

# AERO TAPE TW Indoor · Tunable White

## Features

- Standard & popular SMD tape, 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



Date	Fixture type
Project name	Project phase



## Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AERO	D2-Dry (IP20)	24V-DC24V	27K65K-2700K+6500K	7.3-7.32W/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	Length
F	Front	OW Open wire 3.28ft (1m), 20 AWG	Increment 3.94in(100mm)
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	

\*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)

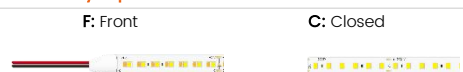
CCT	7.32W/ft
■ 2700K	278
■ 6500K	302
■ 2700K+6500K	551
Max. Run for Class 2	10.5ft (3.2m)
Max. Run Supported Length	16.4ft (5m)

\*Typically installations in USA and Canada comply with Class 2 requirements.

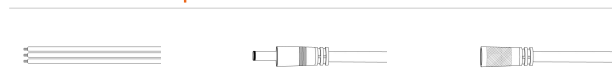
## Technical Details

Width	0.39in. (10mm)
LED Quantity	36 LEDs/ft (120 LEDs/M)
Beam Angle	120°
Efficacy	75.3lm/W @2700K+6500K 7.32W
CRI	Ra≥90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	164ft (50m)
Storage Temperature	-13-140°F (-20°C- 45°C)
Ambient Temperature	-4-113°F (-20°C- 60°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.** **FC:** Female connector, **Dry & Damp.**  
Standard 0.66ft (20cm), 20 AWG  
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.

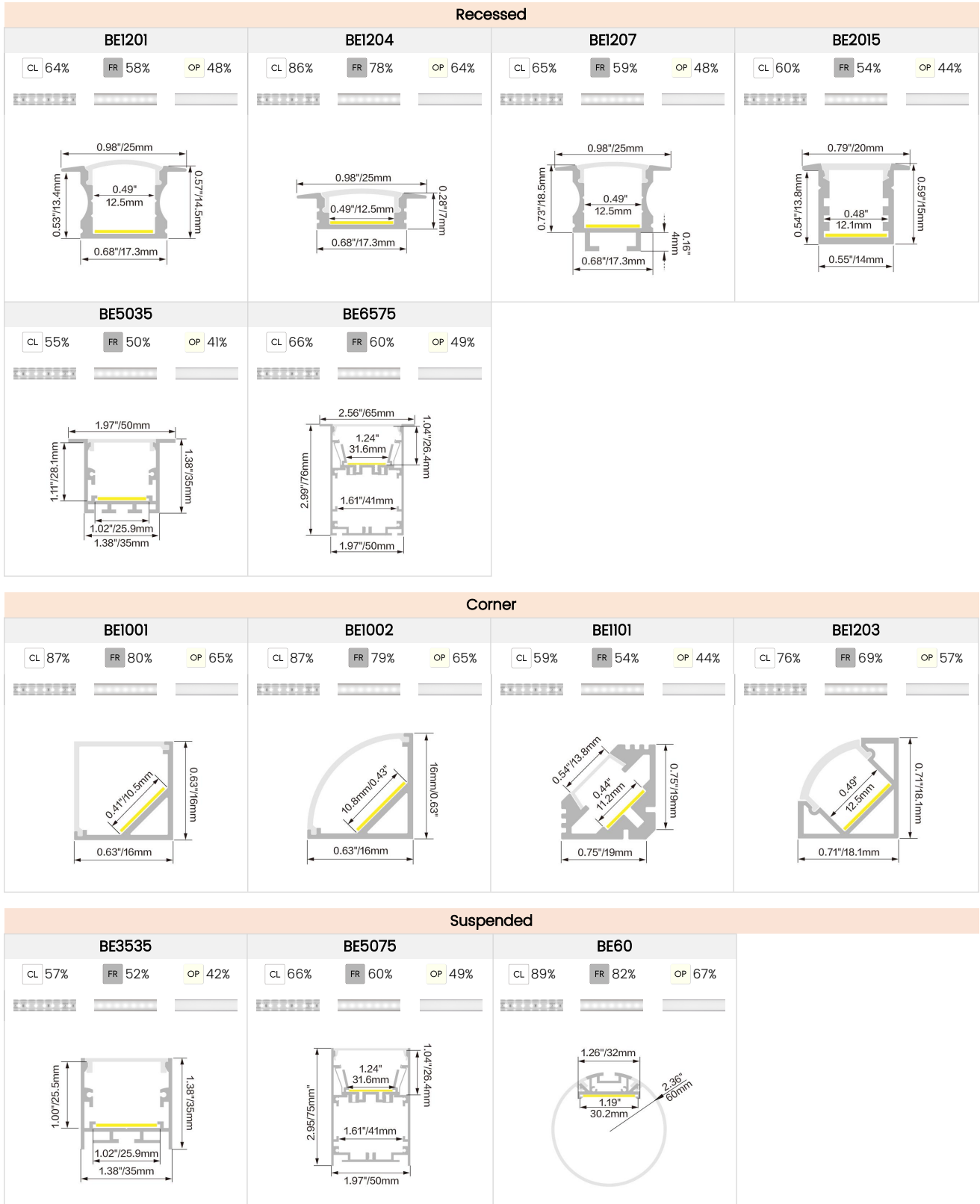
CL Clear

FR Frosted

OP Opal

Surface			
<p><b>BEI202</b></p> <p>CL 64%   FR 59%   OP 48%</p>	<p><b>BEI302</b></p> <p>CL 85%   FR 77%   OP 63%</p>	<p><b>BEI303</b></p> <p>CL 66%   FR 60%   OP 49%</p>	<p><b>BEI415</b></p> <p>CL 58%   FR 53%   OP 43%</p>
<p><b>BEI919</b></p> <p>CL 78%   FR 71%   OP 58%</p>	<p><b>BE2020</b></p> <p>CL 80%   FR 73%   OP 60%</p>		
Mud-In			
<p><b>BE5615</b></p> <p>CL 60%   FR 55%   OP 45%</p>	<p><b>BE7615</b></p> <p>CL 72%   FR 66%   OP 54%</p>		

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Specialty			
<p><b>BE1806</b> Bendable surface mounted</p> <p>CL 91% FR 83% OP 68%</p>	<p><b>BE2009</b> Coves</p> <p>CL 58% FR 53% OP 43%</p>	<p><b>BE3511</b> Borderless Bi-Color Panel</p> <p>CL 69% FR 63% OP 51%</p>	<p><b>BE4615</b> Borderless Inside Corner</p> <p>CL 60% FR 55% OP 45%</p>
<p><b>BE5315</b> Borderless Outside Corner</p> <p>CL 60% FR 54% OP 45%</p>	<p><b>BE6728</b> Staircase</p> <p>CL 58% FR 53% OP 43%</p>	<p><b>BE7030</b> Cove Recessed Borderless</p> <p>OP 64%</p>	<p><b>BE8833</b> Cove Recessed / Double-Layer Borderless</p> <p>CL 60% FR 54% OP 45%</p>

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

<p><b>N6012-STCN-3P-10</b> Strip to cable connector without wire, for 0.39in. (10mm) tape, 3 pin, IP20</p>	<p><b>N6012-STC-3P-10</b> Strip to cable connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 3 pin, IP20</p>	<p><b>N6012-STSJ-3P-10</b> Strip to strip jumper connector with (15cm) wire, for 0.39in. (10mm) tape, 3 pin, IP20</p>	<p><b>N6012-STMKB-3P-10</b> Strip to cable with black male &amp; female connector, for 0.39in. (10mm) tape, 3 pin, IP20</p>	<p><b>N6012-STMKW-3P-10</b> Strip to cable with white male &amp; female connector, for 0.39in. (10mm) tape, 3 pin, IP20</p>
<p><b>N6012-STs-3P-10</b> Strip to strip connector, for 0.39in. (10mm) tape, 3 pin, IP20</p>	<p><b>C6012-LC-3P-10</b> L-shaped corner connector, for 0.39in. (10mm) tape, 3 pin, IP20</p>	<p><b>C6012-RC-3P-10</b> R-shaped corner connector, for 0.39in. (10mm) tape, 3 pin, IP20</p>	<p><b>MC-3P-20</b> Male connector with 0.98ft(30cm) cable, 2 pin, IP20, Dry, 20 AWG</p>	<p><b>FC-3P-20</b> Female connector with 0.98ft(30cm) cable, 2 pin, IP67, Dry, 20 AWG</p>

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**Drivers**

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	No	No	Dry	13.86x1.69x1.18in. (35.2x4.3x3cm)

**Wiring Diagram**

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)