

ANNO TAPE RGBWW

Indoor · RGBWW

Features

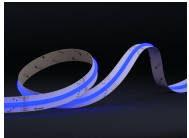
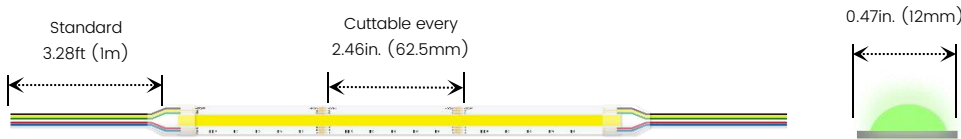
- High-density diode-free COB tape, with changeable RGBWW colors
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNO	D2-Dry (IP20)	24-DC24V	RGBWW2765- RGBWW (WW=2700K+6500K)	488-4.88W/ft

Assembly Builder

Left Feed Entry			
F	Front	OW	Open wire 3.28ft (1m), 22 AWG
	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	Max 16.4ft (5m)
C	Closed	MC	Male connector with 0.98ft (30cm) cable, 22 AWG	Increment 2.46in. (62.5mm)
		FC	Female connector with 0.98ft (30cm) 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).

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 + 3pcs mounting clips.

Lumen Output (lm/ft)

Temp./Color	4.88W/ft
R	29
G	79
B	24
W27	67
W65	72
RGBWW2765	271
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	170 LEDs/ft (560 LEDs/M)
Beam Angle	180°
Efficacy	55.5lm/W @RGBWW2765 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

F: Front



C: Closed



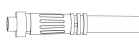
Connector Wire Options



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



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



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

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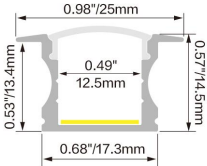
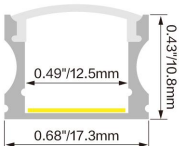
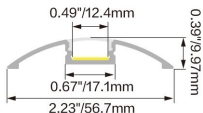
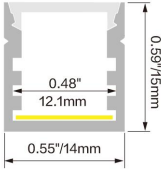
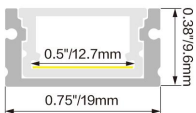
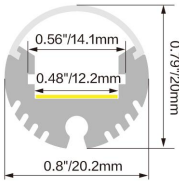
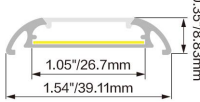
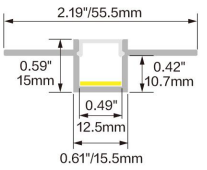
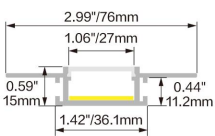
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Channel Compatibility

Lens Type & Light Transmission

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

CL Clear FR Frosted OP Opal

Surface			
BE1201 CL 52% FR 47% OP 39% 	BE1202 CL 53% FR 48% OP 40% 	BE1206 CL 69% FR 63% OP 51% 	BE1415 CL 61% FR 55% OP 45% 
BE1910 CL 66% FR 60% OP 49% 	BE2020 CL 67% FR 61% OP 50% 	BE2601 CL 75% FR 69% OP 56% 	
Mud-In			
BE5615 CL 50% FR 46% OP 38% 	BE7615 CL 63% FR 57% OP 47% 		

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Recessed			
BE1207 CL 52%FR 47%OP 39%	BE2015 CL 54%FR 49%OP 40%	BE5035 CL 45%FR 41%OP 33%	BE6575 CL 58%FR 53%OP 44%
BE2810 CL 68%FR 62%OP 51%			
Corner			
BE1203 CL 69%FR 63%OP 52%			
Suspended			
BE5075 CL 56%FR 51%OP 42%	BE60 CL 84%FR 77%OP 63%	BE3535 CL 46%FR 42%OP 35%	

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Specialty			
BE1402 Wall lighting CL 46% FR 42% OP 34%	BE1403 Wall lighting CL 66% FR 60% OP 49%	BE3511 Borderless Bi-Color Panel CL 57% FR 52% OP 42%	BE4615 Borderless Inside Corner CL 51% FR 46% OP 38%
BE5315 Borderless Outside Corner CL 49% FR 45% OP 37%	BE6728 Staircase CL 44% FR 40% OP 33%	BE6916 Cove Recessed Borderless CL 51% FR 46% OP 38%	BE12017 Toekick CL 42% FR 38% OP 31%
BE13350 Borderless Inside Corner CL 28% FR 26% OP 21%			

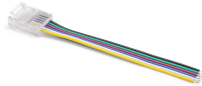
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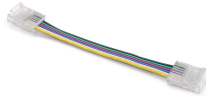
Connectors & Additional Accessories (Optional, purchase for extra)



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	With Junction Box	Environment	Size (L x W x H)
KVX-24100-5C-A	100W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	9.05 x 3.07 x 0.98in. (230 x 78x 25cm)
KVX-24150-5C-A	150W			No			10.9* x 3.07 x 0.98in. (277 x 78x 25cm)
KVX-24200-5C-A	200W						10.9* x 3.07 x 0.98in. (277 x 78x 25cm)
KVX-24300-5C-A	300W						11.85 x 3.07 x 0.98in. (301 x 78x 25cm)

DMX Decoders

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

Controllers

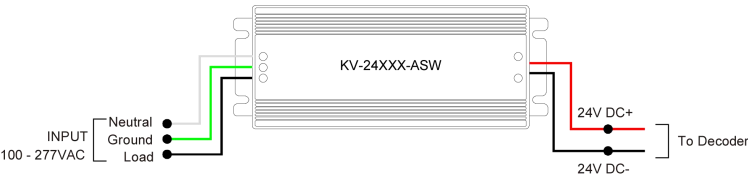
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4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

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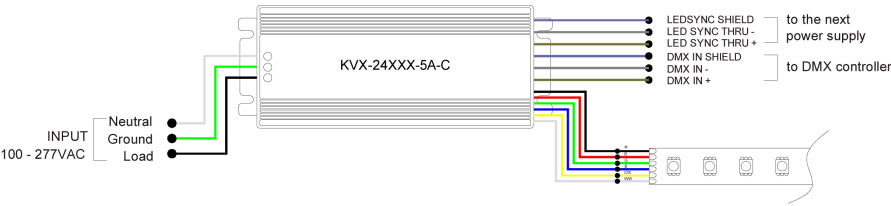
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Wiring Diagram

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)