

Job Name:	Item Number:	
Specifier Name:	Sales Agency:	
Specifier Contact:	Agency Contact:	
Fixture Type:	Comments:	
Quantity:	Approval:	

24V 1' LED Tape Strip 3000K



L: 12" W: 3/8" H: 1/8"

Description

Ambiance LED Tape provides ultra-low profile LED linear lighting that can be mounted securely in numerous applications with its high-endurance 3MTM adhesive backing. Ambiance LED Tape is dimmable on magnetic and electronic low voltage systems. For magnetic systems, a standard incandescent or magnetic low voltage (MLV) dimmer can be used. For electronic, an electronic low voltage (ELV) dimmer is recommended.

Specifications

Item Number	98612SW-12		
Finish	Black		
Dimensions	L: 12" W: 3/8" H: 1/8"		
Voltage	24V		
Color Temperature	3000°K		
Lumens	150		
Watts Consumed	3 watts		
Efficacy	50.0 lm/w		
Color Rendering	>85 CRI		
Rated Average Life	50,000 hours to 70%		
Safety Listing	cETL Listed for Damp Locations		
Warranty	5-Year Limited Warranty		

Instruction Sheets

• Trilingual (English, Spanish, and French) (HC-1894FS)

Available Photometry

- LM79 Photometry
- Integrating Sphere Test
- IES File

Shipping Information:

Package Type	Product #	Quantity	UPC	Length	Width	Height	Cube	Weight	UPS Ship
Individual	98612SW-12	1	785652158674	13.8	1.5	0.75	0.009	0.1	Yes
Master Pack	98612SW-12	10	10785652158671	14.5	4	1.9	0.064	0.8	Yes
Shipping Master	98612SW-12	200	20785652158678						

Photometric Diagram:

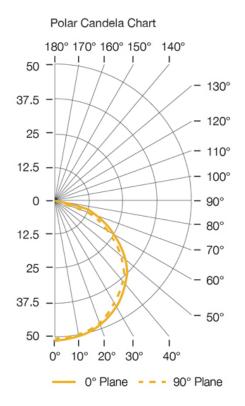
		,
Zone (Degrees)	Lumens	% of Lamp
$0^{\circ} - 30^{\circ}$	40.8	26.0%
$0^{\circ} - 40^{\circ}$	67.1	42.8%
$0^{\circ}-60^{\circ}$	119.8	76.5%
$0^{\circ} - 90^{\circ}$	155.8	99.5%
90° – 180°	0.8	0.5%
0° - 180°	156.6	100%

Zonal Lumen Summary

Average Luminance Table (cd/m²)

Horizontal Angle (Degrees)

		0°	45°	90°	
Vertical Angle (Degrees)	0°	18280	18280	18280	
	45°	13670	14340	17120	
	55°	12390	13020	16220	
	65°	10670	11150	14650	
	75°	8254	8326	11460	
	85°	5027	4321	2737	



Photometry based on (1) 98606SW(-xx) 1' length 12V LED Tape section in 3000°K.

Component Diagram:



STEP 1

Choose LED Tape Strips Select tape length, voltage, color temperature and face color based on your desired specifications.



STEP 2

Select Connectors & Cables Determine required connectors and cuts to achieve your system configuration.



STEP 3

Select Transformers Multiply the number of feet in your run by 3 watts to determine transformer size. Match voltage of the transformer to your LED tape's voltage.



Optional Components Mount tape with included 3M[™] industrial adhesive backing or mounting clips.



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