

THOR

48V STRIP

FN-H2835T-150-48





CCT Available



Features

- Efficacy: up to 139lm/wColor
- Consistency: 3SDCM (typical)
- Waterproof: IP64 (Spray Glue Coated), IP65 (Thick Glue Coated), IP67 (Tube Water proof),IP68 (Glue Tube /Silicone Tube)
- Mounting: double-side thermal conductive adhesive tape.
- Support PWM, 0-10V, DALI and DMX dimming.

TM-30

CRI:90+

CCT	Rf	Rg	SDCM
2700K±70	91	99	3
2900K±80	92	100	3
3400K±100	91	99	3
4000K±120	91	98	3
5000K±180	92	99	3
6000K±240	95	100	3

Optical & Electrical Parameters

FN-H2835T-150-48				
Voltage	CCT/Wavelength	LM/m	LM/W	W/m
48V DC	2700K±70	1843	128	14.4
	2900K±80	1900	132	
	3400K±100	1944	135	
	4000K±120	1987	138	
	5000K±180	2000	139	
	6000K±240	1958	136	

Other Parameters

Model No.	LED QTY (pcs/m)	Min Cuttable Length	No Brightness Difference MAX	UL Max Run	Working Temperature	Storage Temperature
FN-H2835T-150-48	150	100mm	11m	--	-20~+60℃	-20~+70℃

- 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.48V.
 - 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

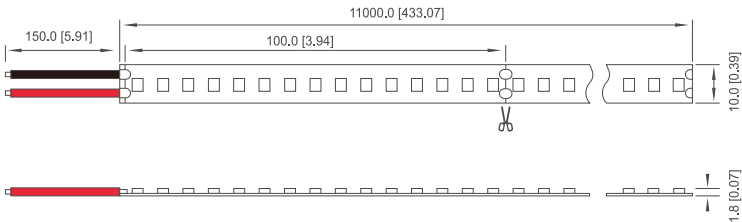
- LED chip data measured in accordance to IES LM-80-08.
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Blueview 's TUV Innovation Lab.

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]



- 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.
 - Dimension tolerance: length $\pm 6\text{mm}$ [0.24inch]; width $\pm 0.2\text{mm}$ [0.008inch]; thickness $\pm 0.2\text{mm}$ [0.008inch].

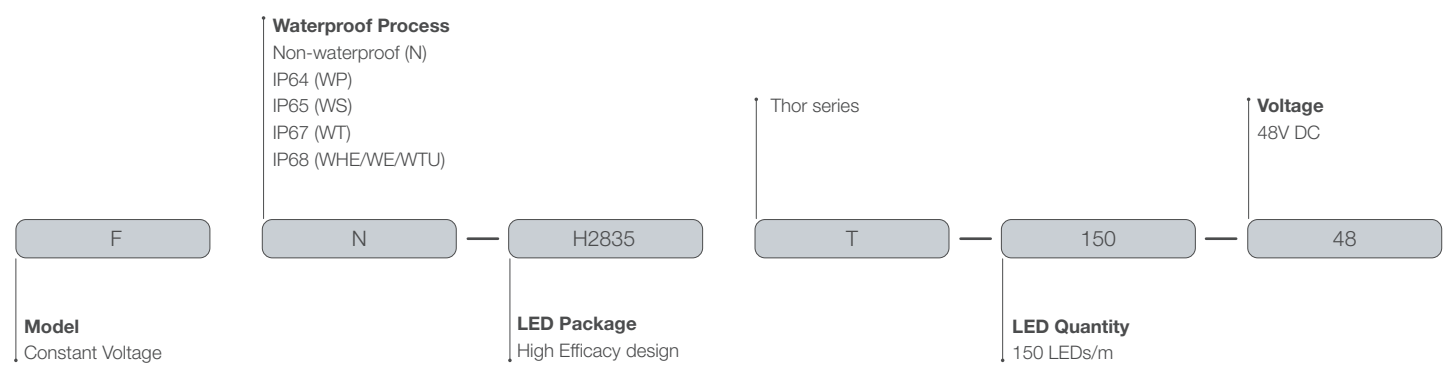
Packaging information

Model No.	Product Size L*W (mm)	Carton Size (mm)	Meter/Reel	Reel/Carton	Net Weight (kg)	Gross Weight (kg)
FN-H2835T-150-48	11000*10mm	550*400*340	11	20	9.72 (1±10%)	14.55 (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 is14.96kg.

Ordering Code



Note:

For more info about waterproof process, please refer to the waterproof instruction.

If the strip light adopts WT/WTs/WTU processes, it can only be made up to 10 meters long, for WS process, only be made up to 15 meters long.

Recommended power supply upon working length

FN-H2835T-150-48	Operating Length (m)										
Parameters	1	2	3	4	5	6	7	8	9	10	11
Total Power (W)	13.78	27.70	40.80	53.76	65.62	77.42	86.88	96	105.84	111.84	119.66

DALI Dimmer&Power Supply

DALI Dimmer



Model No.: BV-2304B

Power Supply



Model No.: HLG Series



Model No.: ELG Series

NOTE: Above power supplies are available in