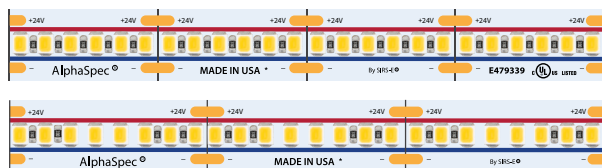


Spec Market White 240 LED/m LED Tape



RoHS

Description

Engineered, manufactured, and tested entirely in the USA, our LED tape light offers **exceptional performance, reliability, and local support**. Specifiers can **confidently** choose this **high-quality** solution for commercial or upscale residential projects, knowing it's **backed by rigorous domestic standards**. This **premium design** not only ensures **superior lighting results** but also supports a **strong value proposition**, allowing professionals to **maintain healthy margins** while delivering a **top-tier illumination experience**.

Product Specifications

Input Voltage	24V DC	Cuttable Segments	25mm (1.00"), 33mm (1.32")
Limiting Control Method	CV - Constant Voltage	LED Strip Length	16.4 - 100' Spool
Power Consumption	1 - 9 W/ft.	Tape Width	12mm (0.50")
LED Type	2835 ChromaSure™	TM21 (LM80)	50,000 hrs ¹
LED Density	240 LEDs/m	Dimming	17-24V / 22-24V
Board Type/Color	4 oz Density Copper, White PCB	Environmental	IP 40 (Indoor - Dry) / IP 67 (Water Resistant)
Beam Angle (Degree)	120°	Connection Type	Hardwire
Operation Temperature	-20°F to 120°F	Pre-Soldered Lead Wire	12" White Plenum
Mounting Method	Non-Porous 3M 5952 VHB	Country of Origin	USA Global Components
Color Rendering Index (CRI)	95 - 98 / R9 95-98	Warranty	7 Year
Color Quality Grade (CQG)	95 - 98 / TLCI 93-95	Certifications	RoHS UL E479339

Electrical Photometrics²

		100 lm / ft	200 lm / ft	300 lm / ft	400 lm / ft	500 lm / ft	750 lm / ft	1000 lm / ft
2835 - SDCM (1-3) High Efficacy (H)	CCT 2200 - 6500 (AVG) +/- 10%	100	200	300	400	500	750	1000
	Power Consumption W/ft.	1.20	2.35	3.66	4.38	5.50	7.42	8.99
	Luminous Efficacy (lm/W)	83	85	82	91	91	101	111
	LED/Seg. (6)	33	28	26	22	20	19	14
2835 - SDCM (1-3) Ultra Efficacy (U)	CCT 2200 - 6500 (AVG) +/- 10%	100	200	300	400	500	750	1000
	Power Consumption W/ft.	0.93	1.83	2.84	3.40	4.27	5.76	6.98
	Luminous Efficacy (lm/W)	107	109	105	118	117	130	143
	LED/Seg. (6)	42	36	33	29	26	24	18
2835 - SDCM (1-3) High Efficacy (H)	CCT 2200 - 6500 (AVG) +/- 10%	100	200	300	400	500	750	1000
	Power Consumption W/ft.	0.90	1.76	2.74	3.28	4.12	5.55	6.72
	Luminous Efficacy (lm/W)	112	114	110	122	122	135	149
	LED/Seg. (8)	44	37	34	30	26	25	19
2835 - SDCM (1-3) Ultra Efficacy (U)	CCT 2200 - 6500 (AVG) +/- 10%	100	200	300	400	500	750	1000
	Power Consumption W/ft.	0.70	1.38	2.14	2.56	3.22	4.34	5.25
	Luminous Efficacy (lm/W)	143	145	140	156	156	173	190
	LED/Seg. (8)	56	48	44	38	34	32	24

1 - After 50,000 hrs: 20% Luminous Flux loss, 10% Chromaticity change, as per LM80-15.

2 - Photometric values obtained from LM-79 report for 5W/ft strips.

3 - Typical values shown. For precise data, see individual LM-79 reports.

Ordering Guide

ODM	LED/m	LED/segment	SDCM	LED Efficacy High/Ultra	CCT K	lm/ft	IP Rating ⁴	Length 16.4-100 ft Spool
S	240	6	3	H	22	100	40	16
		8	2	U	27	200	67 ⁵	100
			1		30	300		
					35	400		
					40	500		
					50	750		
					65	1000		

Product Country of Origin

Product Engineering & Design	USA
Assembled	USA
Quality Control	USA
Product Customization	USA
Technical Support	USA

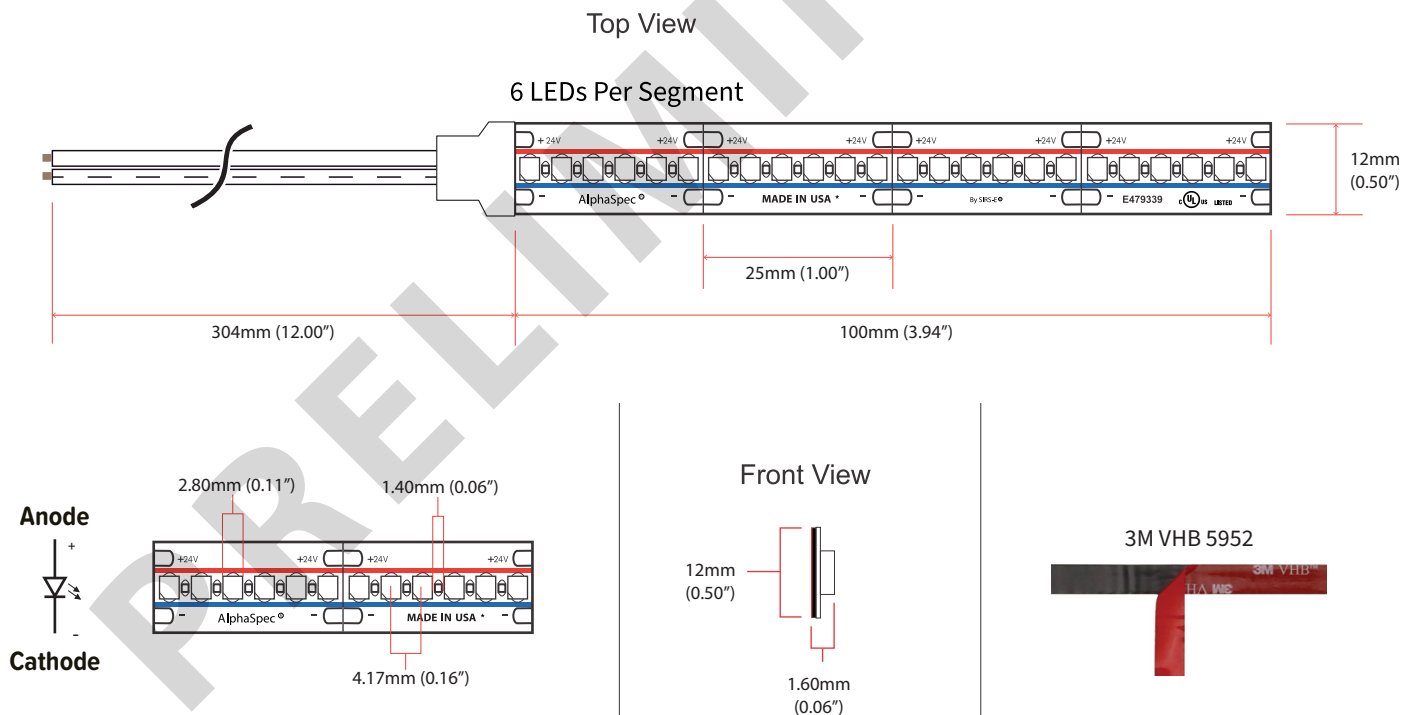
*Designed and manufactured in the USA using global LED chips and PCB boards.

Notes: ⁴IP - Varies on environment application, indoor or outdoor

⁵IP67 only on 16.4' (5m)

***BAA/BABA Compliance:** Made in the USA through domestic assembly using globally sourced PCB boards and LED chips. Final qualification for BAA/BABA is subject to an approved nonavailability exemption for these imported components (as of March 2025, no domestically produced equivalents are available).

Mechanical Dimensions for 6 LEDs per Segment



Mechanical Dimensions for 8 LEDs per Segment

