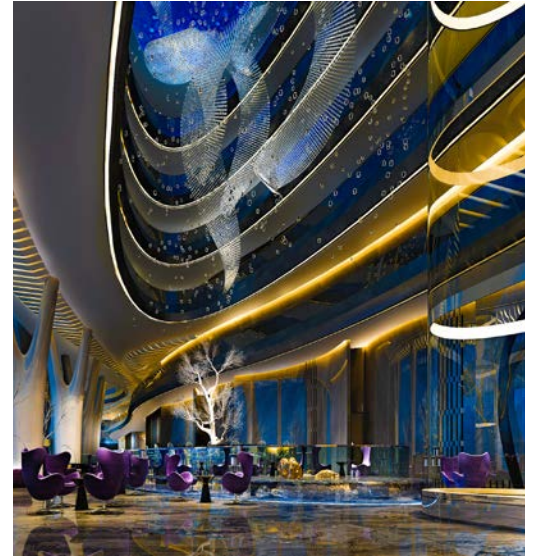


THOR

2835
LONG RUN
STRIP





CCT Available



Features

- Max run up to 50m with no light difference
- Multiple lumen options available
- Constant current regulator design to ensure stable performance
- Efficacy: CRI 90+ / up to 98 lm/W, CRI 95+ / up to 90 lm/W
- CRI/TM-30-15: CRI>90 / (Rg>97, Rf>90) CRI>95 / (Rg>99, Rf>93)
- Color consistency: 3 SDCM[typical]
- Waterproof: IP22 non-waterproof (N)
- Warranty: 5 years

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+

LN-2835T-60-24				
Voltage	CCT	LM/m	LM/W	W/m
24V DC	2200K	194.4	81	2.4
	2500K	204	85	
	2700K	216	90	
	3000K	218.4	91	
	3500K	225.6	94	
	4000K	230.4	96	
	5000K	235.2	98	
	6200K	232.8	97	

CRI:95+

LN-2835T-60-24				
Voltage	CCT	LM/m	LM/W	W/m
24V DC	2200K	156	65	2.4
	2500K	170.4	71	
	2700K	187.2	78	
	3000K	187.2	78	
	3500K	196.8	82	
	4000K	204	85	
	5000K	216	90	
	6200K	213.6	89	

CRI:90+

LN-2835T-60-24				
Voltage	CCT	LM/m	LM/W	W/m
24V DC	2200K	428.4	85	5.04
	2500K	453.6	90	
	2700K	478.8	95	
	3000K	483.84	96	
	3500K	498.96	99	
	4000K	509.04	101	
	5000K	519.12	103	
	6200K	514.08	102	

LN-2835T-120-24				
Voltage	CCT	LM/m	LM/W	W/m
24V DC	2200K	486	81	6
	2500K	510	85	
	2700K	540	90	
	3000K	546	91	
	3500K	564	94	
	4000K	576	96	
	5000K	588	98	
	6200K	582	97	

LN-2835T-80-36				
Voltage	CCT	LM/m	LM/W	W/m
36V DC	2200K	486.92	94	5.18
	2500K	512.82	99	
	2700K	538.72	104	
	3000K	549.08	106	
	3500K	564.62	109	
	4000K	580.16	112	
	5000K	590.52	114	
	6200K	585.34	113	

CRI:95+

LN-2835T-60-24				
Voltage	CCT	LM/m	LM/W	W/m
24V DC	2200K	342.72	68	5.04
	2500K	378	75	
	2700K	413.28	82	
	3000K	413.28	82	
	3500K	438.48	87	
	4000K	453.6	90	
	5000K	478.8	95	
	6200K	473.76	94	

LN-2835T-120-24				
Voltage	CCT	LM/m	LM/W	W/m
24V DC	2200K	390	65	6
	2500K	426	71	
	2700K	468	78	
	3000K	468	78	
	3500K	492	82	
	4000K	510	85	
	5000K	540	90	
	6200K	534	89	

LN-2835T-80-36				
Voltage	CCT	LM/m	LM/W	W/m
36V DC	2200K	388.5	75	5.18
	2500K	424.76	82	
	2700K	471.38	91	
	3000K	471.38	91	
	3500K	492.1	95	
	4000K	512.82	99	
	5000K	543.9	105	
	6200K	533.54	103	

Other Parameters

Model No.	LED QTY (pcs/m)	Product Size L*W	Max Run	Min Cuttable Length	Working Temperature	Storage Temperature
LN-2835T-60-24	60	50000*10 mm	50m [2.4W]	100mm	-20~+60°C	-20~+70°C
LN-2835T-60-24	60	50000*10 mm	21m [5.04W]	100mm		
LN-2835T-120-24	120	50000*10 mm	21m	50mm		
LN-2835T-80-36	80	50000*12 mm	50m	100mm		

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.

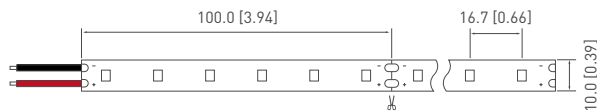
Compliance & Regulatory Approvals

	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

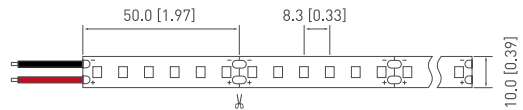
Profile Drawings

Unit: mm [inch]

LN-2835T-60-24



LN-2835T-120-24



LN-2835T-80-36



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.

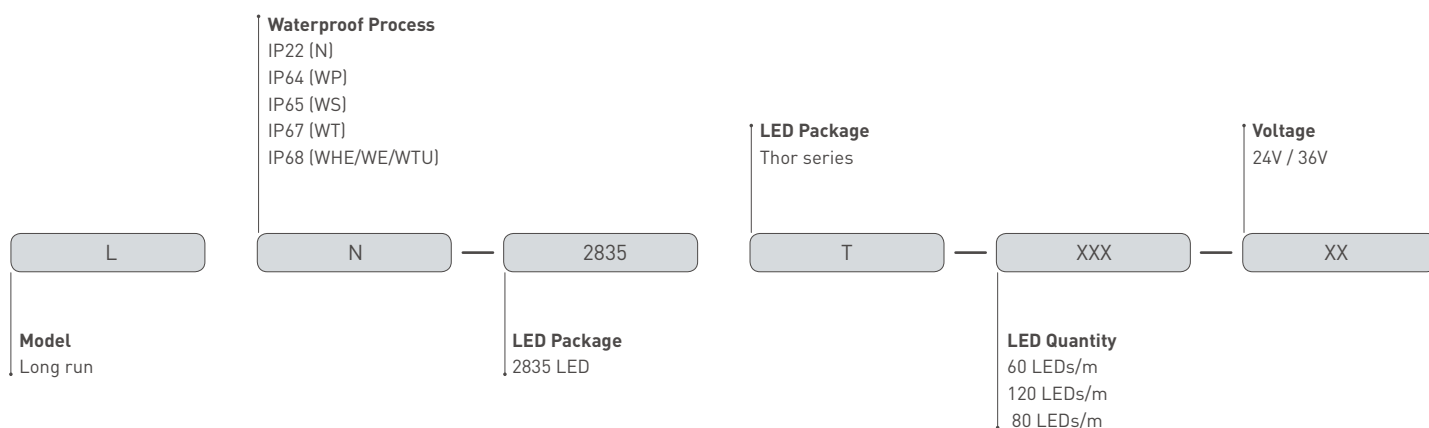
Packaging information

Model No.	LN-2835T-60-24	LN-2835T-120-24	LN-2835T-80-36
Carton Size (mm)	550*400*340	550*400*340	550*400*340
Meter/Reel	50	/	50
Reel/Carton	20	/	20
Net Weight (kg)	10.1 (1±10%)	/(1±10%)	10.5 (1±10%)
Gross Weight (kg)	14.1 (1±10%)	/(1±10%)	14.5 (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.

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