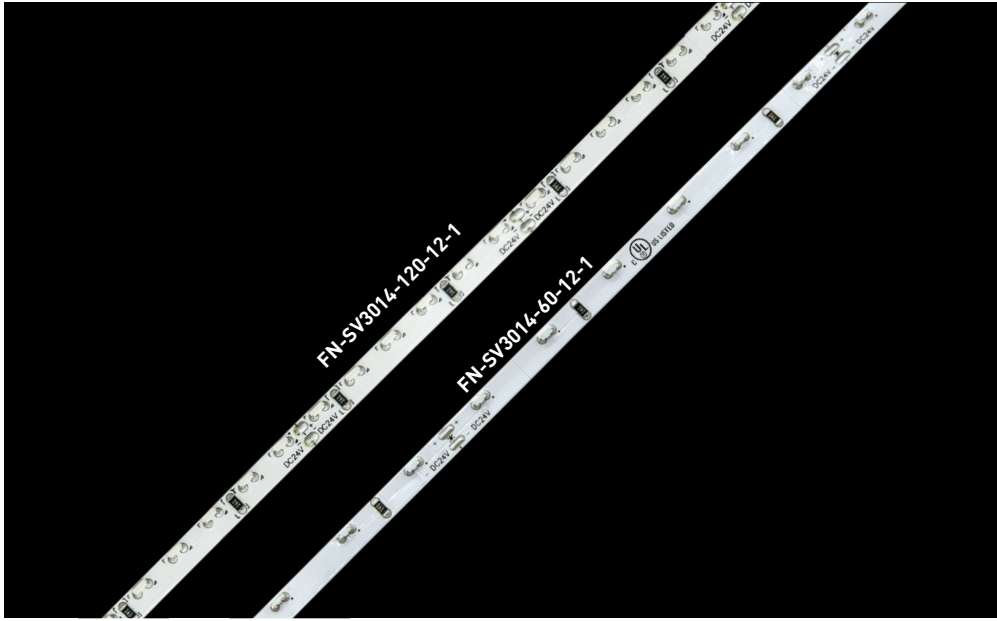
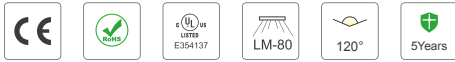


SIDE EMITTING SERIES (SINGLE ROW LED)

FN-SV3014





CCT Available



Features

- 3014 Side emitting diode adopted, a more reliable and brighter choice than SMD335
- As light emit beams sideways is excellent for edge highlighting, signage, behind pictures/mirrors, shelves and plinths
- Ra>80 and Ra>90 available
- Various color options: Red, Blue, Green, Yellow, Orange
- Waterproof: Waterproof: IP64 (Spray Glue Coated), IP67 (Tube Water proof)
- Dimmable: DMX512, Dali, 0-10V, Casambi available

Optical & Electrical Parameters

CRI:80+

FN-SV3014-60-12/24-W-1				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
12/24V DC	2700K	340	71	4.8
	3000K	380	79	
	4000K	465	97	
	5000K	472	98	
	6500K	433	90	

FN-SV3014-60-12/24-R/G/B/Y/O-1				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
12/24V DC	R	129	/	4.8
	G	281	/	
	B	58	/	
	Y	131	/	
	O	132	/	

FN-SV3014-120-12/24-W-1				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
12/24V DC	2700K	702	73	9.6
	3000K	715	74	
	4000K	788	82	
	5000K	793	82	
	6500K	802	83	

FN-SV3014-120-12/24-R/G/B/Y/O-1				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
12/24V DC	R	260	/	9.6
	G	570	/	
	B	120	/	
	Y	265	/	
	O	270	/	

Other Parameters

Model No.	LED QTY (pcs/m)	Min Cuttable Length	Max Run (Single Feed)	Working Temperature	Storage Temperature
FN-SV3014-60-12-W/R/G/B/Y/O-1	60	50mm	2.5m	-20~+60°C	-20~+70°C
FN-SV3014-60-24-W/R/G/B/Y/O-1	60	100mm	7.0m		
FN-SV3014-120-12-W/R/G/B/Y/O-1	120	25mm	2.0m		
FN-SV3014-120-24-W/R/G/B/Y/O-1	120	50mm	3.0m		

NOTE:

- The above data were measures under standard conditions and actual data may be different. We would update data without further notice.
- The luminous flux is tested while the corresponding-color products were lightened.
- UL max run refers to operating length at UL class II @100W.24V.
- Luminous flux values were measured accordance to IES LM-80-08. LED chips with range tolerance of +/- 10%.
- Each maximum-run requires a dedicated power feed from the driver. Do not extend exceed the recommended maximum run length. Max run may exceed Class 2 limits.
- Actual wattage may be different from the calculated wattage due to voltage drop while using.
- Actual efficacy value is determined by the specific LED driver (power supply). An estimated efficacy value can be calculated as follows: Luminous intensity divided by average power consumption.
- Do not install products in the conditions that exceed the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, luminous intensity output, and/or adversely impact color consistency.
- Operating temperature was measured under the minimum and maximum ambient temperature environment.
- Cutting segment are marked on the profile below.

Performance

- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Blueview 's TUV Innovation Lab.

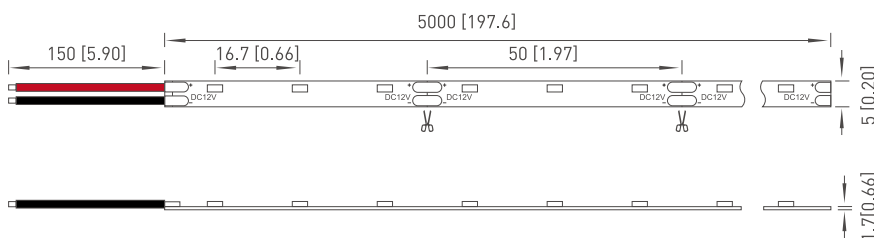
Compliance & Regulatory Approvals

CE	CE LVD	Standard: EN 60598-2-21: 2015; EN 60598-1: 2015; EN 62471: 2008; EN 62493:2015; EN 62031: 2015+A1: 2013+A2: 2015
CE	CE EMC	Standard: EN IEC 55015: 2019; EN IEC 61000-3-2: 2019; EN 61000-3-3:2013+A1: 2019;EN 61547: 2009
CB	CB	Standard: IEC 62031:2018
UL LISTED	UL LISTED	Standard: UL 2108 E354137-Low-voltage Lighting Systems, Power Units, Luminaires and Fittings
RoHS	RoHS	Standard: IEC62321

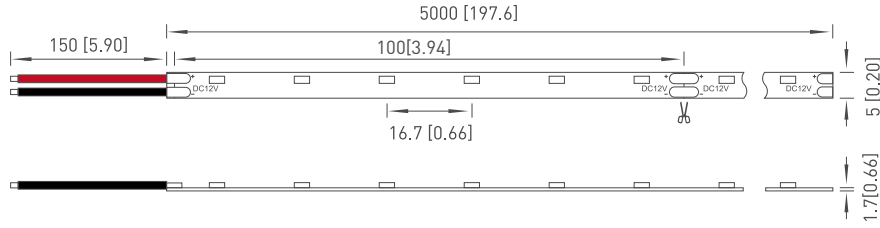
Profile Drawings

Unit: mm [inch]

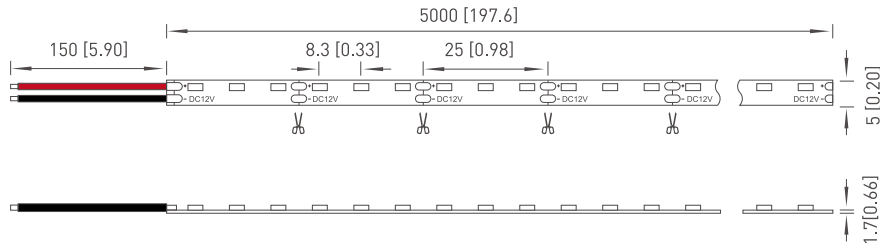
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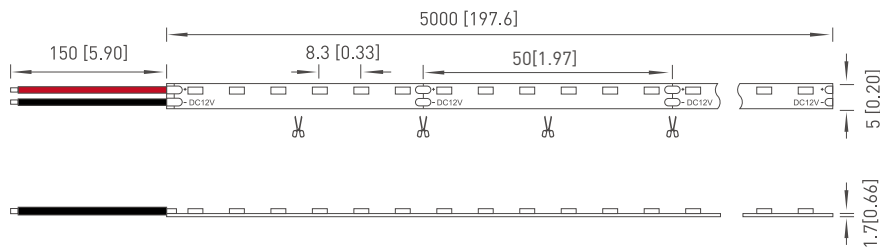
FN-SV3014-60-24-W/R/G/B/Y/O-1



FN-SV3014-120-12-W/R/G/B/Y/O-1



FN-SV3014-120-24-W/R/G/B/Y/O-1



Note:

- For LED quantity less than 160leds/m with standard power, we recommend to use 20AWG parallel wire/sheathed cable with wire length less than 20cm, user need to reduce the max run when the wire length more than 20cm.
- For LED quantity more than 160leds/m with standard power, we recommend to use 18AWG parallel wire/sheathed cable in single feed, or 20AWG parallel wire or sheathed cable in both ends with wire length less than 20cm. Users need to reduce the max run properly when the wire length more than 20cm.
- Above conditions are only applicable to products with the PCB width of 10mm or more, for other width needs to be evaluated separately.

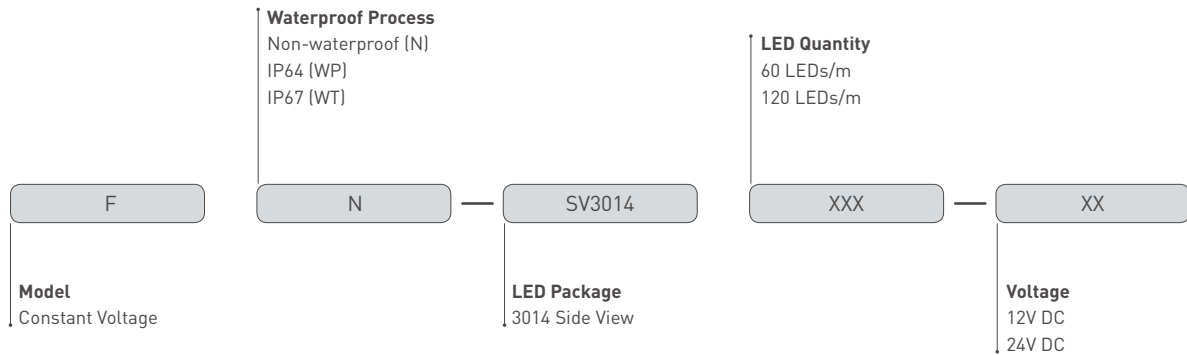
Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
FN-SV3014-60-12/24-W/R/G/B/Y/O-1	5000*5	550*400*340	5	140	5.4 (1±10%)	11.6 (1±10%)
FN-SV3014-120-12/24-W/R/G/B/Y/O-1	5000*5	550*400*340	5	140	6.1 (1±10%)	12.4 (1±10%)

NOTE:

- The above quantity and weight are only for the illustrated packaging method. There will be differences in the quantity and weight with other packaging methods.
- The gross weights of all above model are less than volume weight, the volume weight is 14.96kg.

Ordering Code



Note: for more info about waterproof process, please refer to the waterproof instruction.

Recommended power supply upon working length

FN-SV3014-60-12-W-1	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	4.8	9.6	14.4	19.2	24.0

FN-SV3014-60-24-W-1	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	4.8	9.6	14.4	19.2	24.0

FN-SV3014-120-12-W-1	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	9.6	19.2	27.8	38.4	48.0

FN-SV3014-120-24-W-1	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	9.6	19.2	27.8	38.4	48.0

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