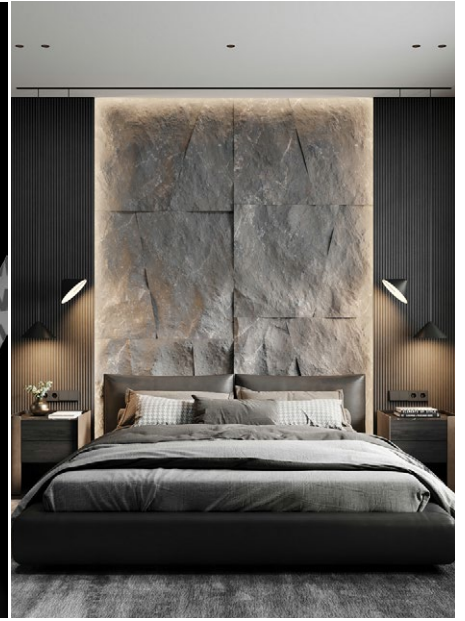
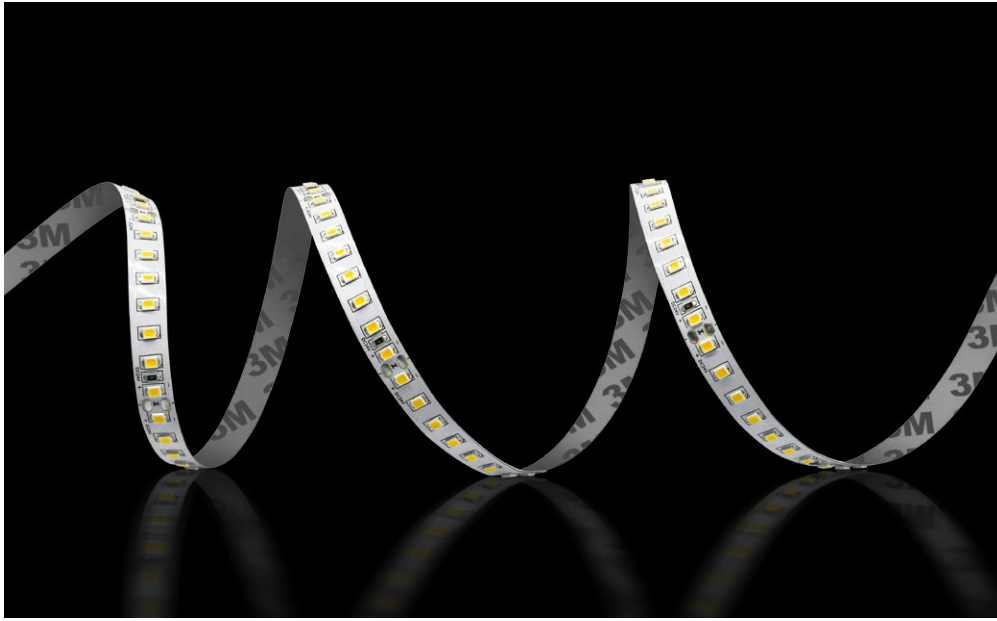


THOR STRIP LIGHT

FN-H2835T-XXX-XX





CCT Available



Features

- Efficacy: CRI90+ up to 150lm/w, CRI95+ up to 136lm/w
- CRI/TM-30-15: CRI>95 / (Rf>93-Rg>99, R9>94) CRI>90 / (Rf>90-Rg>99, R9>65)
- Color Consistency : 3SDCM (typical)
- Waterproof: IP64 (Spray Glue Coated), IP65 (Thick Glue Coated), IP67 (Tube Water proof), IP68 (Glue Tube /Silicone Tube Waterproof)
- Lumen Maintenance: 55°C: L70/B10>54000hrs, lumen maintenance 88.51%, L90/B10>47000hrs, lumen maintenance 89.95%
85°C: L70/B10>54000hrs, lumen maintenance 86.01%, L90/B10>38000hrs, lumen maintenance 89.95%
- Mounting: double-side thermal conductive adhesive tape or 9080H 3M self adhesive tape

TM-30

CRI:90+

CCT	Rg	Rf	SDCM
2050K±50	102	90	3
2400K±60	103	91	3
2700K±70	97	91	3
2900K±80	99	91	3
3400K±100	102	92	3
4000K±120	99	91	3
5000K±180	99	91	3
6000K±240	100	94	3

CRI:95+

CCT	Rg	Rf	SDCM
2150K±50	100	95	3
2500K±60	101	95	3
2700K±70	99	93	3
2900K±80	102	95	3
3400K±100	101	94	3
4100K±120	101	93	3
5000K±180	101	94	3
6000K±240	99	94	3

Optical & Electrical Parameters

CRI:90+

FN-H2835T-64-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2050K±50	952	124	7.68
	2400K±60	1021	133	
	2700K±70	1052	137	
	2900K±80	1067	139	
	3400K±100	1075	140	
	4000K±120	1128	147	
	5000K±180	1128	147	
	6000K±240	1113	145	

CRI:95+

FN-H2835T-64-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2150K±50	752	98	7.68
	2500K±60	821	107	
	2700K±70	906	118	
	2900K±80	906	118	
	3400K±100	952	124	
	4100K±120	975	127	
	5000K±180	1044	136	
	6000K±240	1029	134	

FN-H2835T-128-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2050K±50	1428	124	11.52
	2400K±60	1543	134	
	2700K±70	1612	140	
	2900K±80	1635	142	
	3400K±100	1670	145	
	4000K±120	1728	150	
	5000K±180	1728	150	
	6000K±240	1716	149	

FN-H2835T-128-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2150K±50	1140	99	11.52
	2500K±60	1233	107	
	2700K±70	1359	118	
	2900K±80	1359	118	
	3400K±100	1428	124	
	4100K±120	1475	128	
	5000K±180	1567	136	
	6000K±240	1544	134	

FN-H2835T-160-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2050K±50	1785	124	14.40
	2400K±60	1886	131	
	2700K±70	1972	137	
	2900K±80	2016	140	
	3400K±100	2059	143	
	4000K±120	2131	148	
	5000K±180	2131	148	
	6000K±240	2160	150	

FN-H2835T-160-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2150K±50	1411	98	14.40
	2500K±60	1512	105	
	2700K±70	1670	116	
	2900K±80	1670	116	
	3400K±100	1771	123	
	4100K±120	1800	125	
	5000K±180	1915	133	
	6000K±240	1930	134	

FN-H2835T-240-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2050K±50	2721	126	21.60
	2400K±60	2894	134	
	2700K±70	3002	139	
	2900K±80	3088	143	
	3400K±100	3110	144	
	4000K±120	3240	150	
	5000K±180	3240	150	
	6000K±240	3240	150	

FN-H2835T-240-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2150K±50	2095	97	21.60
	2500K±60	2246	104	
	2700K±70	2527	117	
	2900K±80	2527	117	
	3400K±100	2657	123	
	4100K±120	2678	124	
	5000K±180	2873	133	
	6000K±240	2894	134	

FN-H2835T-288-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2050K±50	3188	123	25.92
	2400K±60	3473	134	
	2700K±70	3551	137	
	2900K±80	3706	143	
	3400K±100	3706	143	
	4000K±120	3810	147	
	5000K±180	3888	150	
	6000K±240	3888	150	

FN-H2835T-288-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2150K±50	2514	97	25.92
	2500K±60	2696	104	
	2700K±70	3033	117	
	2900K±80	3033	117	
	3400K±100	3188	123	
	4100K±120	3214	124	
	5000K±180	3447	133	
	6000K±240	3473	134	

FN-H2835T-416-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2050K±50	4605	123	37.44
	2400K±60	5016	134	
	2700K±70	5129	137	
	2900K±80	5353	143	
	3400K±100	5353	143	
	4000K±120	5503	147	
	5000K±180	5616	150	
	6000K±240	5616	150	

FN-H2835T-416-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2150K±50	3632	97	37.44
	2500K±60	3894	104	
	2700K±70	4380	117	
	2900K±80	4380	117	
	3400K±100	4605	123	
	4100K±120	4643	124	
	5000K±180	4980	133	
	6000K±240	5017	134	

FN-H2835T-432-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2050K±50	4782	123	38.88
	2400K±60	5210	134	
	2700K±70	5326	137	
	2900K±80	5560	143	
	3400K±100	5560	143	
	4000K±120	5715	147	
	5000K±180	5832	150	
	6000K±240	5832	150	

FN-H2835T-432-24				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
24V DC	2150K±50	3771	97	38.88
	2500K±60	4044	104	
	2700K±70	4549	117	
	2900K±80	4549	117	
	3400K±100	4782	123	
	4100K±120	4821	124	
	5000K±180	5171	133	
	6000K±240	5210	134	

Other Parameters

Model No.	LED QTY (pcs/m)	Min Cuttable Length	No Brightness Difference MAX	UL Max Run	Working Temperature	Storage Temperature
FN-H2835T-64-24	64	125mm	6m	10m	-20~+60°C	-20~+70°C
FN-H2835T-128-24	128	62.5mm	4.5m	6.5m		
FN-H2835T-160-24	160	50mm	4m	5m		
FN-H2835T-240-24	240	33.3mm	4m	3.5m		
FN-H2835T-288-24	288	83.33mm	4.5m	3m		
FN-H2835T-416-24	416	38.46mm	6.5m	2m		
FN-H2835T-432-24	432	18.5mm	5m	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

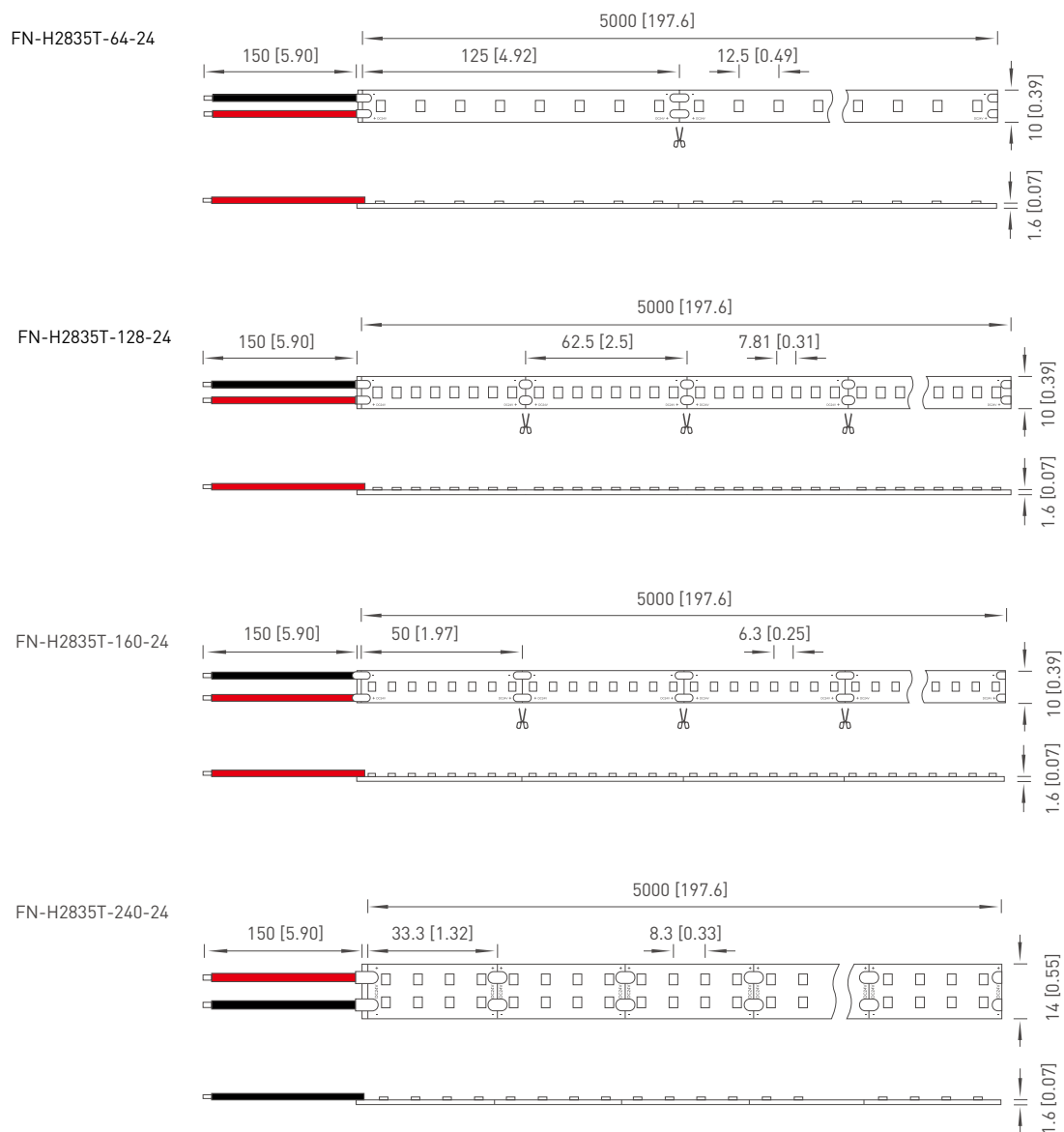
- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Blueview 's TUV Innovation Lab.

Compliance & Regulatory Approvals

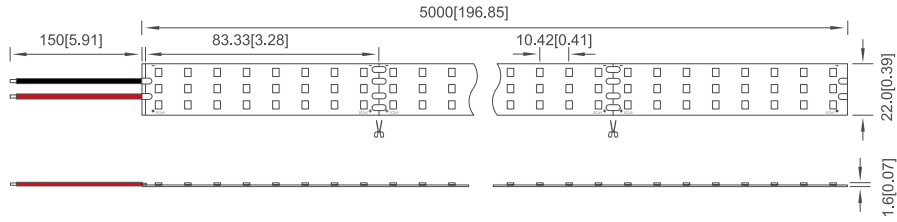
	CE LVD	Standard: EN 60598-2-21: 2015; EN 60598-1: 2015; EN 62471: 2008; EN 62493:2015; EN 62031: 2015+A1: 2013+A2: 2015
	CE EMC	Standard: EN IEC 55015: 2019; EN IEC 61000-3-2: 2019; EN 61000-3-3:2013+A1: 2019;EN 61547: 2009
	CB	Standard: IEC 62031:2018
	UL LISTED	Standard: UL 2108 E354137-Low-voltage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

Profile Drawings

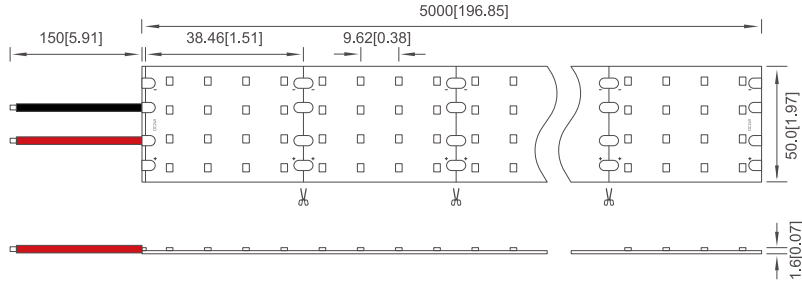
Unit: mm [inch]



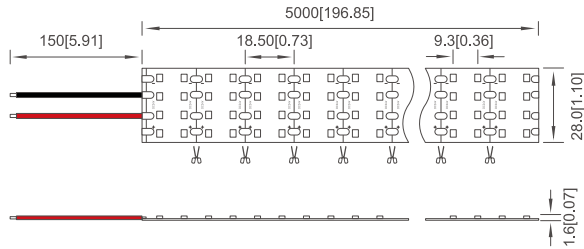
FN-H2835T-288-24



FN-H2835T-416-24



FN-H2835T-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.

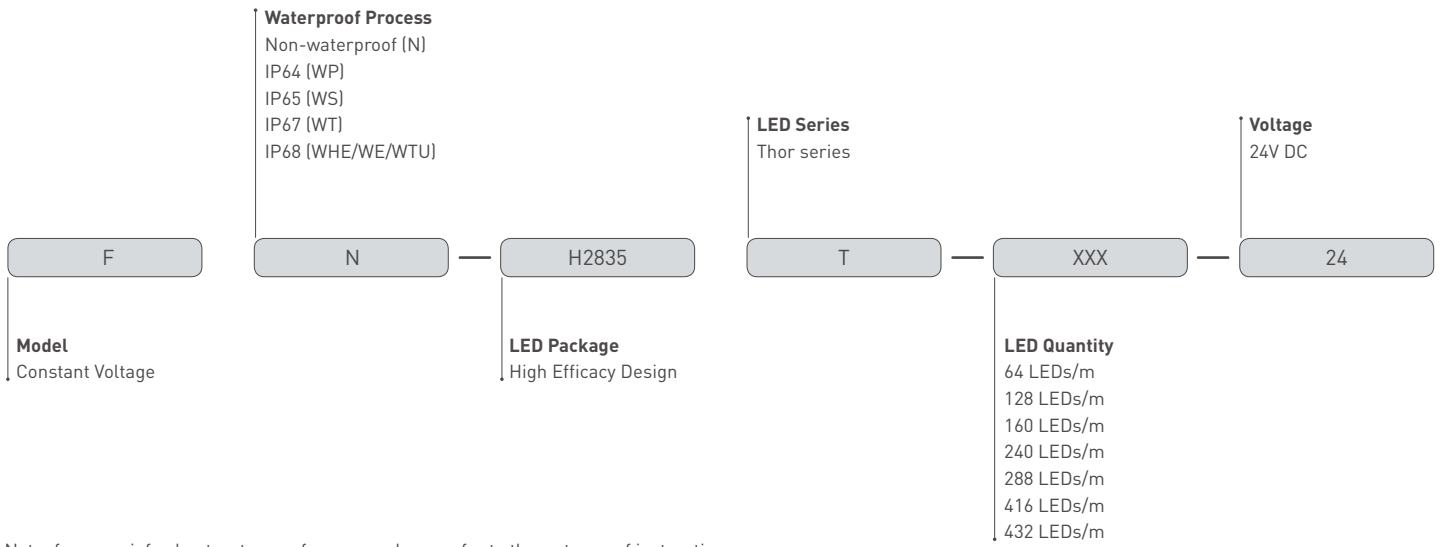
Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
FN-H2835T-64-24	5000*10	550*400*340	5	100	7.93 (1±10%)	12.50 (1±10%)
FN-H2835T-128-24	5000*10	550*400*340	5	100	8.06 (1±10%)	12.69 (1±10%)
FN-H2835T-160-24	5000*10	550*400*340	5	100	8.56 (1±10%)	13.19 (1±10%)
FN-H2835T-240-24	5000*14	550*400*340	5	70	6.63 (1±10%)	12.12 (1±10%)
FN-H2835T-288-24	5000*22	550*400*340	5	50	6.55 (1±10%)	10.90 (1±10%)
FN-H2835T-416-24	5000*50	550*400*340	5	20	6.13 (1±10%)	11.20 (1±10%)
FN-H2835T-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-H2835T-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-H2835T-128-24	Operating Length (m)				
Parameters	1	2	4	5	6
Total Power (W)	11.28	22.01	40.32	48.00	54.48

FN-H2835T-160-24	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	13.92	26.88	38.40	48.96	55.68

FN-H2835T-240-24	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	21.12	41.04	60.24	78.00	91.20

FN-H2835T-288-24	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	25.20	48.24	69.84	89.76	108.48

FN-H2835T-416-24	Operating Length (m)				
Parameters	1	2	4	5	6
Total Power (W)	36.96	72.48	138.0	166.80	192.96

FN-H2835T-432-24	Operating Length (m)				
Parameters	1	2	3	4	5
Total Power (W)	41.52	78.24	116.16	147.60	169.44

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