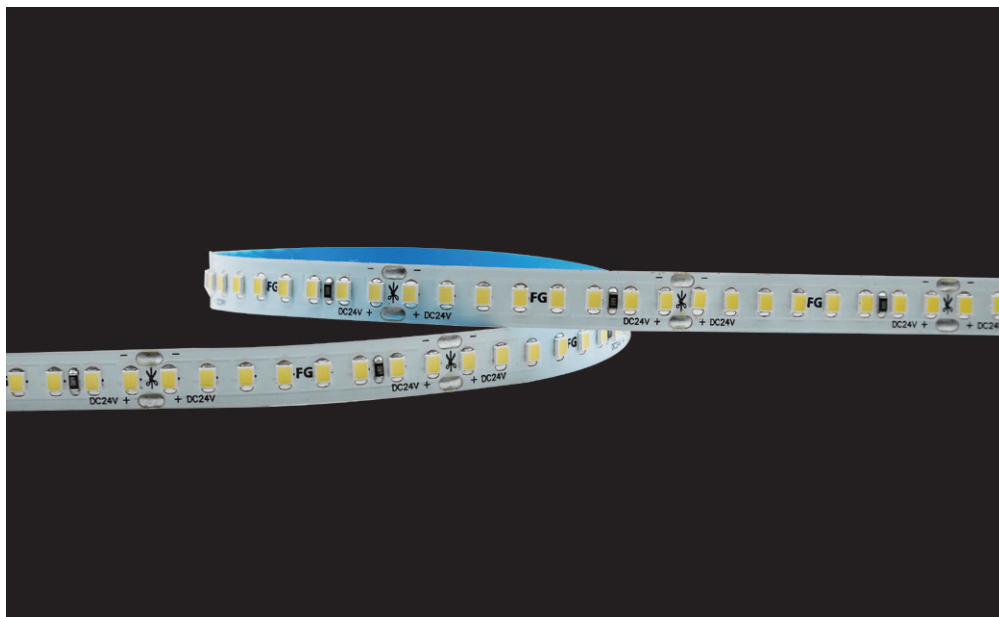


LOKI SERIES STRIP LIGHT

FN-H2835L-XXX-XX





CCT Available



Features

- High efficacy up to 150lm/w, CRI 80+
- CCT range 2,200K-12,000K
- Multiple options can meet various application
- Warranty: 3year
- Waterproof: IP64 (Spray Glue Coated), IP65 (Thick Glue Coated), IP67 (Tube Water proof), IP68 (Glue Tube /Silicone Tube Waterproof)
- Mounting: double-side thermal conductive adhesive tape or 9080H 3M self adhesive tape
- Dimmable: PWM, 0-10V, DALI, DMX available

Optical & Electrical Parameters

CRI: 80+

FN-H2835L-64-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	922	120	7.68
	2400-2600K	991	129	
	2600-2850K	1029	134	
	2800-3200K	1083	141	
	3300-3700K	1137	148	
	3900-4300K	1137	148	
	4800-5300K	1137	148	
	6200-7200K	1106	144	
	8000-12000K	1021	133	

FN-H2835L-80-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	1152	120	9.60
	2400-2600K	1248	130	
	2600-2850K	1315	137	
	2800-3200K	1354	141	
	3300-3700K	1421	148	
	3900-4300K	1421	148	
	4800-5300K	1421	148	
	6200-7200K	1392	145	
	8000-12000K	1277	133	

FN-H2835L-128-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	1382	120	11.52
	2400-2600K	1521	132	
	2600-2850K	1601	139	
	2800-3200K	1636	142	
	3300-3700K	1693	147	
	3900-4300K	1693	147	
	4800-5300K	1693	147	
	6200-7200K	1670	145	
	8000-12000K	1544	134	

FN-H2835L-160-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	1728	120	14.40
	2400-2600K	1901	132	
	2600-2850K	2002	139	
	2800-3200K	2045	142	
	3300-3700K	2146	149	
	3900-4300K	2146	149	
	4800-5300K	2174	151	
	6200-7200K	2102	146	
	8000-12000K	1958	136	

FN-H2835L-240-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	2419	112	21.60
	2400-2600K	2657	123	
	2600-2850K	2851	132	
	2800-3200K	2894	134	
	3300-3700K	3046	141	
	3900-4300K	3110	144	
	4800-5300K	3089	143	
	6200-7200K	3024	140	
	8000-12000K	2830	131	

FN-H2835L-288-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	2903	112	25.92
	2400-2600K	3188	123	
	2600-2850K	3421	132	
	2800-3200K	3473	134	
	3300-3700K	3655	141	
	3900-4300K	3732	144	
	4800-5300K	3707	143	
	6200-7200K	3629	140	
	8000-12000K	3396	131	

FN-H2835L-416-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	4193	112	37.44
	2400-2600K	4605	123	
	2600-2850K	4942	132	
	2800-3200K	5017	134	
	3300-3700K	5279	141	
	3900-4300K	5391	144	
	4800-5300K	5354	143	
	6200-7200K	5242	140	
	8000-12000K	4905	131	

FN-H2835L-432-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2200-2400K	4666	120	38.88
	2400-2600K	4977	128	
	2600-2850K	5210	134	
	2800-3200K	5560	143	
	3300-3700K	5871	151	
	3900-4300K	5832	150	
	4800-5300K	5871	151	
	6200-7200K	5676	146	
	8000-12000K	5288	136	

Other Parameters

Model No.	LED QTY (pcs/m)	Min Cuttable Length	No Brightness Difference MAX	UL Max Run	Working Temperature	Storage Temperature
FN-H2835L-64-24	64	125mm	6m	10m	-20~+60°C	-20~+70°C
FN-H2835L-80-24	80	100mm	5m	8m		
FN-H2835L-128-24	128	62.5mm	4.5m	6.5m		
FN-H2835L-160-24	160	50.0mm	4m	5m		
FN-H2835L-240-24	240	33.3mm	4m	3.5m		
FN-H2835L-288-24	288	83.33mm	5m	3m		
FN-H2835L-416-24	416	38.46mm	6m	2m		
FN-H2835L-432-24	432	18.50mm	4m	2m		






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.

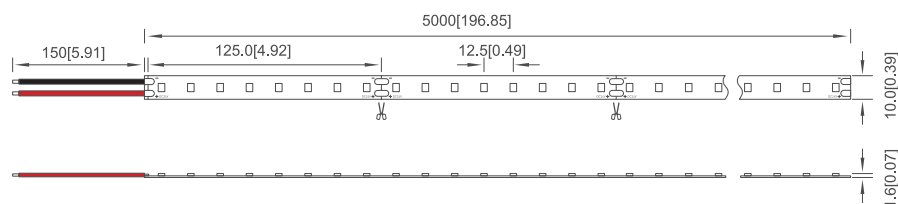
Compliance & Regulatory Approvals

	CE 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 EMC	Standard: EN IEC 55015: 2019; EN IEC 61000-3-2: 2019; EN 61000-3-3:2013+A1: 2019;EN 61547: 2009
	CB	Standard: IEC 62031:2018
	UL LISTED	Standard: UL 2108 E354137-Low-voltage Lighting Systems, Power Units, Luminaires and Fittings
	ROHS	Standard: IEC62321

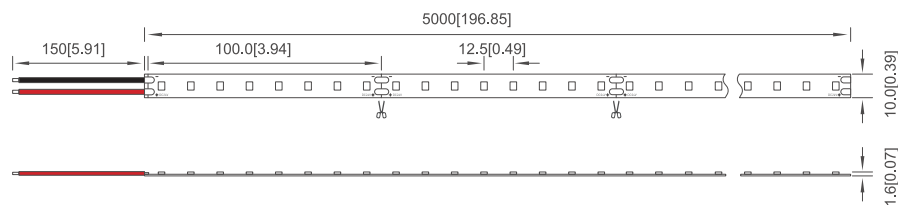
Profile Drawings

Unit: mm [inch]

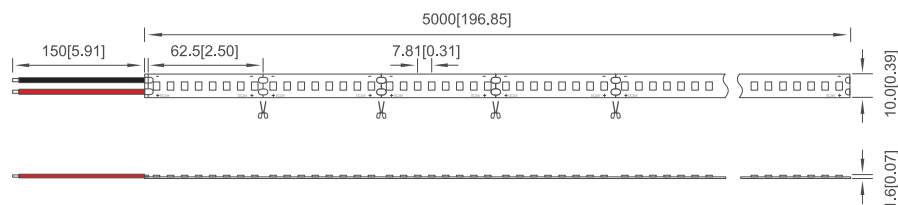
FN-H2835L-64-24



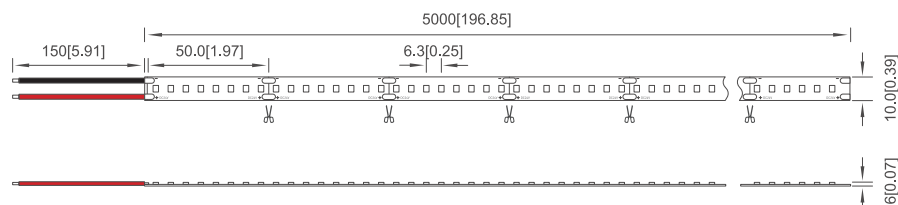
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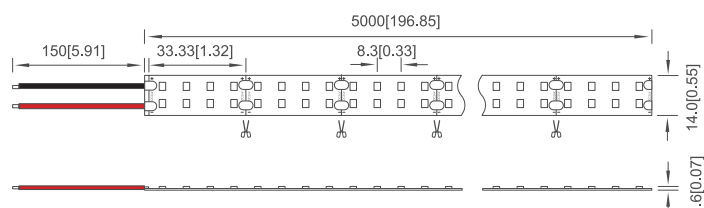
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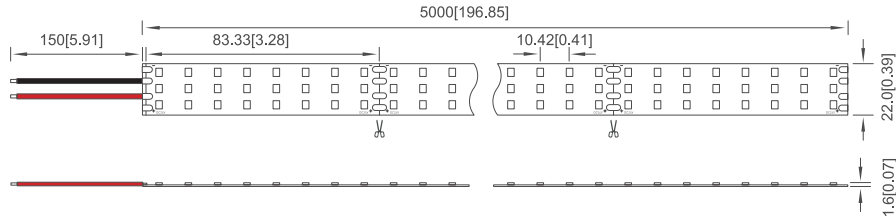
FN-H2835L-160-24



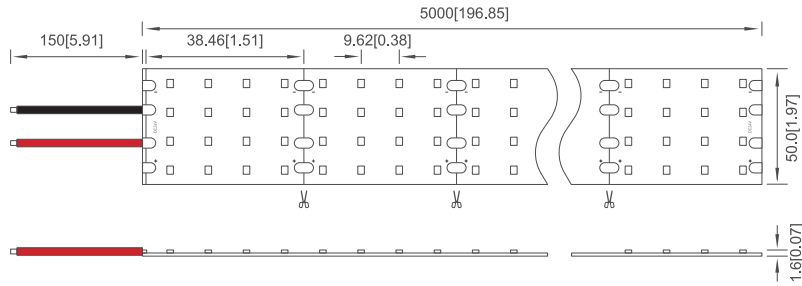
FN-H2835L-240-24



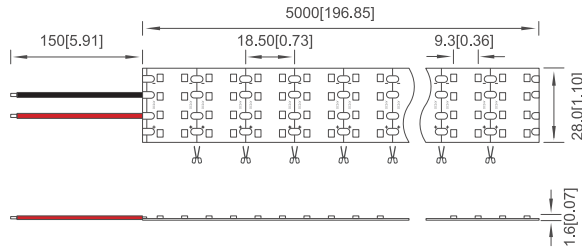
FN-H2835L-288-24



FN-H2835L-416-24



FN-H2835L-432-24



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.

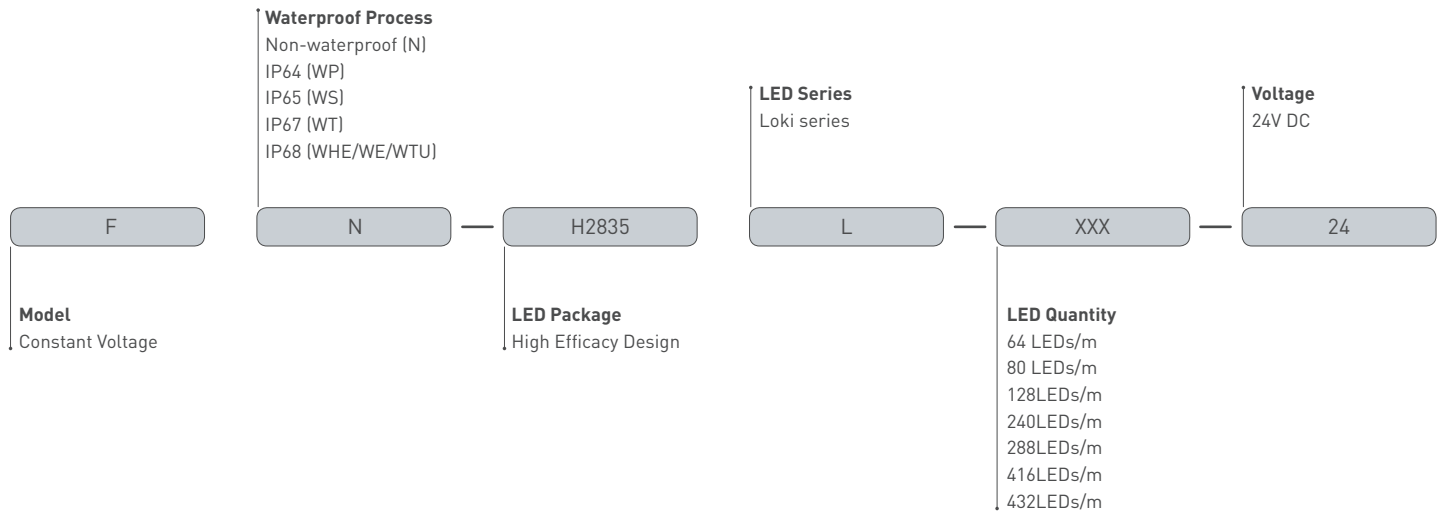
Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
FN-H2835L-64-24	5000*10	550*400*340	5	100	7.93 (1±10%)	12.50 (1±10%)
FN-H2835L-80-24	5000*10	550*400*340	5	100	8.06 (1±10%)	12.69 (1±10%)
FN-H2835L-128-24	5000*10	550*400*340	5	100	8.36 (1±10%)	12.99 (1±10%)
FN-H2835L-160-24	5000*10	550*400*340	5	100	8.56 (1±10%)	13.19 (1±10%)
FN-H2835L-240-24	5000*14	550*400*340	5	70	6.62 (1±10%)	12.12 (1±10%)
FN-H2835L-288-24	5000*22	550*400*340	5	50	6.55 (1±10%)	10.90 (1±10%)
FN-H2835L-416-24	5000*50	550*400*340	5	20	6.13 (1±10%)	11.20 (1±10%)
FN-H2835L-432-24	5000*28	550*400*340	5	40	6.22 (1±10%)	10.85 (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-H2835L-64-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	7.68	15.12	30.48	42.96	48.48

FN-H2835L-128-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	11.28	22.01	31.44	48.00	54.48

FN-H2835L-240-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	21.12	41.04	60.24	78.00	91.20

FN-H2835L-416-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	36.96	72.48	105.36	166.80	192.96

FN-H2835L-80-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	9.36	18.24	25.92	41.04	48.00

FN-H2835L-160-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	13.92	26.88	38.40	48.96	55.68

FN-H2835L-288-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	25.20	48.24	69.84	89.76	116.40

FN-H2835L-432-24	Operating Length (m)				
Parameters	1	2	4	6	7
Total Power (W)	41.52	78.24	116.16	147.60	183.60

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