

ANNO TAPE PIXEL RGB Indoor · Pixel RGB

Features

- High-density diode-free COB tape, addressable every increment with dynamic RGB effects
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

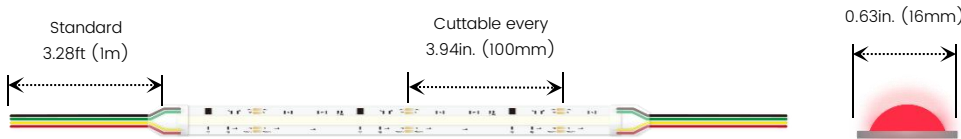
Under cabinets, coves, theme parks, bedrooms, studios, etc.



Date	Fixture type
Project name	Project phase



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
ANNO	D2-Dry (IP20)	24-DC24V	PRGB-Pixel RGB	427-4.27W/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
			Max 26.2ft (8m)
			Increment 3.94in. (100mm)

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	4.27W/ft
R	32
G	127
B	22
RGB	173
Max. Run for Class 2*	18ft (5.5m)
Max. Run Supported Length	26.2ft (8m)

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

Technical Details

Width	0.63in. (16mm)
LED Quantity	192 LEDs/ft (630 LEDs/M)
Beam Angle	180°
Efficacy	40.5lm/W @PRGB 4.27W
Pixel/ft	3
LED MacAdam	3 steps
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

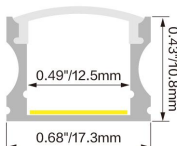
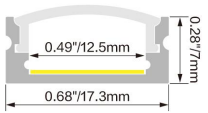
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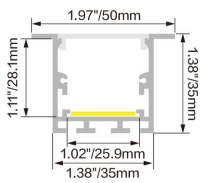
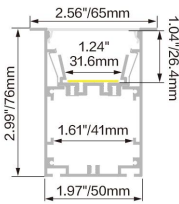
Channel Compatibility

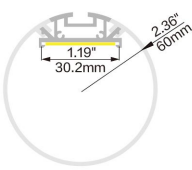
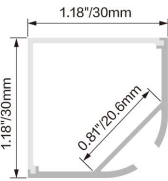
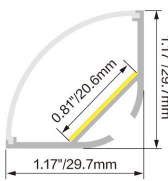
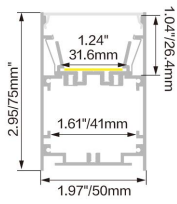
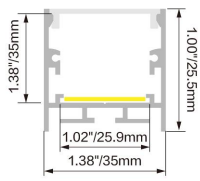
* Non-standard option, please contact us for customization support.

Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface			
BE3030-R		BE3030-S	
CL 80%	FR 73%	OP 60%	
			

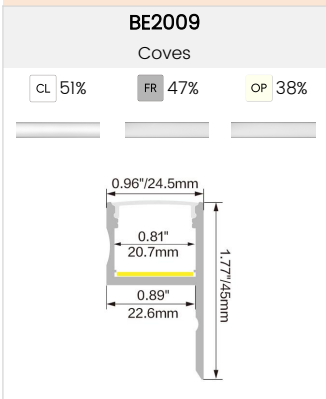
Recessed			
BE5035		BE6575	
CL 48%	FR 44%	OP 36%	
			

Suspended											
BE60		BE2003		BE2004		BE5075					
CL 88%	FR 80%	OP 66%	CL 79%	FR 72%	OP 59%	CL 80%	FR 73%	OP 60%	CL 58%	FR 53%	OP 44%
											
BE3535											
CL 49%	FR 45%	OP 37%									
											

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Specialty



Connectors & Additional Accessories (Optional, purchase for extra)



- NCO-STCN-4P-10**
Strip to cable connector without wire, for 0.39in. (10mm) tape, 4 pin
- NCO-STC-4P-10**
Strip to cable connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 4 pin
- NCO-STSJ-4P-10**
Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 4 pin
- NCO-STMKB-4P-10**
Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 4 pin
- NCO-STMKW-4P-10**
Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 4 pin



- PMCW-4P-67**
Male connector with 0.98ft (30cm) white cable, 4 pin, IP67, Wet, 22 AWG
- PFCW-4P-67**
Female connector with 0.98ft (30cm) white cable, 4 pin, IP67, Wet, 22 AWG
- SW-3P-6**
Shielded signal wire, 3 pin, 18AWG, standard 20ft (6m), **made to order**
- SC-3P-6**
XLR3 extension signal connector, 3 pin, standard 20ft (6m), **made to order**
- NC-6**
RJ45 extension network connector, standard 20' (6m), **made to order**



- MFTCB-4P-67**
Male and female T-shaped connector with black cable, 4 pin, IP67, Wet
- VHB**
VHB 3M adhesive back tape, stronger stickiness

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Drivers

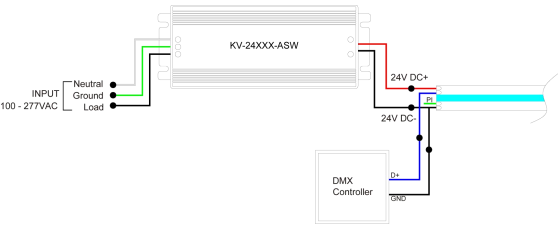
Non-dimmable							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KV-24060-ASW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KV-24096-ASW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in.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

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



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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)