

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 non-condensing uses
- 5 years warranty

Applications

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



RoHS

ONE BIN



24V DC

Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
ANNO P	D2-Dry (IP20)	24V-DC24V	27K65K-2700K+6500K	3.1-3.05W/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			Length	
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	

*For customizations, please inquire.

Extrusion Order Code

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

*For custom RAL colors, please inquire.

*Extrusions are sold separately. Refer to corresponding spec sheets for ordering info on extrusions and their accessories (endcaps, mounting brackets, etc.)

Lumen Output (lm/ft)

CCT	3.05W/ft
2700K	114
6500K	122
2700K+6500K	244
Max. Run for Class 2*	16.4ft (5m)
Max. Run Supported	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	80lm/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	-13~140°F (-25°C~60°C)
Ambient Temperature	-13~113°F (-25°C~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 customizable)



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



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

Channel Compatibility

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

Lens Type & Light Transmission

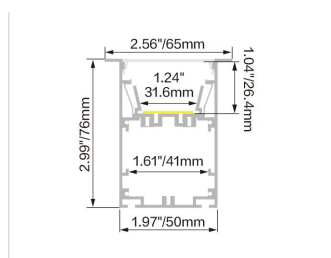
CL	Clear	FR	Frosted	OP	Opal
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Surface											
BE1202			BE1302			BE1415			BE1919		
CL	50%	FR	45%	OP	37%	CL	71%	FR	65%	OP	53%
CL	42%	FR	38%	OP	31%	CL	62%	FR	57%	OP	47%

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BE2020	BE2601		
CL 64% FR 58% OP 48%	CL 69% FR 63% OP 52%		
Mud-In			
BE5615	BE7615		
CL 47% FR 43% OP 35%	CL 59% FR 54% OP 44%		
		BE2015	BE5035
BE1201	BE1207	BE2015	BE5035
CL 50% FR 45% OP 37%	CL 49% FR 45% OP 37%	CL 43% FR 39% OP 32%	CL 41% FR 37% OP 31%
BE6575			
CL 52% FR 47% OP 39%			

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Corner

BE1001	BE1002	BE1101
CL 75% FR 68% OP 56%	CL 72% FR 66% OP 54%	CL 44% FR 40% OP 33%

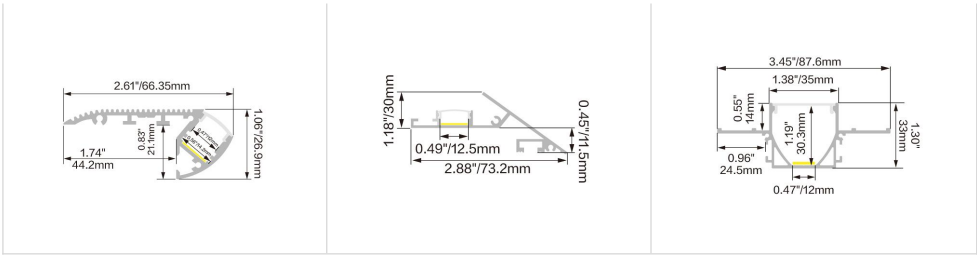
Suspended

BE5075	BE60	BE3535
CL 53% FR 48% OP 39%	CL 80% FR 73% OP 60%	CL 43% FR 39% OP 32%

Specialty

BE1806 Bendable surface mounted	BE2009 Coves	BE4615 Borderless Inside Corner	BE5315 Borderless Outside Corner
CL 74% FR 67% OP 55%	CL 45% FR 41% OP 33%	CL 47% FR 43% OP 35%	CL 47% FR 43% OP 35%
BE6728 Staircase	BE7030 Cove Recessed Borderless	BE8833 Cove Recessed / Double-Layer Borderless	
CL 43% FR 39% OP 32%	OP 51%	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 5.91in. (15cm) wire, for 0.39in. (10mm) tape, 3 pin



NCO-STSJ-3P-10
Strip to strip jumper connector with 5.91in. (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



N14CO-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

Drivers

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	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)

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240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)