ANNO TAPE RGB

Indoor ·RGB

Features

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

Date | Fixture type

Project name | Project phase

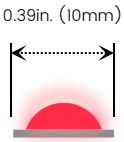
Applications

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	**RGB**-RGB	**457**-4.57W/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				Illuminated Length[1]	
F	Front	**OW**	Open wire 3.28ft (1m), 22AWG	**Max.**	16.4ft (5m)
C	Closed	**MC**	Male connector with 0.66ft (20cm) cable, 22AWG		
		FC	Female connector with 0.66ft (20cm) cable, 22AWG	**Increment**	1.57in (50mm)
		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 □ **W** = White lacquered ■ **B** = Black anodized	**OP** - Opal **FR** - Frosted **CL** - Clear	**3.28ft** (1m) **6.56ft** (2m)

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

Lumen Output (lm/ft)

Temp./Color	4.57W/ft
R	50
G	111
B	17
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	0.39in. (10mm)
LED Quantity	256 LEDs/ft (840 LEDs/M)
Beam Angle	180°
Efficacy	38.3lm/W @RGB 4.57W
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

F: Front



C: Closed



Connector Wire Options



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



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



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

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Channel Compatibility

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

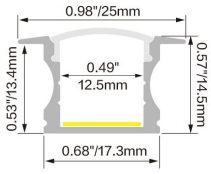
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

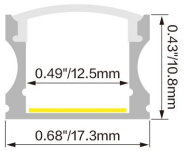
BE1201

CL 53% FR 48% OP 39%



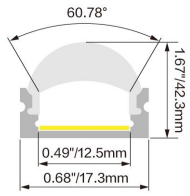
BE1202

CL 53% FR 48% OP 40%



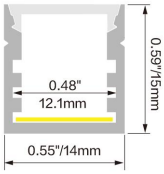
BE1302

CL 73% FR 67% OP 55%



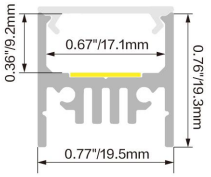
BE1415

CL 44% FR 41% OP 33%



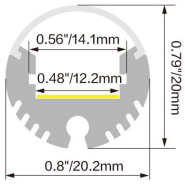
BE1919

CL 66% FR 60% OP 49%



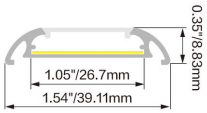
BE2020

CL 66% FR 60% OP 49%



BE2601

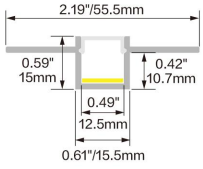
CL 37 FR 34% OP 21%



Mud-In

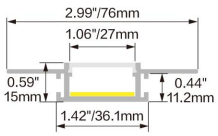
BE5615

CL 49% FR 45% OP 37%



BE7615

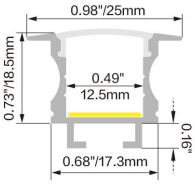
CL 62% FR 57% OP 46%



Recessed

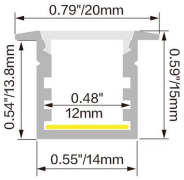
BE1207

CL 52% FR 48% OP 39%



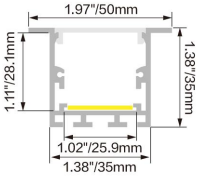
BE2015

CL 47% FR 43% OP 35%



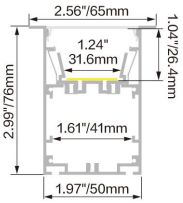
BE5035

CL 48% FR 43% OP 36%



BE6575

CL 57% FR 52% OP 42%



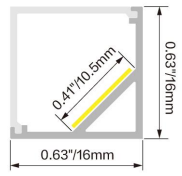
ANNO TAPE RGB

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Corner

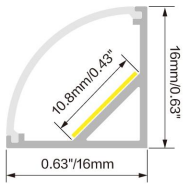
BE1001

CL 78% FR 71% OP 58%



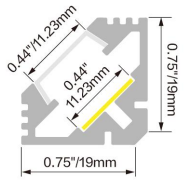
BE1002

CL 77% FR 71% OP 58%



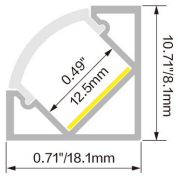
BE1101

CL 47% FR 43% OP 35%



BE1203

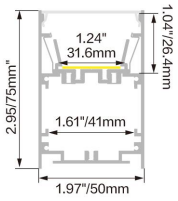
CL 65% FR 60% OP 49%



Suspended

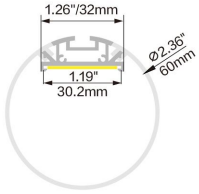
BE5075

CL 59% FR 53% OP 44%



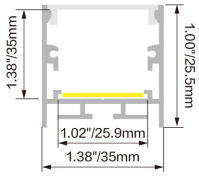
BE60

CL 83% FR 76% OP 62%



BE3535

CL 49% FR 44% OP 36%

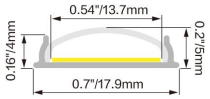


Specialty

BE1806

Bendable surface mounted

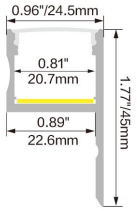
CL 79% FR 72% OP 59%



BE2009

Coves

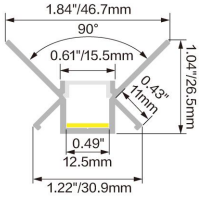
CL 4843% FR 45% OP 36%



BE4615

Borderless Inside Corner

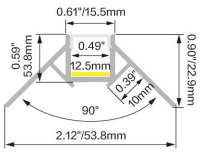
CL 53% FR 48% OP 49%



BE5315

Borderless Outside Corner

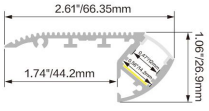
CL 49% FR 44% OP 36%



BE6728

Staircase

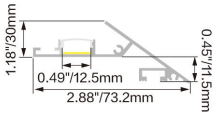
CL 44% FR 40% OP 33%



BE7030

Cove Recessed Borderless

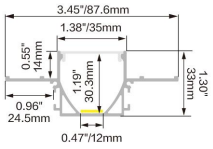
OP 56%



BE8833

Cove Recessed / Double-Layer Borderless

CL 53% FR 48% OP 40%



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Connectors (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 5.91in. (15cm) wire, for 0.39in. (10mm) tape, 4 pin



NCO-STSJ-4P-10
Strip to strip jumper connector with 5.91in. (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

N14CO-STS-4P-10
Strip to strip connector, for 0.39in. (10mm) tape, 4 pin



MCW-4P-67
Male connector with 0.98ft (30cm) white cable, 4 pin, IP67, Wet, 20 AWG



FCW-4P-67
Female connector with 0.98ft (30cm) white cable, 4 pin, IP67, Wet, 20 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-24100-3C-A	100W	100-277VAC	24V	Yes	Dry/Damp/Wet	9.05 × 3.07 × 0.98 in. (23.0 × 7.8 × 2.5 cm)

DMX Decoders

Code	Description
LT-903	3 channels output, up to 576W output power
LT-912	12 channels output, up to 1152W output power
LT-924	24 channels output, up to 1728W output power

Controllers

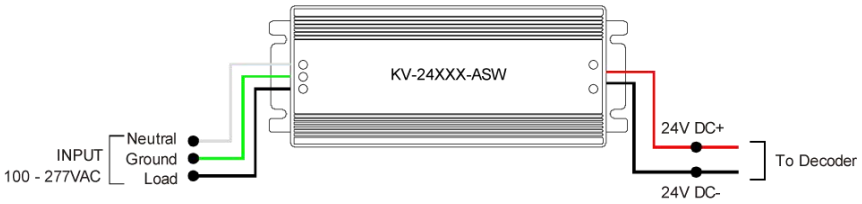
Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4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

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Wiring Diagram

Non-dimmable



DMX-dimmable



ANNO TAPE RGB

Indoor ·RGB

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	20AWG	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)