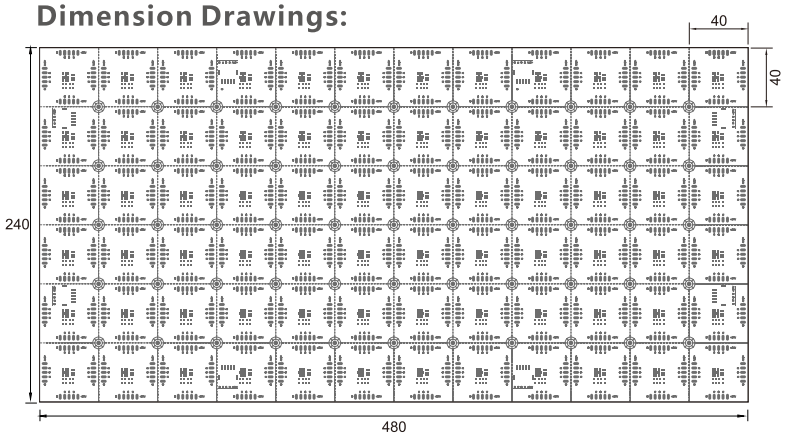
- Degree: 120 degree
- LED: SMD5050
- Constant Voltage
- Size: 480*240mm/pcs
- Power: 65W
- LED Qty: 288LED
- Voltage: DC24V
- Color: RGB
- Waterproof: IP20

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

1-LED-Cut RGBW Back Light Soft Module



Dimension Drawings:



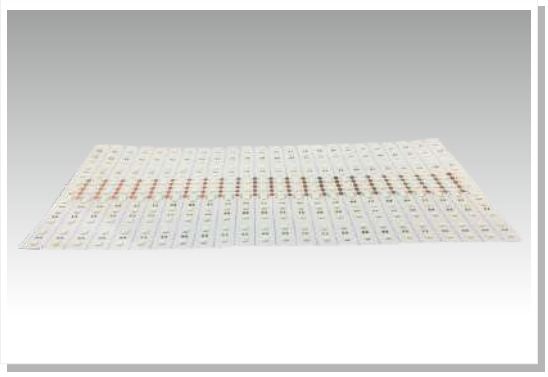
Unit:mm

Features:

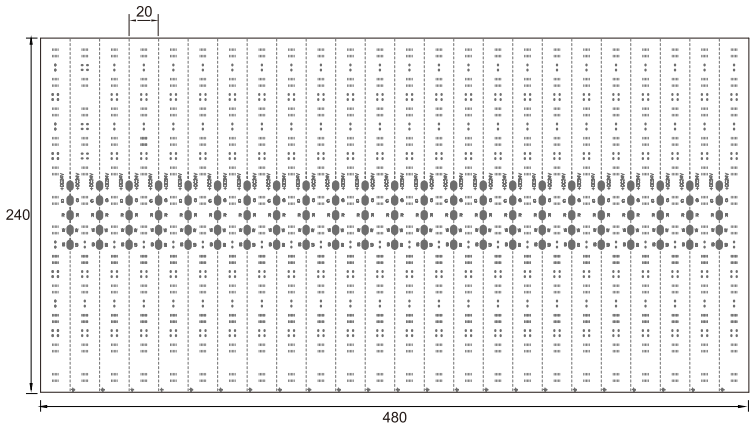
- Degree: 120 degree
- LED: SMD5050
- Constant Voltage
- Size: 480*240mm/pcs
- Power: 60W
- LED Qty: 144LED
- Voltage: DC24V
- Color: RGBW
- Waterproof: IP20

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Width	Cutting (mm)	Waterproof	Color	lumen (lm/m)
QL-M5050A144-CW-24-1P	SMD5050	CV Version	144LED	60W	24V	480*240mm	40*40mm	IP20	RGB+2700K RGB+3000K	RGB: 1900 White: 1750
QL-M5050A144-CN-24-1P	SMD5050	CV Version	144LED	60W	24V	480*240mm	40*40mm	IP20	RGB+4000K	RGB: 2000 White: 1850
QL-M5050A144-CP-24-1P	SMD5050	CV Version	144LED	60W	24V	480*240mm	40*40mm	IP20	RGB+6500K	RGB: 2100 White: 1950

RGBW Back Light Soft Module



Dimension Drawings:



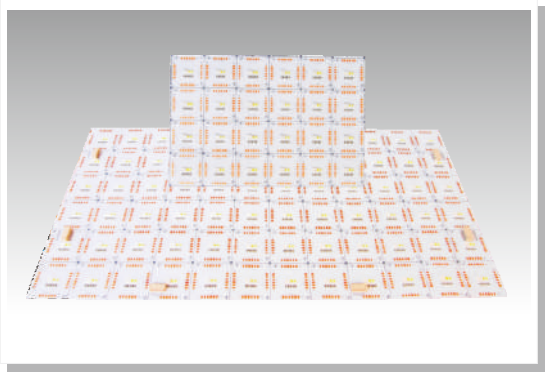
Unit:mm

Features:

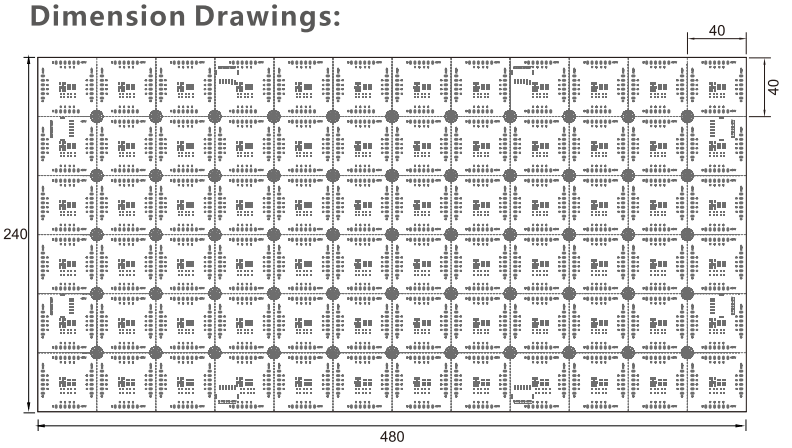
- Degree: 120 degree
- LED: SMD5050
- Constant Voltage
- Size: 480*240mm/pcs
- Power:115W
- LED Qty: 288LED
- Voltage: DC24V
- Color: RGBW
- Waterproof: IP20

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Width	Waterproof	Color	lumen (lm/m)
QL-M5050A144-WCW-24	SMD5050	CV Version	288LED	115W	24V	480*240mm	IP20	2200K+RGB+2200K 2700K+RGB+2700K 3000K+RGB+3000K	RGB: 2400 White: 3400-3600
QL-M5050A144-NCN-24	SMD5050	CV Version	288LED	115W	24V	480*240mm	IP20	4000K+RGB+4000K	RGB: 2400 White: 3600-3800
QL-M5050A144-PCP-24	SMD5050	CV Version	288LED	115W	24V	480*240mm	IP20	6000K+RGB+6000K	RGB: 2400 White: 3800-4000

1-LED-Cut RGB+CCT Back Light Soft Module



Dimension Drawings:



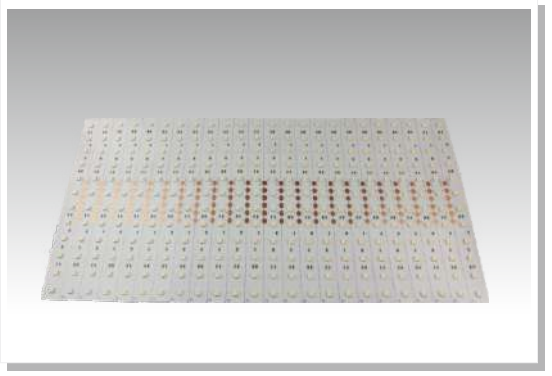
Unit:mm

Features:

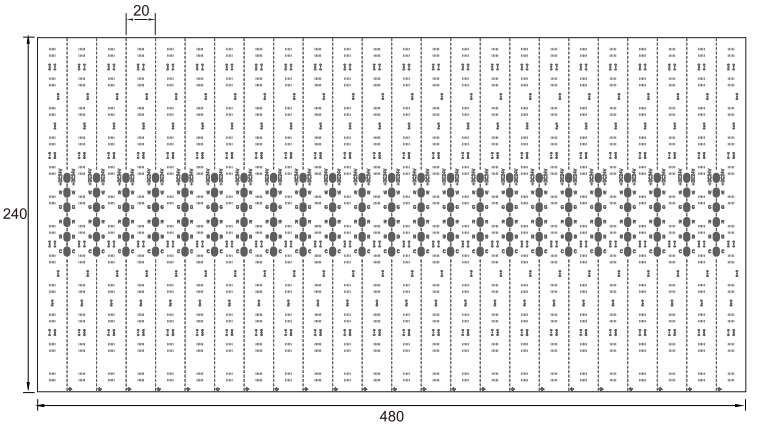
- Degree: 120 degree
- LED: SMD5050
- Constant Voltage
- Size: 480*240mm/pcs
- Power: 75W
- LED Qty: 216LED
- Voltage: DC24V
- Color: WRGBW
- Waterproof: IP20

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Width	Cutting (mm)	Waterproof	Color	lumen (lm/m)
QL-M5050A216-WCP-24-1P	SMD5050	CV Version	216LED	75W	24V	480*240mm	40*40mm	IP20	2700K+RGB+6500K	R: 580 G: 1300 B: 250 2700K: 1750 6500K: 1950

RGB+CCT Back Light Soft Module



Dimension Drawings:



Unit:mm

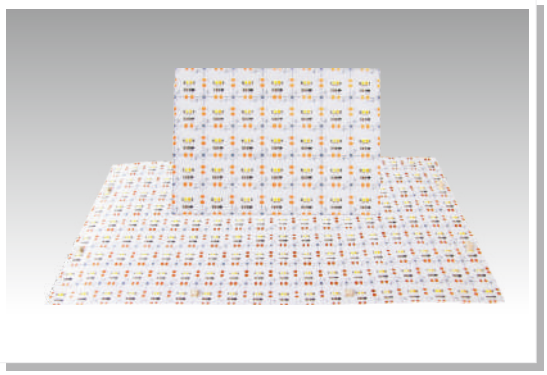
Features:

- Degree: 120 degree
- LED: SMD5050
- Constant Voltage
- Size: 480*240mm/pcs
- Power:115W
- LED Qty: 288LED
- Voltage: DC24V
- Color: RGB+CCT
- Waterproof: IP20

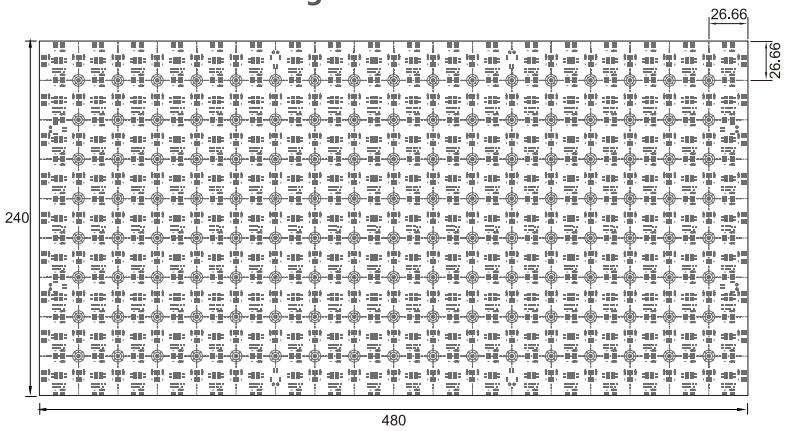
Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Width	Waterproof	Color	lumen (lm/m)
QL-M5050A288-WCP-24	SMD5050	CV Version	288LED	115W	24V	480*240mm	IP20	2400K+RGB+6000K	RGB: 2400 White: 4500-4600

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.

1-LED-Cut Dim-to-Warm Back Light Soft Module



Dimension Drawings:



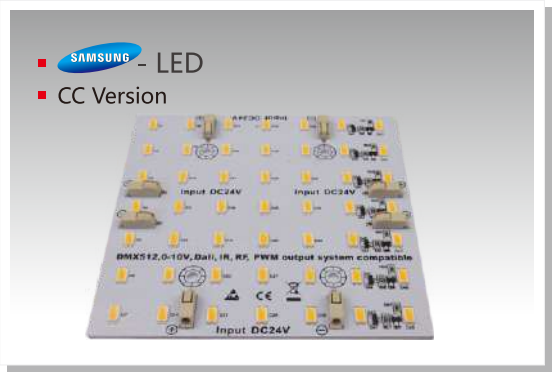
Unit:mm

Features:

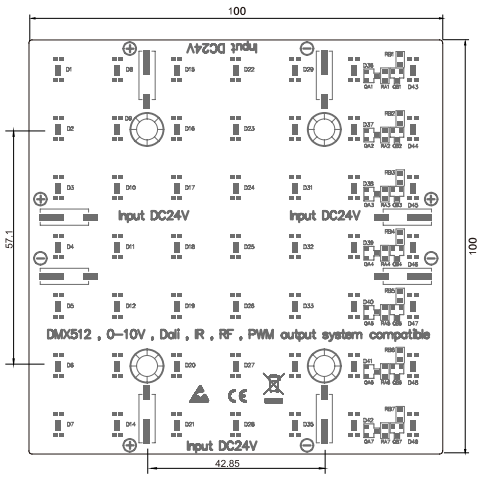
- Degree: 120 degree
- LED: SMD2835
- Constant Voltage
- Size: 480*240mm/pcs
- Power: 72W
- LED Qty: 324LED
- Voltage: DC24V
- Color: 1800-2800K (Dim-to-Warm)
- Waterproof: IP20

Model No.	LED Type	CC/CV	LED Qty	Power (W/pcs)	Voltage	PCB Width	Cutting (mm)	Waterproof	Color	lumen (lm/m)
QL-M2835A324-DTW-24-902P	SMD2835	CV Version	324LED	72W	24V	480*240mm	40*40mm	IP20	Dim-to-Warm 1800-2800K	6000-6500

SAMSUNG LED SMD5630 LED Module



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
QL-M5630A49-N-24C-SG2									Nature White	4000-4500K	1200-1300
QL-M5630A49-P-24C-SG2									Pure White	6000-6500K	1300-1400