

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.



Date	Fixture type
Project name	Project phase



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	3.28ft (1m)
	□ W = White lacquered	FR - Frosted	6.56ft (2m)
	■ 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 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	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



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

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Channel Compatibility

Lens Type & Light Transmission

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

CL Clear

FR Frosted

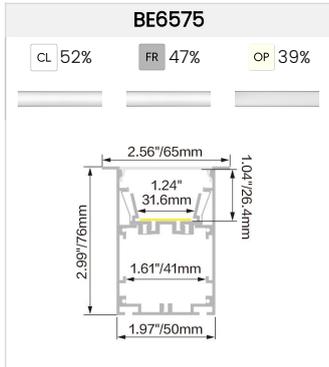
OP Opal

Surface			
<p>BE1202</p> <p>CL 50% FR 45% OP 37%</p>	<p>BE1302</p> <p>CL 71% FR 65% OP 53%</p>	<p>BE1415</p> <p>CL 42% FR 38% OP 31%</p>	<p>BE1919</p> <p>CL 62% FR 57% OP 47%</p>
<p>BE2020</p> <p>CL 64% FR 58% OP 48%</p>	<p>BE2601</p> <p>CL 69% FR 63% OP 52%</p>		

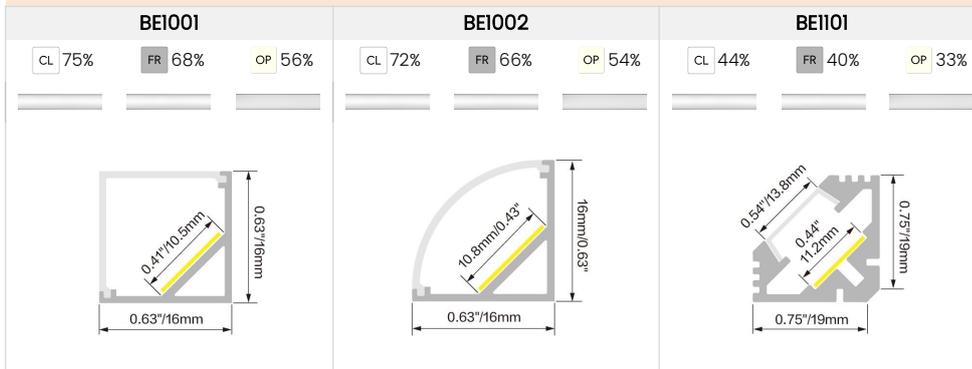
Mud-In	
<p>BE5615</p> <p>CL 47% FR 43% OP 35%</p>	<p>BE7615</p> <p>CL 59% FR 54% OP 44%</p>

Recessed			
<p>BE1201</p> <p>CL 50% FR 45% OP 37%</p>	<p>BE1207</p> <p>CL 49% FR 45% OP 37%</p>	<p>BE2015</p> <p>CL 43% FR 39% OP 32%</p>	<p>BE5035</p> <p>CL 41% FR 37% OP 31%</p>

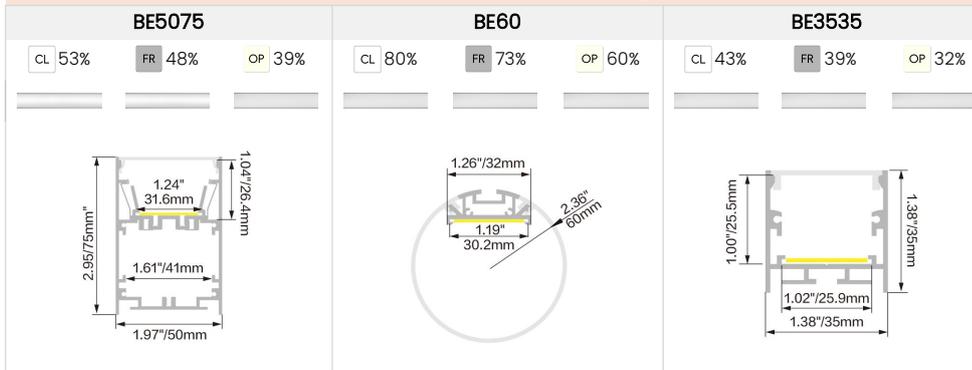
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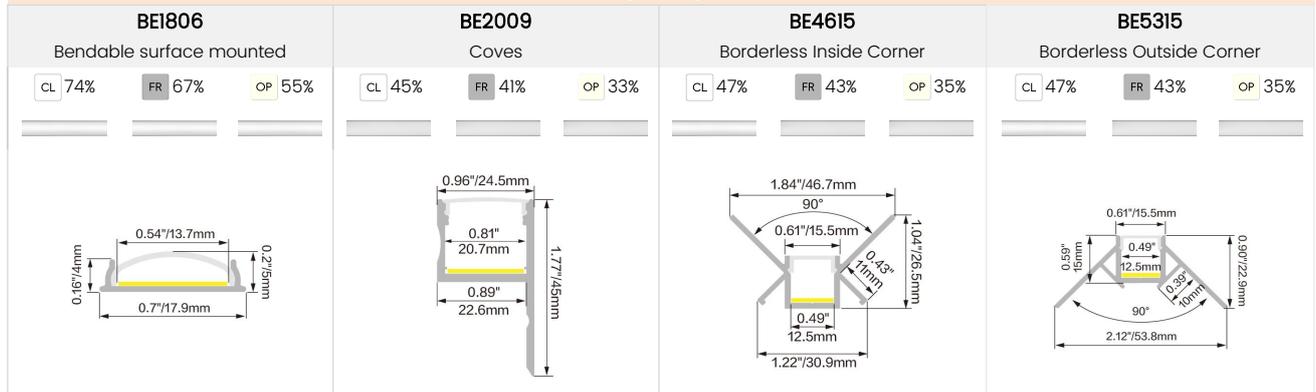
Corner



Suspended



Specialty



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BE6728 Staircase	BE7030 Cove Recessed Borderless	BE8833 Cove Recessed / Double-Layer Borderless
<p>CL 43% FR 39% OP 32%</p>	<p>OP 51%</p>	<p>CL 49% FR 45% OP 37%</p>

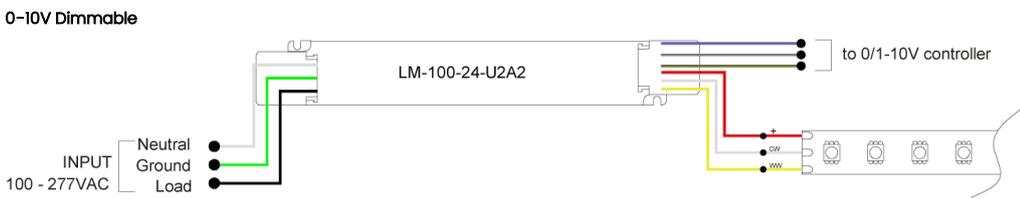
Connectors & Additional Accessories (Optional, purchase for extra)

<p>NCO-STCN-3P-10 Strip to cable connector without wire, for 0.39in. (10mm) tape, 3 pin</p>	<p>NCO-STC-3P-10 Strip to cable connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 3 pin</p>	<p>NCO-STSJ-3P-10 Strip to strip jumper connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 3 pin</p>	<p>NCO-STMKB-3P-10 Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 3 pin</p>	<p>NCO-STMKW-3P-10 Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 3 pin</p>
<p>NI4CO-ST3-3P-10 Strip to strip connector, for 0.39in. (10mm) tape, 3 pin</p>	<p>MCW-3P-67 Male connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG</p>	<p>FCW-3P-67 Female connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG</p>		

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	13.9x1.7x1.2in. (35.2x4.3x3.0cm)

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)
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)