

ANNO TAPE PRO RGBWW

Indoor · RGBWW

Features

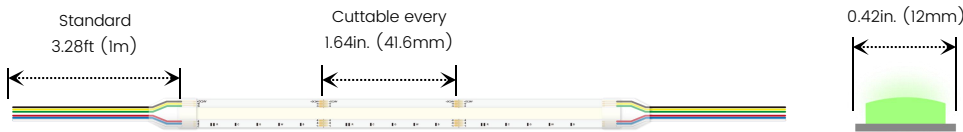
- High-density diode-free CSP tape, with changeable RGBWW colors
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power	Left Feed Entry			
ANNOP	D2-Dry (IP20)	24-DC24V	RGBWW2765- RGBWW(WW=2700K+6500K)	488-4.88W/ft	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			Illuminated Length ¹	
F Front C Closed	OW	Open wire 3.28ft (1m), 22 AWG	Max.	16.4ft (5m)
	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		

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

Assembly Builder

Left Feed Entry			
F Front C Closed	OW	Open wire 3.28ft (1m), 22 AWG	
	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	

Channel Order Code

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

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

Lumen Output (lm/ft)

Temp./Color	4.88W/ft
R	32
G	72
B	14
W27	68
W65	68
RGBWW2765	234
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	0.42in. (12mm)
LED Quantity	256 LEDs/ft (840 LEDs/M)
Beam Angle	120°
Efficacy	48lm/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	-4-113°F (-20°C- 60°C)
Ambient Temperature	-13-140°F (-20°C- 45°C)

Feed Entry Options

F: Front



C: Closed



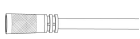
Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 22 AWG
(wire length made to order)



MC: Male connector, **Dry & Damp**,
Standard 0.66ft (20cm), 22 AWG



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

BE1201	BE1202	BE1206	BE1302
CL 56% FR 51% OP 42%	CL 57% FR 52% OP 43%	CL 74% FR 67% OP 55%	CL 77% FR 70% OP 57%
BE1910	BE1919	BE2020	BE2601
CL 70% FR 64% OP 52%	CL 70% FR 64% OP 52%	CL 73% FR 66% OP 54%	CL 78% FR 72% OP 59%

Mud-In

BE5615	BE7615
CL 55% FR 50% OP 41%	CL 66% FR 60% OP 49%

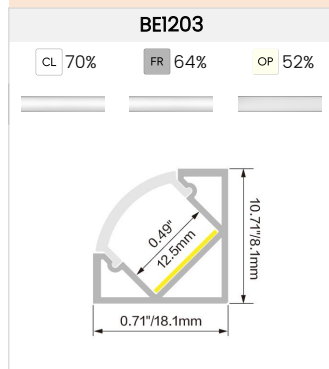
Recessed

BE1207	BE2810	BE5035	BE6575
CL 56% FR 51% OP 42%	CL 73% FR 67% OP 54%	CL 48% FR 44% OP 36%	CL 60% FR 55% OP 45%

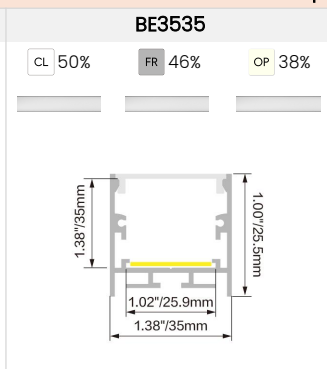
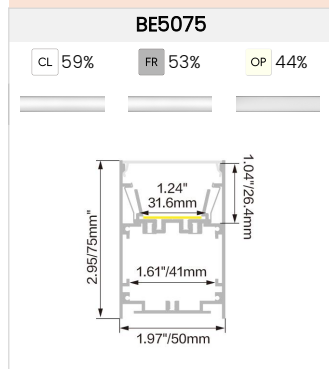
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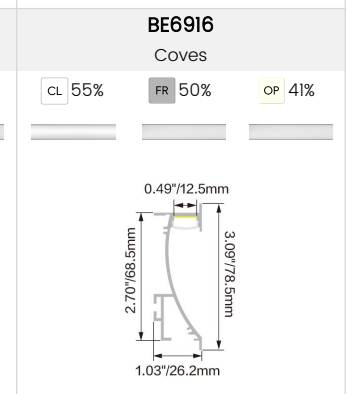
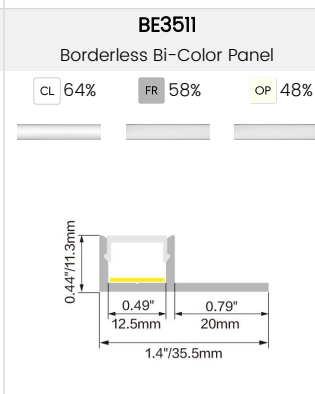
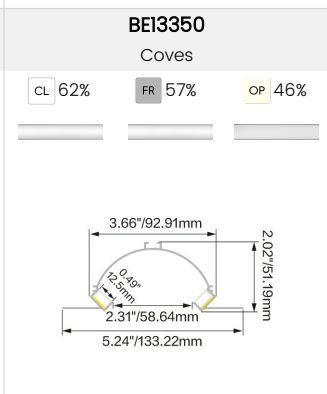
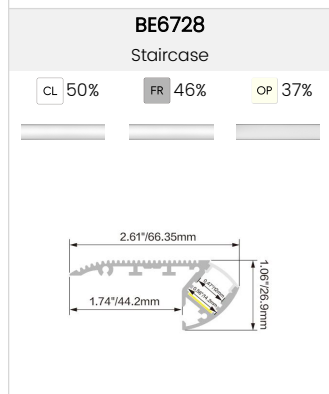
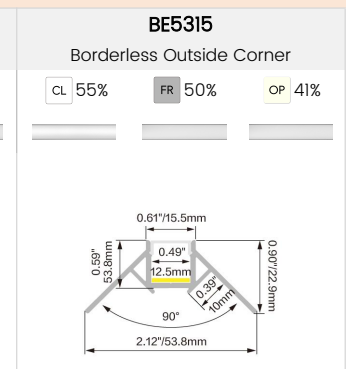
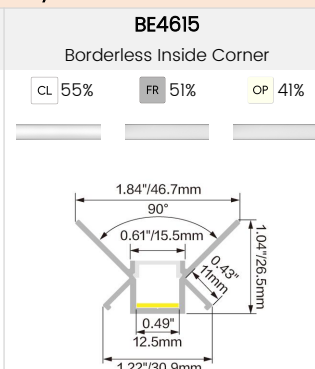
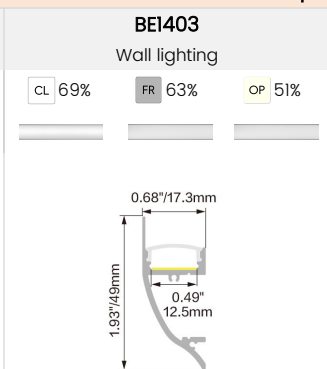
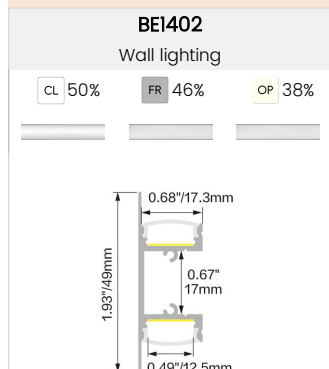
Corner



Suspended

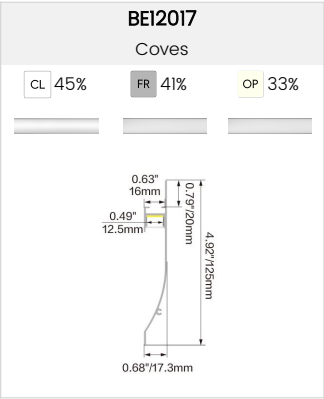


Specialty



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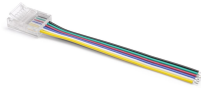
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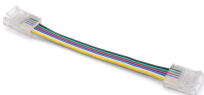
Connectors & Additional Accessories (Optional, purchase for extra)



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 5.9lin. (15cm) wire, for 0.47 in. (12mm) tape, 6 pin



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



MCB-DC-44
Male DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 22 AWG



FCB-DC-44
Female DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 22 AWG



VHB
VHB 3M adhesive back tape, stronger stickiness

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

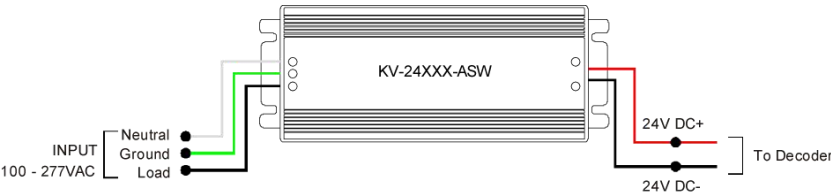
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4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

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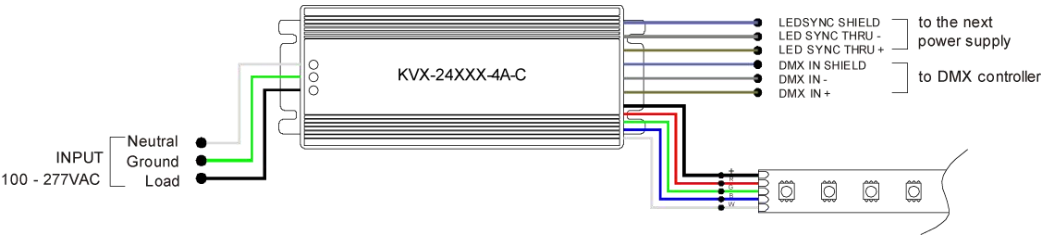
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Wiring Diagram

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)