ANNO TAPE PRO RGBW

Indoor · RGBW

Features

- High-density diode-free CSP tape, with changeable RGBW colors
- IP20 rated, ideal for indoor non-condensing 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
ANNOP	**D2-**Dry (IP20)	**24V-**DC24V	**RGBW40K-**RGBW (W=4000K)	**160-**16W/M

Assembly Builder

Left Feed Entry			
F	Front	**OW**	Open wire 15cm (5.9in.), 20 AWG
C	Closed	**MC**	Male connector with 20cm (0.66ft) cable, 22 AWG
		FC	Female connector with 20cm (0.66ft) cable, 22 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry				Length	
F	Front	**OW**	Open wire 15cm (5.9in.), 20 AWG	**Max**	5m(16.4ft)
C	Closed	**MC**	Male connector with 20cm (0.66ft) cable, 22 AWG		
		FC	Female connector with 20cm (0.66ft) cable, 22 AWG	**Increment**	62.5mm(2.46in.)
		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	**1m** (3.28ft)
	W = White lacquered	**FR** - Frosted	**2m** (6.56ft)
	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/m)

Temp./Color	16W/M
R	369
G	384
B	84
W40	301
RGBW40	811
Max. Run Length (M)	5

Technical Details	
Width	12mm(0.47in.)
LED Quantity	896 LEDs/M(273 LEDs/ft)
Beam Angle	120°
Efficacy	50.7lm/W @RGBW40 16W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 30,000 hours
Max. Length Per Reel	10M(32.8ft)
Storage Temperature	-25℃~60℃
Ambient Temperature	-20℃~45℃

Feed Entry Options
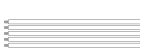
F: Front



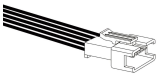
C: Closed



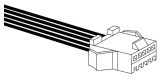
Connector Wire Options



OW: Open wire, **Dry only**
Standard 15cm (5.9in.), 22 AWG
(wire length made to order)



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



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

ANNO TAPE PRO RGBW

Indoor · RGBW

Channel Compatibility

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

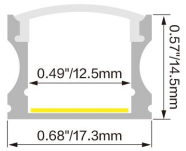
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface

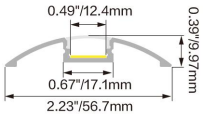
BE1202

CL 62% FR 57% OP 46%



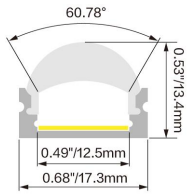
BE1206

CL 77% FR 70% OP 57%



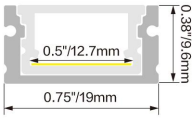
BE1302

CL 81% FR 74% OP 61%



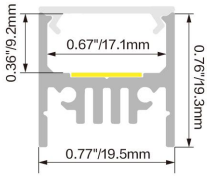
BE1910

CL 76% FR 69% OP 57%



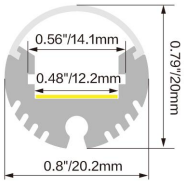
BE1919

CL 51% FR 46% OP 38%



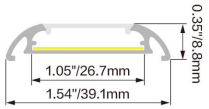
BE2020

CL 77% FR 70% OP 57%



BE2601

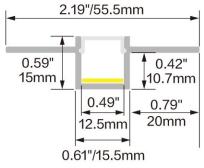
CL 82% FR 74% OP 61%



Mud-In

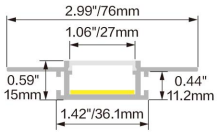
BE5615

CL 58% FR 53% OP 43%



BE7615

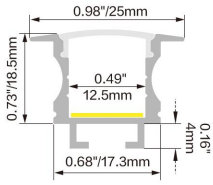
CL 70% FR 64% OP 52%



Recessed

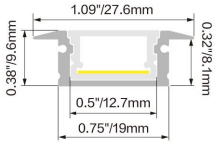
BE1207

CL 61% FR 55% OP 45%



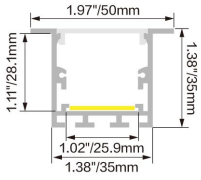
BE2810

CL 78 FR 71% OP 58%



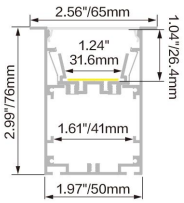
BE5035

CL 52% FR 47% OP 39%



BE6575

CL 63% FR 58% OP 47%



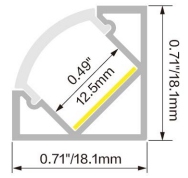
ANNO TAPE PRO RGBW

Indoor · RGBW

Corner

BE1203

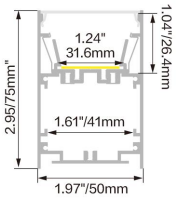
CL 74% FR 68% OP 55%



Suspended

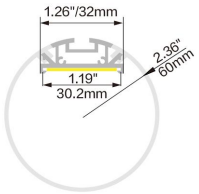
BE5075

CL 63% FR 58% OP 47%



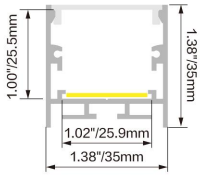
BE60

CL 92% FR 84% OP 68%



BE3535

CL 54% FR 49% OP 40%



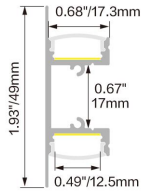
ANNO TAPE PRO RGBW

Indoor · RGBW

Specialty

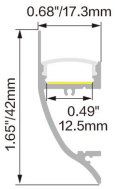
BE1402
Wall lighting

CL 54% FR 49% OP 40%



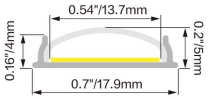
BE1403
Wall lighting

CL 75% FR 69% OP 56%



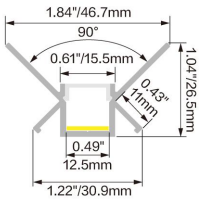
BE1806
Bendable surface mounted

CL 89% FR 82% OP 67%



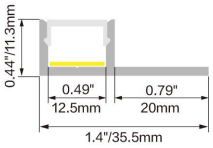
BE4615
Borderless Inside Corner

CL 58% FR 53% OP 43%



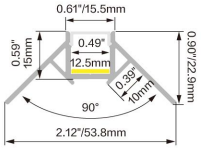
BE3511
Borderless Bi-Color Panel

CL 65% FR 60% OP 49%



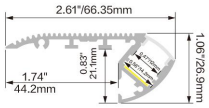
BE5315
Borderless Outside Corner

CL 57% FR 52% OP 43%



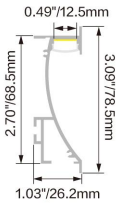
BE6728
Staircase

CL 54% FR 50% OP 41%



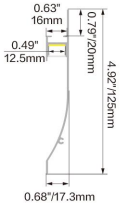
BE6916
Coves

CL 58% FR 53% OP 43%



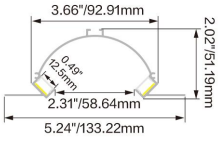
BE12017
Coves

CL 51% FR 47% OP 38%



BE13350
Coves

CL 64% FR 58% OP 48%



Connectors & Additional Accessories (Optional, purchase for extra)



MC-5P-20
Male SM connector with 20cm (0.66ft) cable, 5pin, IP20,Dry, 22AWG



FC-5P-20
Female SM connector with 20cm (0.66ft) cable, 5pin, IP20, Dry, 22AWG



VHB
VHB 3M adhesive back tape, stronger stickiness

ANNO TAPE PRO RGBW Indoor · RGBW

Drivers

Non-dimmable

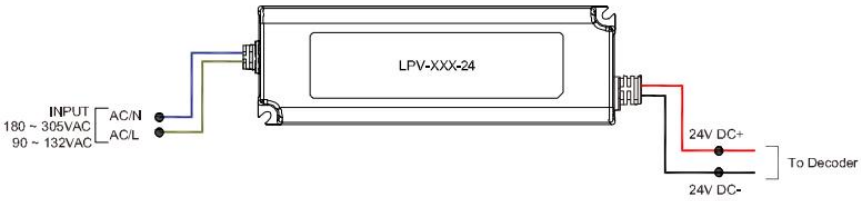
Code	Max Load	Input	Output	Environment	Size (L x W x H)
XLG-150-24-A	150W	100-305VAC	24V	Dry/Damp/IP67	180 * 63 * 35.5 mm
LPV-150-24	150W	180-305VAC		Dry/Damp/IP67	148 * 40 * 30 mm
LRS-150-24	150W	85-132VAC / 170-264VAC		Dry	99 * 97 * 30 mm

DMX-Decoders & Controllers Options

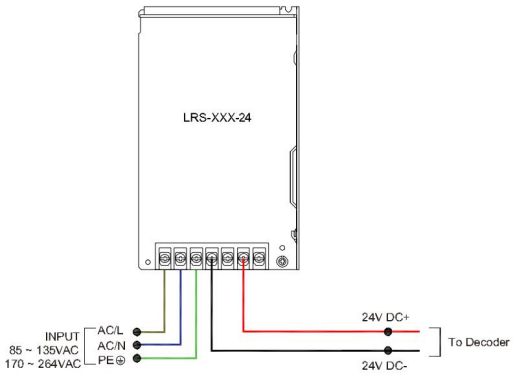
Type	Code	Description	Environment	Size (L *W *H)
DMX Decoders	D4-F	4 channels output, Max. 5A current per channel, up to 480W output power	Indoor	175 * 42 * 33 mm
Controllers	EX4S	512 DMX channels	Indoor	86 * 86 * 36 mm
Power Repeaters	LT-3040-5A	4 channels output, Max. 5A current per channel, up to 480W output power	Indoor	175 * 44 * 30 mm
Signal Amplifier	LT-123	DMX(485) signal amplifier, 1 input / 3 outputs	Indoor	192 * 80 * 41 mm

Wiring Diagram

Non-dimmable



Non-dimmable



ANNO TAPE PRO RGBW

Indoor · RGBW

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	484.0m	304.5m	191.4m	120.4m	75.5m	47.5m	29.8m	18.5m
20W / 0.8A	242.0m	152.1m	95.7m	60.0m	37.8m	23.7m	14.9m	9.1m
30W / 1.3A	161.2m	101.5m	63.7m	39.9m	24.9m	15.8m	9.7m	6.1m
40W / 1.7A	121.0m	75.9m	47.8m	29.8m	18.9m	11.8m	7.3m	4.5m
50W / 2.1A	96.6m	60.6m	38.1m	24.0m	14.9m	9.4m	5.7m	3.6m
60W / 2.5A	80.4m	50.6m	31.7m	19.8m	12.5m	7.9m	4.8m	3.0m
70W / 2.9A	68.8m	43.2m	27.1m	17.0m	10.6m	6.7m	4.2m	2.4m
80W / 3.3A	60.3m	37.8m	23.7m	14.9m	9.4m	5.7m	3.6m	2.1m
90W / 3.8A	53.6m	33.8m	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m
100W / 4.2A	48.1m	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m
110W / 4.6A	43.8m	27.4m	17.3m	10.6m	6.7m	4.2m	2.7m	1.5m
120W / 5.0A	40.2m	25.3m	15.8m	9.7m	6.1m	3.9m	2.4m	1.5m
130W / 5.4A	37.1m	23.1m	14.6m	9.1m	5.7m	3.6m	2.1m	1.2m
140W / 5.8A	34.4m	21.6m	13.4m	8.5m	5.1m	3.3m	2.1m	1.2m
150W / 6.3A	32.0m	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m
160W / 6.7A	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m	0.9m
170W / 7.1A	28.3m	17.6m	10.9m	7.0m	4.2m	2.7m	1.5m	0.9m
180W / 7.5A	26.8m	16.7m	10.3m	6.7m	3.9m	2.4m	1.5m	0.9m
190W / 7.9A	25.3m	15.8m	10.0m	6.0m	3.9m	2.4m	1.5m	0.9m
200W / 8.3A	24.0m	14.9m	9.4m	5.7m	3.6m	2.1m	1.2m	0.9m
210W / 8.8A	22.8m	14.3m	8.8m	5.4m	3.3m	2.1m	1.2m	0.6m
220W / 9.2A	21.9m	13.7m	8.5m	5.4m	3.3m	2.1m	1.2m	0.6m
230W / 9.6A	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m	1.2m	0.6m
240W / 10.0A	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m	0.6m
250W / 10.4A	19.2m	12.1m	7.6m	4.5m	2.7m	1.8m	0.9m	0.6m