

ANNO TAPE PRO RGBWW

Indoor · RGBWW

Features

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

Applications

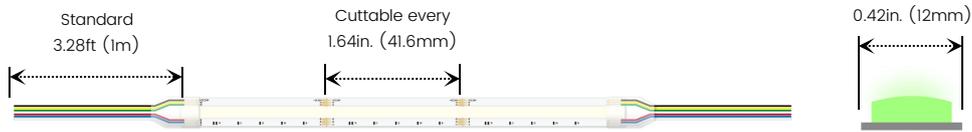
Under cabinets, coves, theme parks, bedrooms, studios, etc.



Date	Fixture type
Project name	Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNO P	D2-Dry (IP20)	24V-DC24V	RGBWW27K65K-RGBWW(WW=2700K+6500K)	4.9-4.88W/ft

Assembly Builder

		Left Feed Entry	
F	Front	OW	Open wire 3.28ft (1m), 22 AWG
C	Closed	MC	Male connector with 0.66ft (20cm) cable, 22 AWG
		FC	Female connector with 0.66ft (20cm) cable, 22 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

		Right Feed Entry	Length
F	Front	OW Open wire 3.28ft (1m), 22 AWG	Max. 16.4ft (5m)
C	Closed	MC Male connector with 0.66ft (20cm) cable, 22 AWG	Increment 1.64in. (41.6mm)
		FC Female connector with 0.66ft (20cm) cable, 22 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)

Temp./Color	4.88W/ft
R	32
G	73
B	15
W27	69
W65	70
RGBWW2765	238
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.

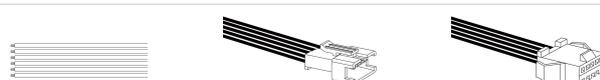
Technical Details

Width	0.42in. (12mm)
LED Quantity	256 LEDs/ft (840 LEDs/M)
Beam Angle	120°
Efficacy	48.8lm/W @RGBWW2765 4.88W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 30,000 hours
Max. Length Per Reel	164ft (50m)
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, **Dry**
Standard 0.66ft (20cm), 22 AWG

FC: Female connector, **Dry**
Standard 0.66ft (20cm), 22 AWG

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Indoor -RGBWW

Channel Compatibility

Lens Type & Light Transmission

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

CL Clear

FR Frosted

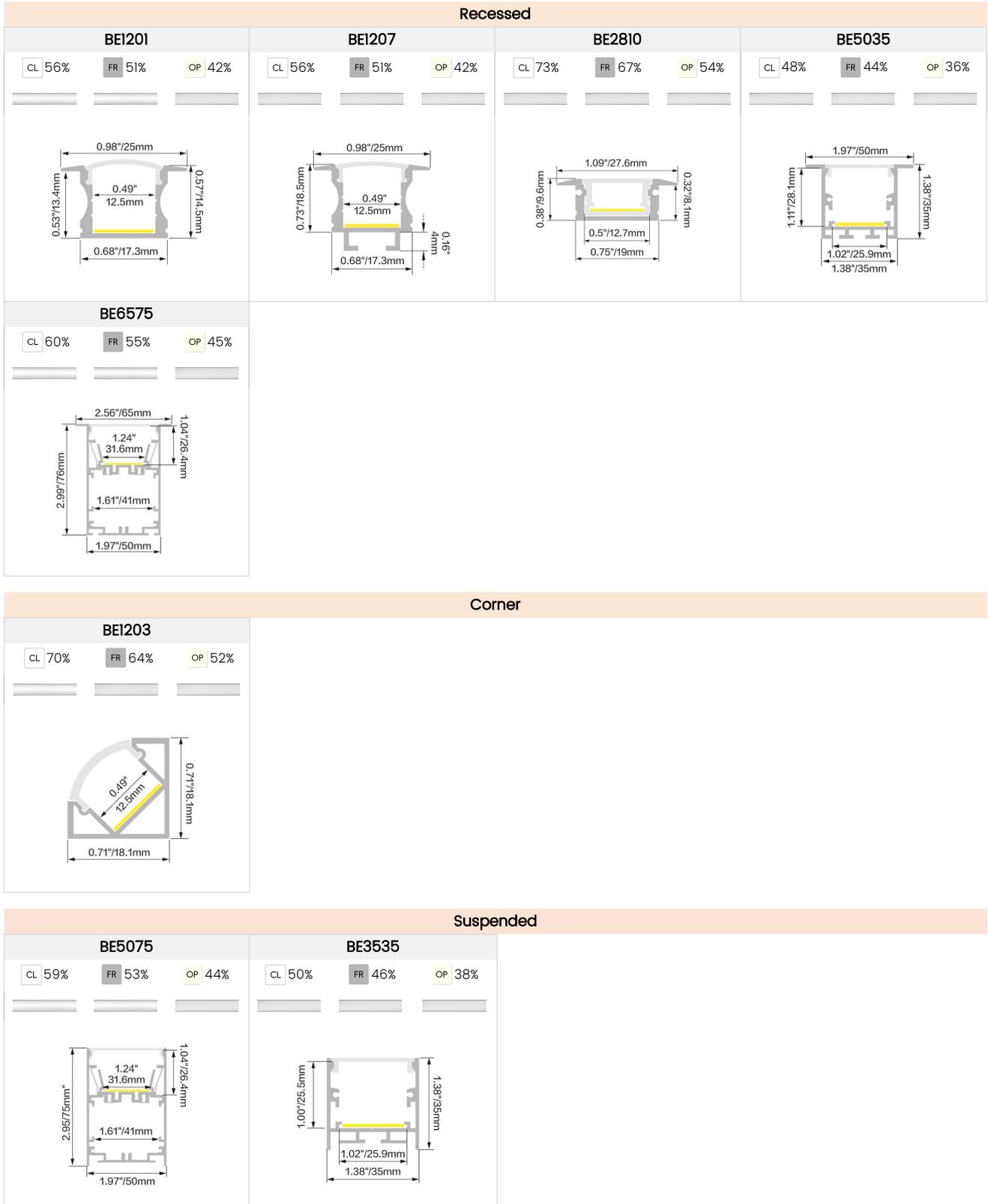
OP Opal

Surface			
<p>BEI202</p> <p>CL 57% FR 52% OP 43%</p>	<p>BEI206</p> <p>CL 74% FR 67% OP 55%</p>	<p>BEI302</p> <p>CL 77% FR 70% OP 57%</p>	<p>BEI910</p> <p>CL 70% FR 64% OP 52%</p>
<p>BEI919</p> <p>CL 70% FR 64% OP 52%</p>	<p>BE2020</p> <p>CL 73% FR 66% OP 54%</p>	<p>BE2601</p> <p>CL 78% FR 72% OP 59%</p>	

Mud-In	
<p>BE5615</p> <p>CL 55% FR 50% OP 41%</p>	<p>BE7615</p> <p>CL 66% FR 60% OP 49%</p>

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Specialty			
<p>BE1402 Wall lighting</p> <p>CL 50% FR 46% OP 38%</p>	<p>BE1403 Wall lighting</p> <p>CL 69% FR 63% OP 51%</p>	<p>BE3511 Borderless Bi-Color Panel</p> <p>CL 64% FR 58% OP 48%</p>	<p>BE4615 Borderless Inside Corner</p> <p>CL 55% FR 51% OP 41%</p>
<p>BE5315 Borderless Outside Corner</p> <p>CL 55% FR 50% OP 41%</p>	<p>BE6728 Staircase</p> <p>CL 50% FR 46% OP 37%</p>	<p>BE6916 Coves</p> <p>CL 55% FR 50% OP 41%</p>	<p>BE12017 Coves</p> <p>CL 45% FR 41% OP 33%</p>
<p>BE13350 Coves</p> <p>CL 62% FR 57% OP 46%</p>			

Connectors & Additional Accessories (Optional, purchase for extra)



BM-MN20-X12C-6P
Strip to strip connector, for 0.47 in. (12mm) tape, 6 pin



BM-MN20-XB12C-6P
Strip to cable connector with 5.9in. (15cm) wire, for 0.47 in. (12mm) tape, 6 pin



BM-MN20-2XB12C-6P
Strip to strip jumper connector with 5.9in. (15cm) wire, for 0.47 in. (12mm) tape, 6 pin



MC-6P-20
Male SM connector with 0.66ft (20cm) cable, 6pin, IP20Dry, 22AWG



FC-6P-20
Female SM connector with 0.66ft (20cm) cable, 6pin, IP20, Dry, 22AWG

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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	Environment	Size (L *W *H)
KVX-24100-5C-A	100W	100-277VAC	24V	Yes	Dry/Damp/Wet	9.05 x 3.07 x 0.98 in. (23.0 x 7.8 x 2.5 cm)

DMX Decoders

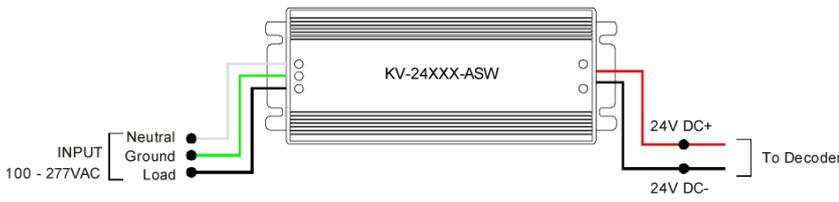
Code	Description
LT-905	5 channels output, up to 600W output power

Controllers

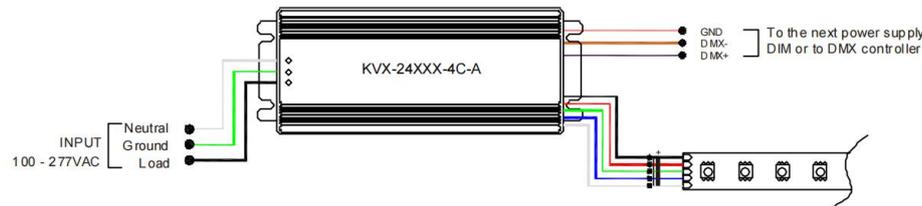
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-CW4	DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive 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	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)