

ANNO TAPE FREE CUT TW Indoor · Tunable White

Features

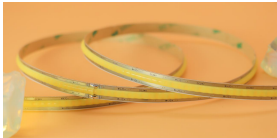
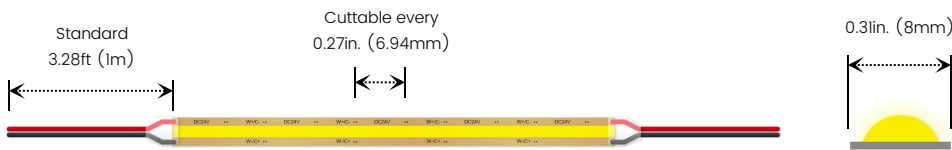
- Free cuttable anywhere, tunable white from 2700K to 6500K
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

| Series | Environment   | Voltage  | Temp./Color      | Power        |
|--------|---------------|----------|------------------|--------------|
| ANNOFC | D2-Dry (IP20) | 24-DC24V | 2765-2700K+6500K | 244-2.44W/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 |        |    | Illuminated Length <sup>1</sup>                   |
|------------------|--------|----|---------------------------------------------------|
| 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                        |

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 <sup>1</sup>                       | Colors                                                           | Lens                                    | Lengths                    |
|-------------------------------------------------|------------------------------------------------------------------|-----------------------------------------|----------------------------|
| Please select on the Channel Compatibility page | S = Silver anodized<br>W = White lacquered<br>B = Black anodized | OP - Opal<br>FR - Frosted<br>CL - Clear | 3.28ft (1m)<br>6.56ft (2m) |

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

Lumen Output (lm/ft)

| Temp./Color               | 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                | 0.3lin. (8mm)               |
| LED Quantity         | 175 LEDs/ft (576 LEDs/M)    |
| Beam Angle           | 180°                        |
| Efficacy             | 57.4lm/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 (0-60°C)          |
| Ambient Temperature  | -4-104°F(-20-40°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

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## Channel Compatibility

## Lens Type &amp; Light Transmission

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

CL Clear

FR Frosted

OP Opal

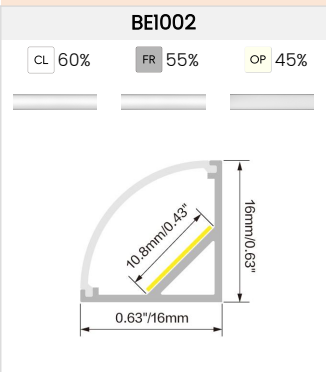
| Surface                                                                                      |                                                                                              |                                                                                              |              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

| Mud-In                                                                                       |  |  |  |
|----------------------------------------------------------------------------------------------|--|--|--|
| <div>BE7615</div> <div><div>CL 47%</div><div>FR 43%</div><div>OP 35%</div></div> <div></div> |  |  |  |

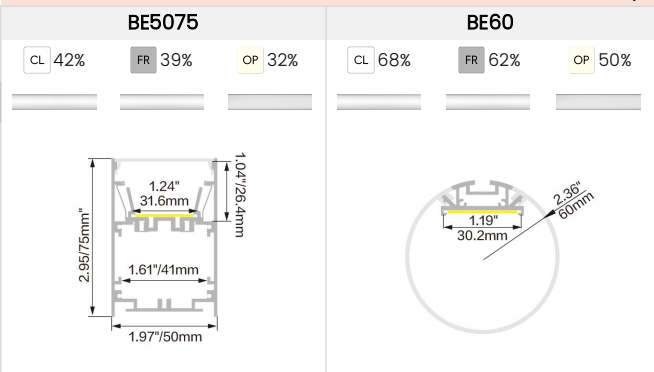
| Recessed                                                                                     |                                                                                              |                                                                                              |              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

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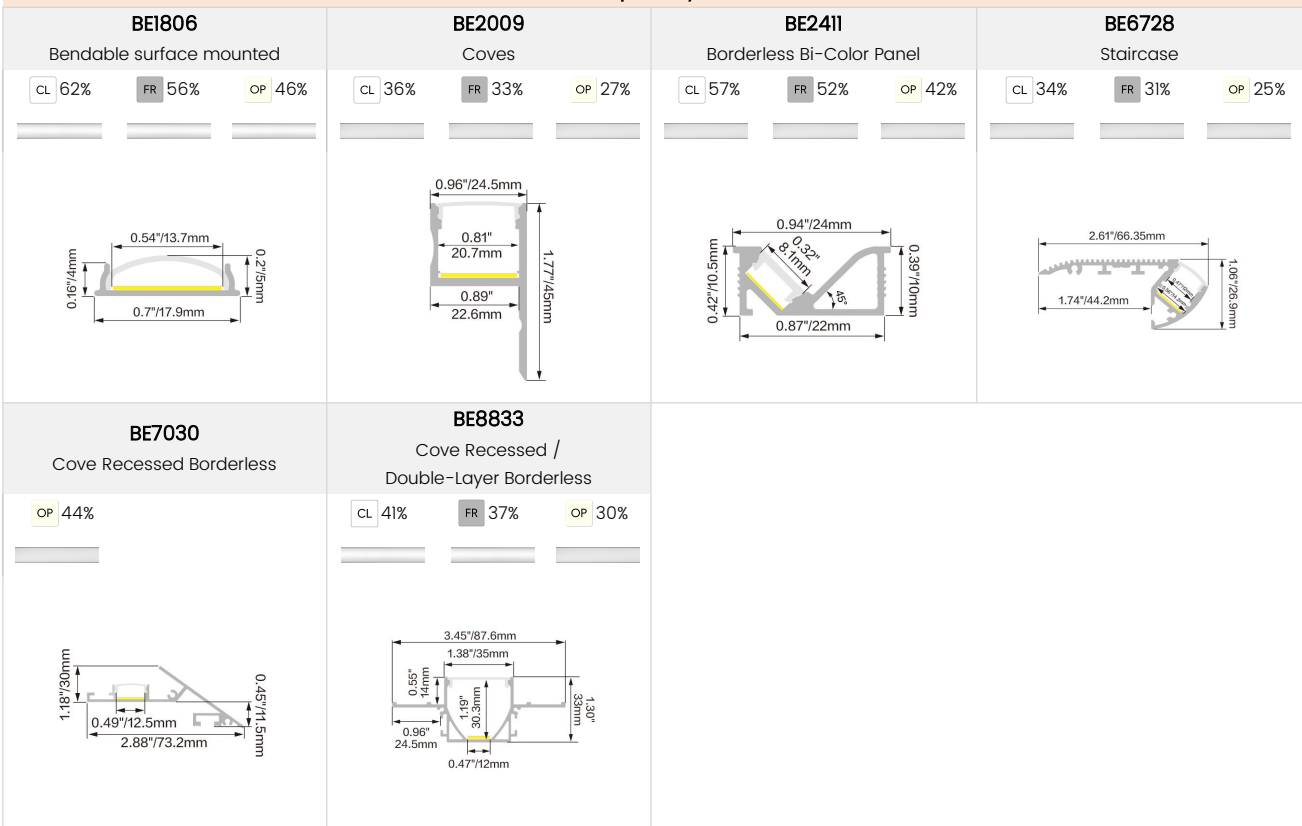
Corner



Suspended



Specialty



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Connectors & Additional Accessories (Optional, purchase for extra)



**N60CO-STCN-2P-8**  
Strip to cable connector without wire, for 0.3lin. (8mm) tape, 2 pin



**N60CO-STC-2P-8**  
Strip to cable connector with 5.9lin. (15cm) wire, for 0.3lin. (8mm) tape, 2 pin



**N60CO-STSJ-2P-8**  
Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.3lin. (8mm) tape, 2 pin



**N60CO-STDCB-2P-8**  
Strip to cable with black male & female connector, for 0.3lin. (8mm) tape, 2 pin



**N60CO-STDCW-2P-8**  
Strip to cable with white male & female connector, for 0.3lin. (8mm) tape, 2 pin



**NI4CO-ST5-2P-8**  
Strip to strip connector, for 0.3lin. (8mm) tape, 2 pin



**CI4CO-LC-2P-8**  
L-shaped corner connector, for 0.3lin. (8mm) tape, 2 pin



**CI4CO-RC-2P-8**  
R-shaped corner connector, for 0.3lin. (8mm) tape, 2 pin



**NI6CO-L-2P-8**  
L-shaped connector, for 0.3lin. (8mm) 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



**VHB**  
VHB 3M adhesive back tape, stronger stickiness

Drivers

Non-dimmable

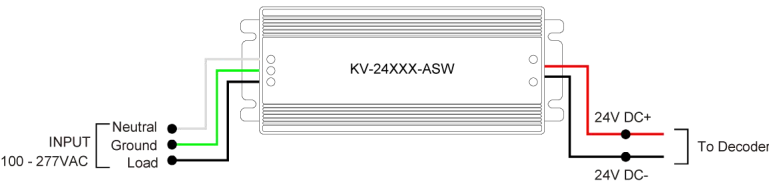
| Code         | Max Load | Input      | Output | Class 2 | Environment  | Size (L*W*H)                    |
|--------------|----------|------------|--------|---------|--------------|---------------------------------|
| KV-24030-ASW | 30W      | 100~277VAC | 24V    | Yes     | Dry/Damp     | 6.1×2.1×0.8in. (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      |            |        |         | Dry/Damp/Wet | 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  | 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)   |