

ANNO TAPE FREE CUT TW Indoor · Tunable White

Features

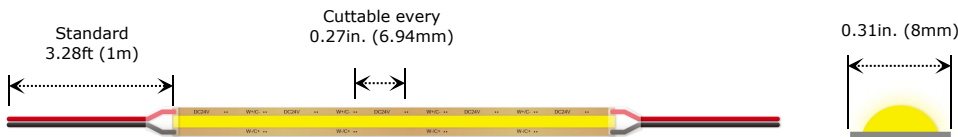
- Free cuttable anywhere, tunable white from 2700K to 6500K
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
ANNOFC	D2-Dry (IP20)	24V-DC24V	27K65K-2700K+6500K	2.4-2.44W/ft

Assembly Builder

Left Feed Entry			
F	Front	OW	Open wire 3.28ft (1m), 20 AWG
C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
		FC	Female connector with 0.66ft (20cm) cable, 20 AWG
		NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			Length
F	Front	OW	Open wire 3.28ft (1m), 20 AWG
C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
		FC	Female connector with 0.66ft (20cm) cable, 20 AWG
		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
☐ W	White lacquered	☐ FR	Frosted
☐ 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/ft)

CCT	2.44W/ft
2700K	134
6500K	146
2700K+6500K	140
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	0.31in. (8mm)
LED Quantity	175 LEDs/ft (576 LEDs/M)
Beam Angle	180°
Efficacy	57.3lm/W @ 2700K+6500K 2.44W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 50,000 hours
Max. Length Per Reel	98.4ft (30m)
Storage Temperature	-13~140°F (-25°C~60°C)
Ambient Temperature	-13~113°F (-25°C~45°C)

Feed Entry Options

F: Front

C: Closed



Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 20 AWG
(wire length made to order)

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

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

Channel Compatibility

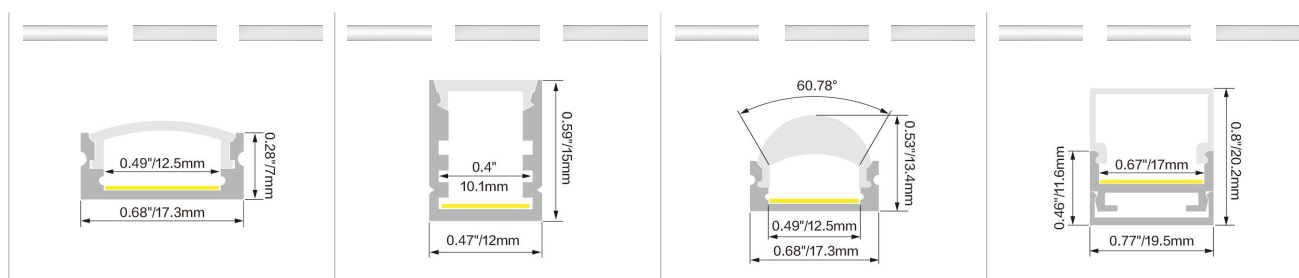
* Non-standard option, please contact us for customization support.

Lens Type & Light Transmission

☐ CL	Clear	☐ FR	Frosted	☐ OP	Opal
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Surface											
BE1205			BE1215			BE1302			BE1602		
☐ CL	58%	☐ FR	53%	☐ OP	43%	☐ CL	37%	☐ FR	33%	☐ OP	27%
☐ CL	55%	☐ FR	50%	☐ OP	41%	☐ CL	60%	☐ FR	55%	☐ OP	45%

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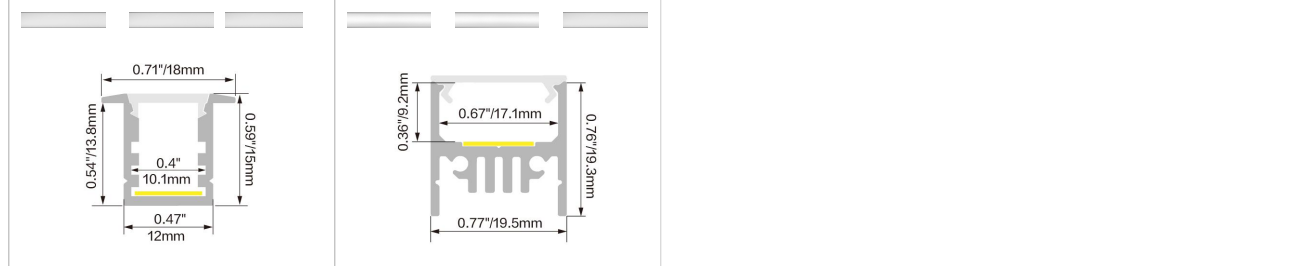


BE1815

CL 33% FR 30% OP 25%

BE1919

CL 54% FR 49% OP 40%



Mud-In

BE7615

CL 47% FR 43% OP 35%



Recessed

BE1204

CL 56% FR 51% OP 42%

BE1615

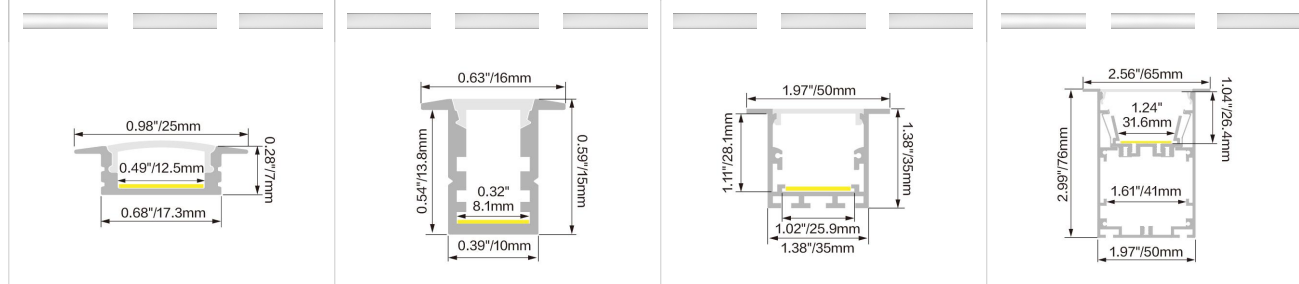
CL 23% FR 21% OP 17%

BE5035

CL 34% FR 31% OP 25%

BE6575

CL 43% FR 39% OP 32%



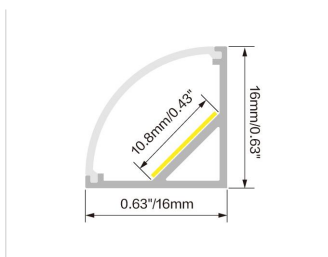
Corner

BE1002

CL 60% FR 55% OP 45%



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Suspended

BE5075	BE60
CL 42% FR 39% OP 32%	CL 68% FR 62% OP 50%

Specialty

BE1806 Bendable surface mounted	BE2009 Coves	BE2411 Borderless Bi-Color Panel	BE6728 Staircase
CL 62% FR 56% OP 46%	CL 36% FR 33% OP 27%	CL 57% FR 52% OP 42%	CL 34% FR 31% OP 25%
BE7030 Cove Recessed Borderless	BE8833 Cove Recessed / Double-Layer Borderless		
OP 44%	CL 41% FR 37% OP 30%		

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Connectors & Additional Accessories (Optional, purchase for extra)



N6012-STCN-2P-10

Strip to cable connector without wire, for 0.39in. (10mm) tape, 2 pin



N6012-STC-2P-10

Strip to cable connector with 5.91in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin



N6012-STSJ-2P-10

Strip to strip jumper connector with 5.91in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin



N6012-STDCB-2P-10

Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 2 pin



N6012-STDCW-2P-10

Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 2 pin



N6012-STIS-2P-10

Strip to strip connector, for 0.39in. (10mm) tape, 2 pin



C6012-LC-2P-10

L-shaped corner connector, for 0.39in. (10mm) tape, 2 pin



C6012-RC-2P-10

R-shaped corner connector, for 0.39in. (10mm) tape, 2 pin



MCB-DC-44

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



FCB-DC-44

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

Drivers

Non-dimmable

Code	Max Load	Input	Output	Class 2	Environment	Size (L *W *H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	Dry/Damp	6.1×2.1×0.8in. (15.5×5.4×2.0cm)
KV-24060-ASW	60W				Dry/Damp/Wet	7.0×2.4×0.9in. (17.8×6.1×2.4cm)
KV-24096-ASW	96W					9.1×2.8×1.7in. (23.0×7.0×4.3cm)

Controllers

Code	Description	Environment	Size (L*W*H)
V2-S & R7-1	2 Colors 2 Wires LED Strip Controller, match with single zone R7-1 Color Temperature Remote, CE certified	Dry	4.7×1.7×1.1in. (12.0×4.3×2.7cm)

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	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)

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240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)