

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.



Date	Fixture type
Project name	Project phase



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	Increment 1.97in. (50mm)
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	3.28ft (1m)
	□ W = White lacquered	FR - Frosted	6.56ft (2m)
	■ 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



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

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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

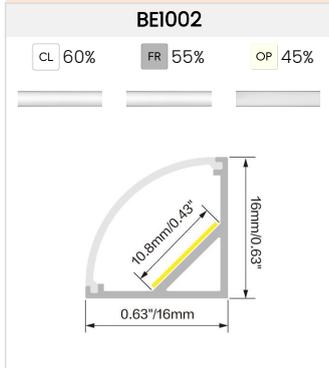
Surface			
<p><b>BEI205</b></p> <p>CL 58%   FR 53%   OP 43%</p>	<p><b>BEI215</b></p> <p>CL 37%   FR 33%   OP 27%</p>	<p><b>BEI302</b></p> <p>CL 55%   FR 50%   OP 41%</p>	<p><b>BEI602</b></p> <p>CL 60%   FR 55%   OP 45%</p>
<p><b>BEI815</b></p> <p>CL 33%   FR 30%   OP 25%</p>	<p><b>BEI919</b></p> <p>CL 54%   FR 49%   OP 40%</p>		

Mud-In
<p><b>BE7615</b></p> <p>CL 47%   FR 43%   OP 35%</p>

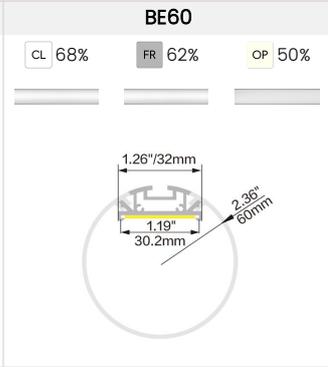
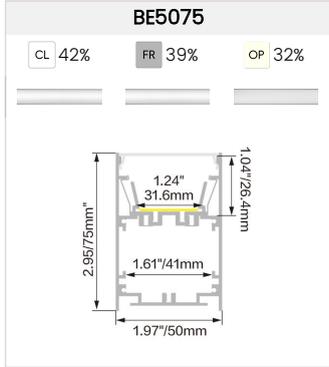
Recessed			
<p><b>BEI204</b></p> <p>CL 56%   FR 51%   OP 42%</p>	<p><b>BEI615</b></p> <p>CL 23%   FR 21%   OP 17%</p>	<p><b>BE5035</b></p> <p>CL 34%   FR 31%   OP 25%</p>	<p><b>BE6575</b></p> <p>CL 43%   FR 39%   OP 32%</p>

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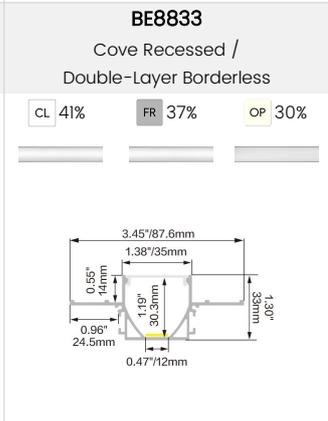
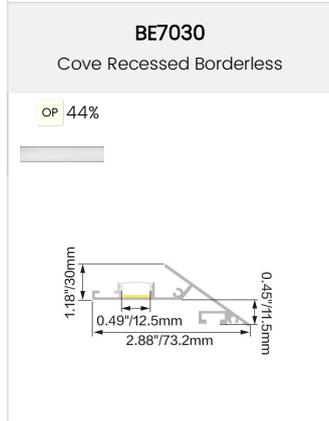
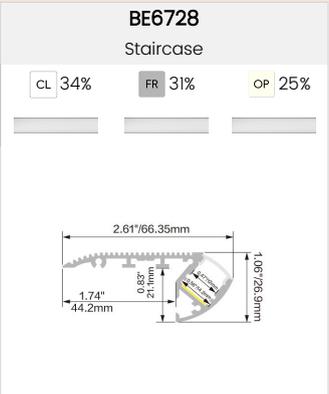
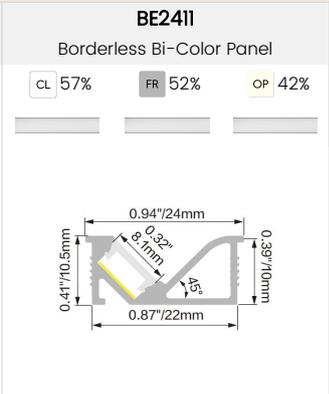
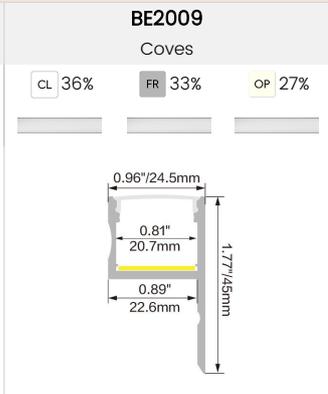
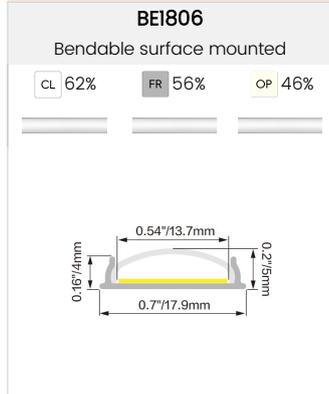
**Corner**



**Suspended**



**Specialty**



**ANNO TAPE FREE CUT TW** Indoor · Tunable White

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 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin



**N6012-STSJ-2P-10**  
Strip to strip jumper connector with 5.9in. (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-STSS-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**

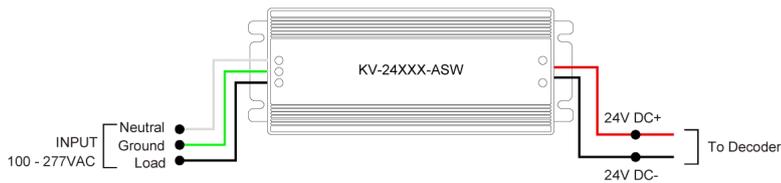
Code	Max Load	Input	Output	Class 2	Environment	Size (L*W*H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	Dry/Damp	6.1×2.1×0.8in. (15.5×5.4×2.0cm)
KV-24060-ASW	60W					7.0×2.4×0.9in. (17.8×6.1×2.4cm)
KV-24096-ASW	96W					9.1×2.8×1.7in. (23.0×7.0×4.3cm)

**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
<b>10W / 0.4A</b>	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
<b>20W / 0.8A</b>	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
<b>30W / 1.3A</b>	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
<b>40W / 1.7A</b>	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
<b>50W / 2.1A</b>	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
<b>60W / 2.5A</b>	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
<b>70W / 2.9A</b>	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
<b>80W / 3.3A</b>	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
<b>90W / 3.8A</b>	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
<b>100W / 4.2A</b>	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
<b>110W / 4.6A</b>	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
<b>120W / 5.0A</b>	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
<b>130W / 5.4A</b>	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
<b>140W / 5.8A</b>	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
<b>150W / 6.3A</b>	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
<b>160W / 6.7A</b>	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
<b>170W / 7.1A</b>	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
<b>180W / 7.5A</b>	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
<b>190W / 7.9A</b>	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
<b>200W / 8.3A</b>	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
<b>210W / 8.8A</b>	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
<b>220W / 9.2A</b>	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
<b>230W / 9.6A</b>	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
<b>240W / 10.0A</b>	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
<b>250W / 10.4A</b>	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)