

ANNO TAPE SV TW Indoor · Tunable White

Features

- 0.16in. ultra-slim COB tape, tunable white from 2700K to 5000K
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

Under cabinets, coves, shelves, bedrooms, niches, closets, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power	Assembly Builder			
					Left Feed Entry			
ANNOS	D2-Dry (IP20)	24-DC24V	2750-2700K+5000K	488-4.88W/ft	F	Front	OW	Open wire 3.28ft (1m), 20 AWG
					C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
							FC	Female connector with 0.66ft (20cm) cable, 20 AWG
							NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			Illuminated Length ¹	
F	Front	OW Open wire 3.28ft (1m), 20 AWG	Max	16.4ft (5m)
C	Closed	MC Male connector with 0.66ft (20cm) cable, 20 AWG		
		FC Female connector with 0.66ft (20cm) cable, 20 AWG		
		NA Only for Closed Feed Entry	Increment	1.97in. (50mm)

1. Production length = Illuminated length + End cap extension length (refer to below page for extension length of each end cap).

Lumen Output (lm/ft)

Temp./Color	4.88W/ft		
2700K	85		
5000K	117		
2700K+5000K	230		
Max. Run for Class 2	16.4ft (5m)		
Max. Run Supported Length	16.4ft (5m)		

*Typically installations in USA and Canada comply with Class 2 requirements.

Technical Details	
Width	0.39in. (10mm)
LED Quantity	195 LEDs/ft (640 LEDs/M)
Beam Angle	180°
Efficacy	47.1lm/W @2700K+5000K 4.88W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 50,000 hours
Max. Length Per Reel	164ft (50m)
Storage Temperature	32-140°F (0-60°C)
Ambient Temperature	-4-113°F(-20-45°C)

Feed Entry Options

F: Front



C: Closed



Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 20 AWG
(wire length made to order)



MC: Male connector, **Dry & Damp**
Standard 0.66ft (20cm), 20 AWG



FC: Female connector, **Dry & Damp**
Standard 0.66ft (20cm), 20 AWG

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Connectors & Additional Accessories (Optional, purchase for extra)



MCW-3P-67
Male connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG



FCW-3P-67
Female connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG



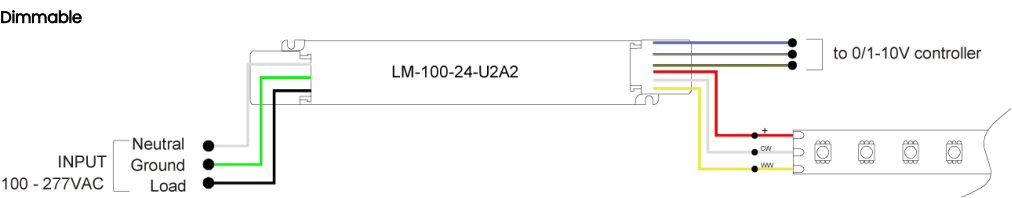
VHB
VHB 3M adhesive back tape, stronger stickiness

Drivers

Dimmable

Code	Max Load	Input	Output	Class 2	Environment	Size (L*W*H)
LM-100-24-U2A2	100W	100-277VAC	24V	No	Dry	13.9×1.7×1.2in.(35.2×4.3×3.0cm)

Wiring Diagram



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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total Load	10 AWG	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5W / 0.2A	1730 ft (527.3 m)	1090 ft (332.2 m)	680 ft (207.3 m)	430 ft (131.1 m)	270 ft (82.3 m)	170 ft (51.8 m)	107 ft (32.6 m)	68 ft (20.7 m)
10W / 0.4A	784 ft (239.0 m)	539 ft (164.3 m)	345 ft (105.2 m)	215 ft (65.5 m)	134 ft (40.8 m)	85 ft (25.9 m)	52 ft (15.8 m)	34 ft (10.4 m)
15W / 0.6A	576 ft (175.6 m)	363 ft (110.6 m)	228 ft (69.5 m)	144 ft (43.9 m)	91 ft (27.7 m)	57 ft (17.4 m)	36 ft (11.0 m)	23 ft (7.0 m)
20W / 0.8A	397 ft (121.0 m)	272 ft (82.9 m)	174 ft (53.0 m)	109 ft (33.2 m)	68 ft (20.7 m)	43 ft (13.1 m)	27 ft (8.2 m)	17 ft (5.2 m)
25W / 1.0A	346 ft (105.5 m)	218 ft (66.4 m)	137 ft (41.8 m)	86 ft (26.2 m)	55 ft (16.8 m)	34 ft (10.4 m)	22 ft (6.7 m)	14 ft (4.3 m)
30W / 1.2A	263 ft (80.2 m)	181 ft (55.2 m)	115 ft (35.1 m)	72 ft (21.9 m)	45 ft (13.7 m)	27 ft (8.2 m)	17 ft (5.2 m)	12 ft (3.7 m)
35W / 1.5A	247 ft (75.3 m)	156 ft (47.5 m)	98 ft (29.9 m)	62 ft (18.9 m)	39 ft (11.9 m)	25 ft (7.6 m)	16 ft (4.9 m)	10 ft (3.0 m)
40W / 1.7A	197 ft (60.0 m)	135 ft (41.1 m)	86 ft (26.2 m)	54 ft (16.5 m)	33 ft (10.1 m)	21 ft (6.4 m)	13 ft (4.0 m)	9 ft (2.7 m)
45W / 1.9A	192 ft (58.5 m)	121 ft (36.9 m)	76 ft (23.2 m)	48 ft (14.6 m)	31 ft (9.4 m)	19 ft (5.8 m)	12 ft (3.7 m)	8 ft (2.4 m)
50W / 2.1A	158 ft (48.2 m)	108 ft (32.9 m)	69 ft (21.0 m)	43 ft (13.1 m)	27 ft (8.2 m)	17 ft (5.2 m)	10.5 ft (3.2 m)	7 ft (2.1 m)
60W / 2.5A	131 ft (39.9 m)	90 ft (27.4 m)	57 ft (17.4 m)	36 ft (11.0 m)	22 ft (6.7 m)	14 ft (4.3 m)	9 ft (2.7 m)	6 ft (1.8 m)
70W / 2.9A	112 ft (34.1 m)	77 ft (23.5 m)	49 ft (14.9 m)	31 ft (9.4 m)	19 ft (5.8 m)	12 ft (3.7 m)	7.5 ft (2.3 m)	5 ft (1.5 m)
80W / 3.3A	98 ft (29.9 m)	68 ft (20.7 m)	43 ft (13.1 m)	27 ft (8.2 m)	17 ft (5.2 m)	11 ft (3.4 m)	6.8 ft (2.1 m)	5 ft (1.5 m)
90W / 3.8A	97 ft (29.6 m)	61 ft (18.6 m)	39 ft (11.9 m)	24 ft (7.3 m)	15 ft (4.6 m)	9 ft (2.7 m)	6 ft (1.8 m)	4 ft (1.2 m)
100W / 4.2A	82 ft (25.0 m)	56 ft (17.1 m)	36 ft (11.0 m)	22 ft (6.7 m)	14 ft (4.3 m)	8 ft (2.4 m)	5.3 ft (1.6 m)	4 ft (1.2 m)