

ANNO TAPE PRO TW Indoor · Tunable White

Features

- High-density diode-free CSP tape, tunable white from 2700K to 6500K
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNO P	D2-Dry (IP20)	24-DC24V	2765-2700K+6500K	305-3.05W/ft

Assembly Builder

Left Feed Entry			
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	Increment 1.97in. (50mm)
		FC	Female connector with 0.66ft (20cm) cable, 20 AWG	
		NA	Only for Closed Feed Entry	

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

Channel Order Code

Product Code ¹	Colors	Lens	Lengths
Please select on the Channel Compatibility page			
S	Silver anodized	OP	Opal
W	White lacquered	FR	Frosted
B	Black anodized	CL	Clear

1. Including 3.28ft/6.56ft lens cover + 2pcs end caps+2pcs mounting clips.

Lumen Output (lm/ft)

Temp./Color	3.05W/ft
2700K	113
6500K	120
2700K+6500K	240
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.

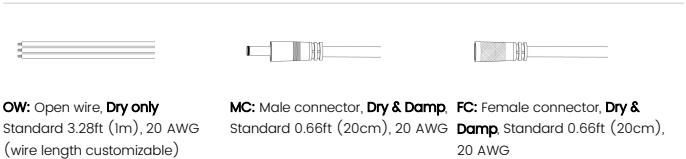
Technical Details

Width	0.39in. (10mm)
LED Quantity	195 LEDs/ft (640 LEDs/M)
Beam Angle	120°
Efficacy	78.7lm/W @2700K+6500K 3.05W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 50,000 hours
Max. Length Per Reel	98.4ft (30m)
Storage Temperature	32-140°F (0-60°C)
Ambient Temperature	-4-113°F(-20-45°C)

Feed Entry Options



Connector Wire Options



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Channel Compatibility

* Non-standard option, please contact us for customization support.

Lens Type & Light Transmission

CL Clear

FR Frosted

OP Opal

Surface			
BEI201 CL 50% FR 45% OP 37%	BEI202 CL 50% FR 45% OP 37%	BEI302 CL 71% FR 65% OP 53%	BEI415 CL 42% FR 38% OP 31%
BEI919 CL 62% FR 57% OP 47%	BE2020 CL 64% FR 58% OP 48%	BE2601 CL 69% FR 63% OP 52%	
Mud-In			
BE5615 CL 47% FR 43% OP 35%	BE7615 CL 59% FR 54% OP 44%		
Recessed			
BEI207 CL 49% FR 45% OP 37%	BE2015 CL 43% FR 39% OP 32%	BE5035 CL 41% FR 37% OP 31%	BE6575 CL 52% FR 47% OP 39%

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Corner			
BE1001 CL 75% FR 68% OP 56%	BE1002 CL 72% FR 66% OP 54%	BE1101 CL 44% FR 40% OP 33%	
Suspended			
BE5075 CL 53% FR 48% OP 39%	BE60 CL 80% FR 73% OP 60%	BE3535 CL 43% FR 39% OP 32%	
Specialty			
BE1806 Bendable surface mounted CL 74% FR 67% OP 55%	BE2009 Coves CL 45% FR 41% OP 33%	BE4615 Borderless Inside Corner CL 47% FR 43% OP 35%	BE5315 Borderless Outside Corner CL 47% FR 43% OP 35%
BE6728 Staircase CL 43% FR 39% OP 32%	BE7030 Cove Recessed Borderless OP 51%	BE8833 Cove Recessed / Double-Layer Borderless CL 49% FR 45% OP 37%	

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Connectors & Additional Accessories (Optional, purchase for extra)



NCO-STCN-3P-10
Strip to cable connector without wire, for 0.39in. (10mm) tape, 3 pin



NCO-STC-3P-10
Strip to cable connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 3 pin



NCO-STSJ-3P-10
Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 3 pin



NCO-STMKB-3P-10
Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 3 pin



NCO-STMKW-3P-10
Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 3 pin



NI4CO-ST5-3P-10
Strip to strip connector, for 0.39in. (10mm) tape, 3 pin



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

0-10V 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)