

ANNO TAPE TW Indoor · Tunable White

Features

- High-density diode-free COB 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.



Date	Fixture type
Project name	Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNO	D2-Dry (IP20)	24-DC24V	2765-2700K+6500K	457-4.57W/ft

Assembly Builder

		Left Feed Entry	
F	Front	OW	Open wire 3.28ft (1m), 20 AWG
C	Closed	MC	Male connector with 0.98ft (30cm) cable, 20 AWG
		FC	Female connector with 0.98ft (30cm) 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 0.98ft (30cm) cable, 20 AWG	Increment	1.09in. (27.8mm)
		FC	Female connector with 0.98ft (30cm) cable, 20 AWG		
		NA	Only for Closed Feed Entry		

Channel Order Code

Product Code ¹	Colors	Lens	Lengths
Please select on the Channel Compatibility page	<input type="checkbox"/> S = Silver anodized <input type="checkbox"/> W = White lacquered <input type="checkbox"/> B = Black anodized	OP - Opal FR - Frosted CL - Clear	3.28ft (1m) 6.56ft (2m)

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

¹ Including 3.28ft/6.56ft lens cover + 2pcs end caps + 3pcs mounting clips.

Lumen Output (lm/ft)

Temp./Color	4.57W/ft
2700K	200
6500K	252
2700K+6500K	454
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	175 LEDs/ft (576 LEDs/M)
Beam Angle	180°
Efficacy	99.3lm/W @2700K+6500K 4.57W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	98.4' (30M)
Storage Temperature	-13-140°F (-25°C-60°C)
Ambient Temperature	-4-113°F (-20°C-45°C)

Feed Entry Options



Connector Wire Options



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

MC: Male connector, **Wet**
Standard 0.98ft (30cm), 20 AWG

FC: Female connector, **Wet**
Standard 0.98ft (30cm), 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

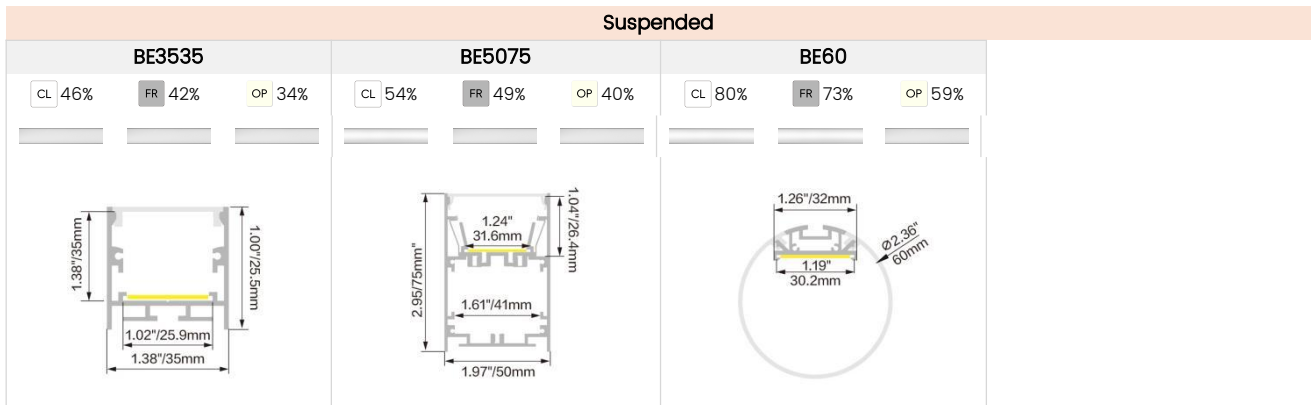
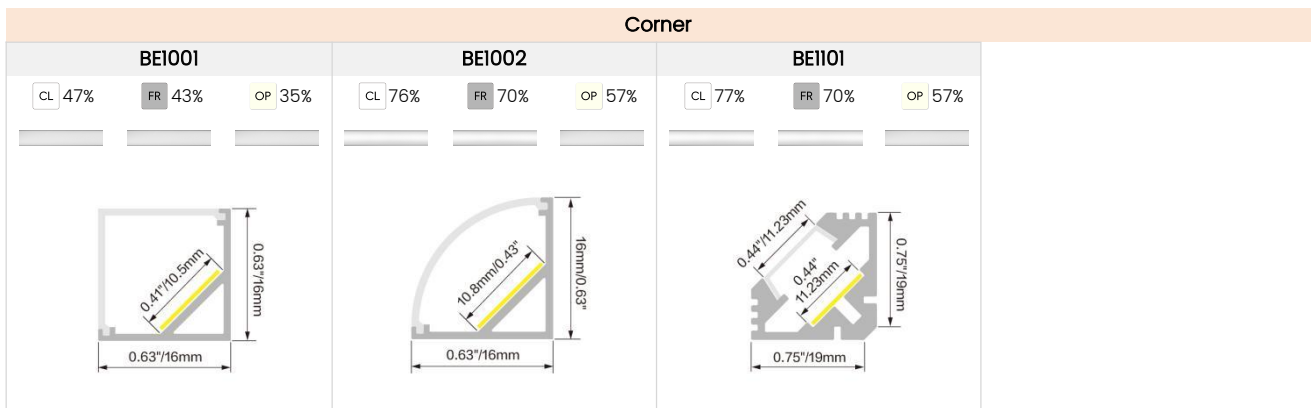
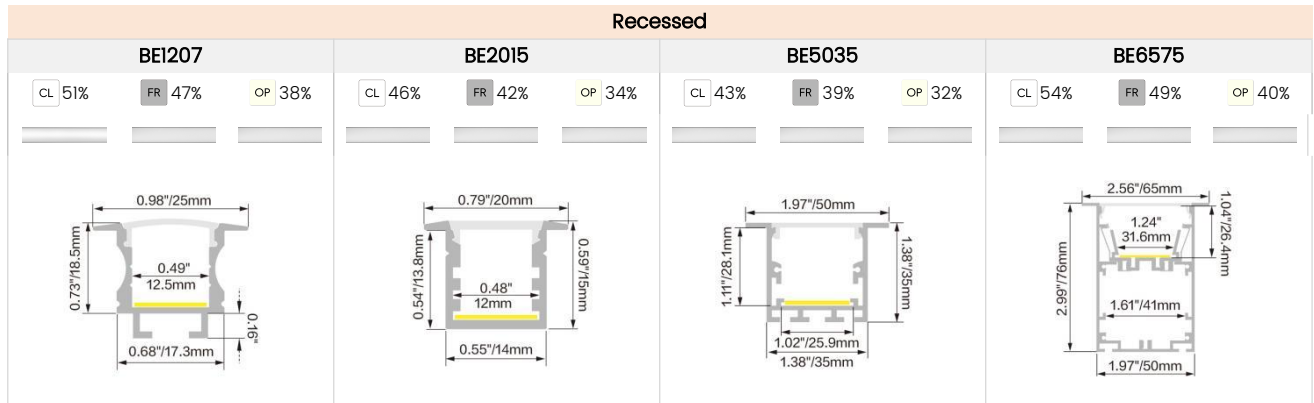
OP Opal

Surface			
<p>BEI202</p> <p>CL 50% FR 46% OP 38%</p>	<p>BEI201</p> <p>CL 52 FR 47% OP 39%</p>	<p>BEI302</p> <p>CL 72% FR 65% OP 53%</p>	<p>BEI415</p> <p>CL 44% FR 40% OP 33%</p>
<p>BEI919</p> <p>CL 66% FR 60% OP 49%</p>	<p>BE2020</p> <p>CL 66% FR 60% OP 49%</p>	<p>BE2601</p> <p>CL 71% FR 65% OP 53%</p>	

Mud-In	
<p>BE5615</p> <p>CL 48% FR 44% OP 36%</p>	<p>BE7615</p> <p>CL 59% FR 54% OP 44%</p>

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Specialty			
<p>BE1806 Bendable surface mounted</p> <p>CL 78% FR 71% OP 58%</p>	<p>BE2009 Coves</p> <p>CL 47% FR 43% OP 35%</p>	<p>BE5315 Borderless Outside Corner</p> <p>CL 47% FR 43% OP 35%</p>	<p>BE4615 Borderless Inside Corner</p> <p>CL 50% FR 46% OP 63%</p>
<p>BE8833 Cove Recessed / Double-Layer Borderless</p> <p>CL 50% FR 46% OP 38%</p>	<p>BE6728 Staircase</p> <p>CL 45% FR 41% OP 33%</p>	<p>BE7030 Cove Recessed Borderless</p> <p>OP 64%</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 female connector, for 0.39in. (10mm) tape, 3 pin</p>	<p>NCO-STMKW-3P-10 Strip to cable with white 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>MC-3P-20 Male connector with 0.98ft (30cm) cable, 2 pin, IP20, Dry, 20 AWG</p>	<p>FC-3P-20 Female connector with 0.98ft (30cm) cable, 2 pin, IP67, Dry, 20 AWG</p>	<p>VHB VHB 3M adhesive back tape, stronger stickiness</p>	

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Drivers

0-10V dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
LM-100-24-U2A2	100W	100-277VAC	24V	Yes	No	Dry	13.86 x 1.69 x 1.18in. (35.2x 4.3 x 3cm)

Wiring Diagram

0-10V-dimmable



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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)