

ANNO TAPE TW Indoor · Tunable White

Features

- High-density diode-free COB tape, tunable white from 2700K to 6500K
- IP20 rated, ideal for indoor 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  | Temp./Color      | Power        |
|--------|---------------|----------|------------------|--------------|
| ANNO   | D2-Dry (IP20) | 24-DC24V | 2765-2700K+6500K | 457-4.57W/ft |

Assembly Builder

|   |        | Left Feed Entry |   |
|---|--------|-----------------|---|
| F | Front  | OW              | Open wire 3.28ft (1m), 20 AWG                     |
| C | Closed | MC              | Male connector with 0.98ft (30cm) cable, 20 AWG   |
|   |        | FC              | Female connector with 0.98ft (30cm) 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                     | Max.                            | 16.4ft (5m)      |
| C | Closed | MC               | Male connector with 0.98ft (30cm) cable, 20 AWG   | Increment                       | 1.09in. (27.8mm) |
|   |        | FC               | Female connector with 0.98ft (30cm) cable, 20 AWG |                                 |                  |
|   |        | NA               | Only for Closed Feed Entry                        |                                 |                  |

Channel Order Code

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

<sup>1</sup> Production length = Illuminated length + End cap extension length (refer to below page for extension length of each end cap).

<sup>1</sup> Including 3.28ft/6.56ft lens cover + 2pcs end caps + 3pcs mounting clips.

Lumen Output (lm/ft)

| Temp./Color               | 4.57W/ft    |
|---------------------------|-------------|
| 2700K                     | 200         |
| 6500K                     | 252         |
| 2700K+6500K               | 454         |
| 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         | 175 LEDs/ft (576 LEDs/M)    |
| Beam Angle           | 180°                        |
| Efficacy             | 99.3lm/W @2700K+6500K 4.57W |
| CRI                  | Ra ≥ 90                     |
| LED MacAdam          | 3 steps                     |
| Average Life (L70)   | > 54,000 hours              |
| Max. Length Per Reel | 98.4' (30M)                 |
| Storage Temperature  | -13-140°F (-25°C-60°C)      |
| Ambient Temperature  | -4-113°F (-20°C-45°C)       |

Feed Entry Options



Connector Wire Options



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Channel Compatibility

Lens Type & Light Transmission

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

CL Clear

FR Frosted

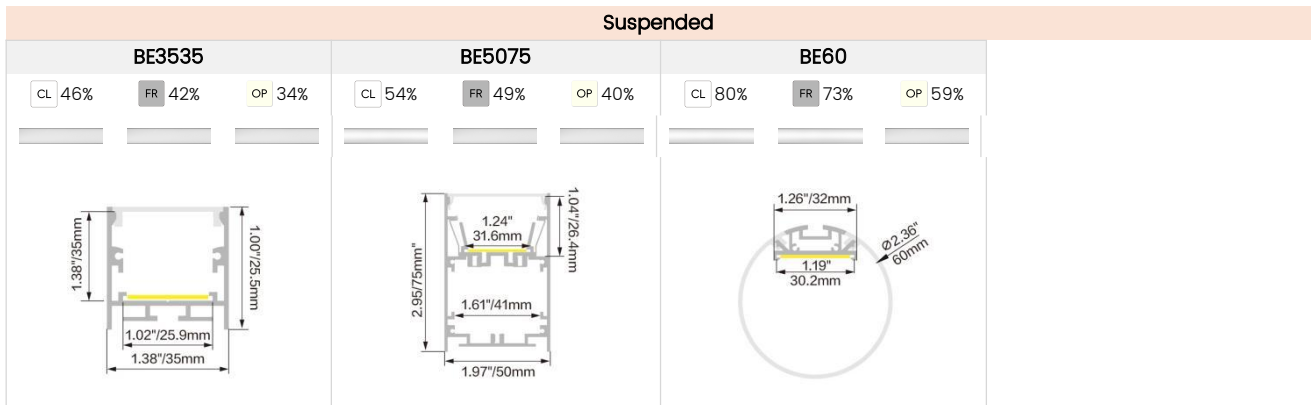
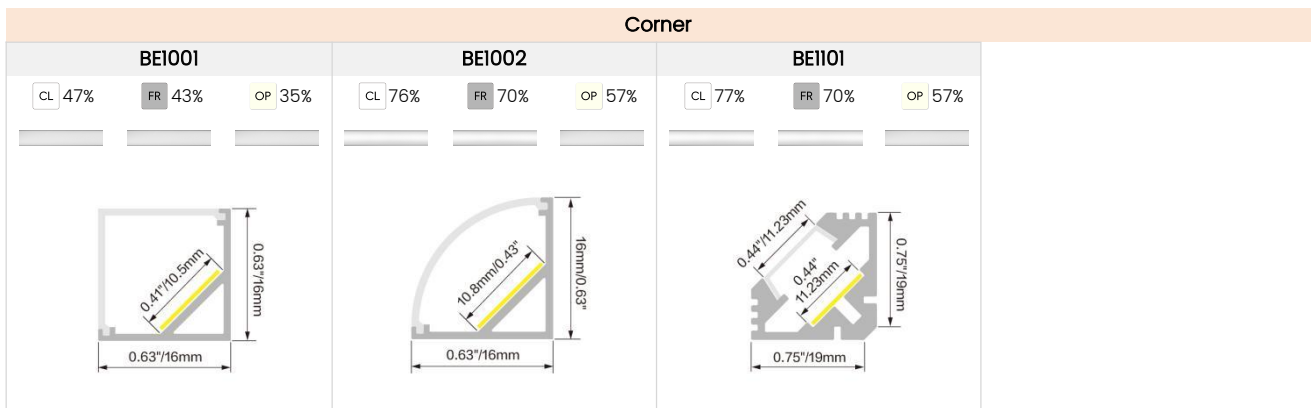
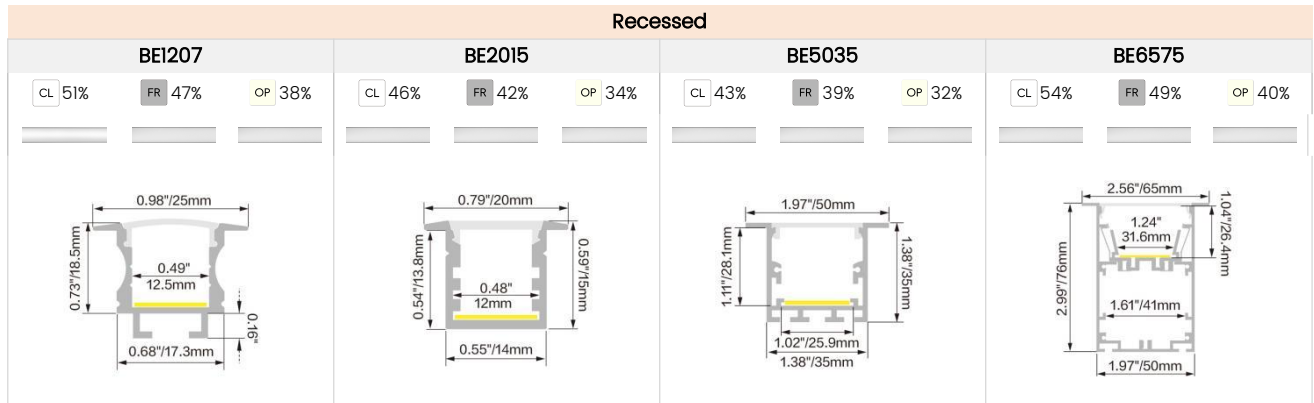
OP Opal

| Surface  |  |  |  |
|--|--|--|--|
| <p><b>BE1202</b></p> <p>CL 50%    FR 46%    OP 38%</p> | <p><b>BE1201</b></p> <p>CL 52    FR 47%    OP 39%</p>  | <p><b>BE1302</b></p> <p>CL 72%    FR 65%    OP 53%</p> | <p><b>BE1415</b></p> <p>CL 44%    FR 40%    OP 33%</p> |
| <p><b>BE1919</b></p> <p>CL 66%    FR 60%    OP 49%</p> | <p><b>BE2020</b></p> <p>CL 66%    FR 60%    OP 49%</p> | <p><b>BE2601</b></p> <p>CL 71%    FR 65%    OP 53%</p> |  |

| Mud-In   |  |
|--|--|
| <p><b>BE5615</b></p> <p>CL 48%    FR 44%    OP 36%</p> | <p><b>BE7615</b></p> <p>CL 59%    FR 54%    OP 44%</p> |

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| Specialty  |  |  |   |
|--|--|--|---|
| <p><b>BE1806</b><br/>Bendable surface mounted</p> <p>CL 78%   FR 71%   OP 58%</p>                    | <p><b>BE2009</b><br/>Coves</p> <p>CL 47%   FR 43%   OP 35%</p>     | <p><b>BE5315</b><br/>Borderless Outside Corner</p> <p>CL 47%   FR 43%   OP 35%</p> | <p><b>BE4615</b><br/>Borderless Inside Corner</p> <p>CL 50%   FR 46%   OP 63%</p> |
| <p><b>BE8833</b><br/>Cove Recessed /<br/>Double-Layer Borderless</p> <p>CL 50%   FR 46%   OP 38%</p> | <p><b>BE6728</b><br/>Staircase</p> <p>CL 45%   FR 41%   OP 33%</p> | <p><b>BE7030</b><br/>Cove Recessed Borderless</p> <p>OP 64%</p>                    |   |

**Connectors & Additional Accessories (Optional, purchase for extra)**

|  |  |  |  |  |
|--|--|--|--|--|
| <p><b>NCO-STCN-3P-10</b><br/>Strip to cable connector without wire, for 0.39in. (10mm) tape, 3 pin</p> | <p><b>NCO-STC-3P-10</b><br/>Strip to cable connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 3 pin</p> | <p><b>NCO-STSJ-3P-10</b><br/>Strip to strip jumper connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 3 pin</p> | <p><b>NCO-STMKB-3P-10</b><br/>Strip to cable with black female connector, for 0.39in. (10mm) tape, 3 pin</p> | <p><b>NCO-STMKW-3P-10</b><br/>Strip to cable with white female connector, for 0.39in. (10mm) tape, 3 pin</p> |
| <p><b>NI4CO-ST3-3P-10</b><br/>Strip to strip connector, for 0.39in. (10mm) tape, 3 pin</p>             | <p><b>MCW-3P-67</b><br/>Male connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG</p>              | <p><b>FCW-3P-67</b><br/>Female connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG</p>                    | <p><b>VHB</b><br/>VHB 3M adhesive back tape, stronger stickiness</p>   |  |

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**Drivers**

0-10V dimmable

| Code           | Max Load | Input      | Output | Class 2 | With Junction Box | Environment | Size (L x W x H)                         |
|----------------|----------|------------|--------|---------|-------------------|-------------|--|
| LM-100-24-U2A2 | 100W     | 100-277VAC | 24V    | Yes     | No                | Dry         | 13.86 x 1.69 x 1.18in. (35.2x 4.3 x 3cm) |

**Wiring Diagram**

0-10V-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)   |