

ANNO TAPE PRO RGBW Indoor · RGBW

Features

- High-density diode-free CSP tape, with changeable RGBW colors
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

Under cabinets, coves, theme parks, bedrooms, studios, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNO P	D2-Dry (IP20)	24-DC24V	RGBW40- RGBW (W=4000K)	488-4.88W/ft

Assembly Builder

Left Feed Entry			
F	Front	OW	Open wire 3.28ft (1m), 22 AWG
C	Closed	MC	Male connector with 0.98ft (30cm) cable, 22 AWG
		FC	Female connector with 0.98ft (30cm) cable, 22 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			Illuminated Length ¹
F	Front	OW	Open wire 3.28ft (1m), 22 AWG
C	Closed	MC	Male connector with 0.98ft (30cm) cable, 22 AWG
		FC	Female connector with 0.98ft (30cm) cable, 22 AWG
		NA	Only for Closed Feed Entry

Channel Order Code

Product Code ¹	Colors	Lens	Lengths
Please select on the Channel Compatibility page	S = Silver anodized W = White lacquered 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	4.88W/ft
R	111
G	115
B	25
W40	90
RGBW40	243
Max. Run for Class 2	15.7ft (4.8m)
Max. Run Supported Length	16.4ft (5m)

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

Technical Details

Width	0.47in. (12mm)
LED Quantity	273 LEDs/ft (896 LEDs/M)
Beam Angle	120°
Efficacy	49.8lm/W @RGBW40 4.88W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 30,000 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), 22 AWG
(wire length made to order)

MC: Male connector, **Wet**
Standard 0.98ft (30cm), 22 AWG

FC: Female connector, **Wet**
Standard 0.98ft (30cm), 22 AWG

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Channel Compatibility

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

Lens Type & Light Transmission

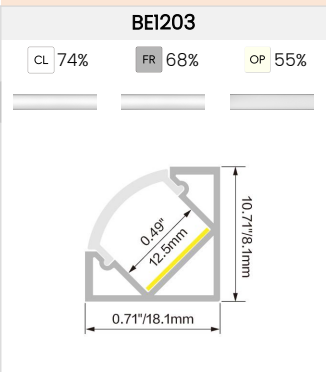
CL Clear FR Frosted OP Opal

Surface			
BE1202 CL 62% FR 57% OP 46%	BE1206 CL 77% FR 70% OP 57%	BE1302 CL 81% FR 74% OP 61%	BE1910 CL 76% FR 69% OP 57%
BE1919 CL 51% FR 46% OP 38%	BE2020 CL 77% FR 70% OP 57%	BE2601 CL 82% FR 74% OP 61%	
Mud-In			
BE5615 CL 58% FR 53% OP 43%	BE7615 CL 70% FR 64% OP 52%		
Recessed			
BE1207 CL 61% FR 55% OP 45%	BE2810 CL 78% FR 71% OP 58%	BE5035 CL 52% FR 47% OP 39%	BE6575 CL 63% FR 58% OP 47%

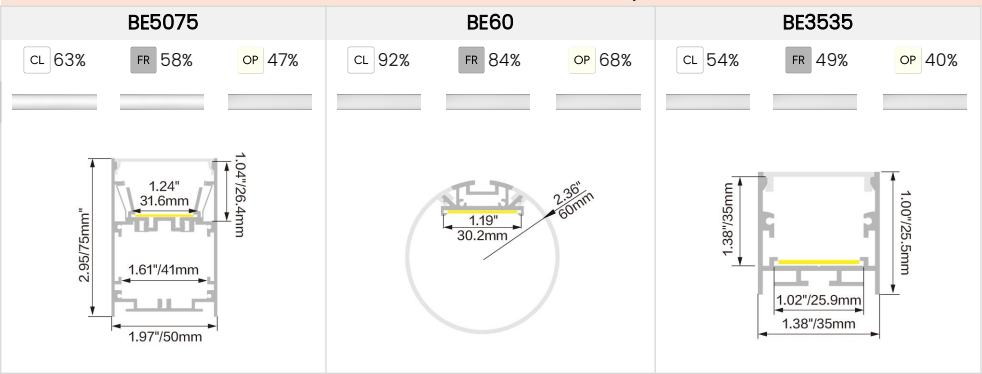
ANNO TAPE PRO RGBW

Indoor · RGBW

Corner



Suspended



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Specialty			
BEI806 Bendable surface mounted CL 89% FR 82% OP 67% 	BE4615 Borderless Inside Corner CL 58% FR 53% OP 43% 	BE5315 Borderless Outside Corner CL 57% FR 52% OP 43% 	BE6728 Staircase CL 54% FR 50% OP 41%
BEI3350 Coves CL 64% FR 58% OP 48% 	BEI402 Wall lighting CL 54% FR 49% OP 40% 	BEI403 Wall lighting CL 75% FR 69% OP 56% 	BE3511 Borderless Bi-Color Panel CL 65% FR 60% OP 49%
BE6916 Coves CL 58% FR 53% OP 43% 	BEI2017 Coves CL 51% FR 47% OP 38% 		

Connectors & Additional Accessories (Optional, purchase for extra)



MCW-5P-67

Male connector with 0.98ft (30cm) white cable, 5 pin, IP67, Wet, 20 AWG



FCW-5P-67

Female connector with 0.98ft (30cm) white cable, 5 pin, IP67, Wet, 20 AWG



VHB

VHB 3M adhesive back tape, stronger stickiness

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Drivers

Non-dimmable							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KV-24060-ASW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KV-24096-ASW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)

DMX-dimmable							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVX-24100-4C-A	100W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	9.05 x 3.07 x 0.98in. (230 x 78x 25cm)
KVX-24150-4C-A	150W						10.9* x 3.07 x 0.98in. (277 x 78x 25cm)
KVX-24200-4C-A	200W			No			10.9* x 3.07 x 0.98in. (277 x 78x 25cm)
KVX-24300-4C-A	300W						11.85 x 3.07 x 0.98in. (301 x 78x 25cm)

DMX Decoders

Code	Description
LT-904	4 channels output, up to 576W output power
LT-916	16 channels output, up to 1152W output power
LT-932	32 channels output, up to 1728W output power

Controllers

Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4	DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive buttons

Wiring Diagram

Non-dimmable



DMX-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)