

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



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AERO	D2-Dry (IP20)	24V-DC24V	27K65K-2700K+650	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
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 W = White lacquered B = Black anodized	OP - Opal FR - Frosted CL - Clear	3.28ft (1m) 6.56ft (2m)

*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	10.9ft (3.3m)
Max. Run Supported Length	16.4ft (5m)

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

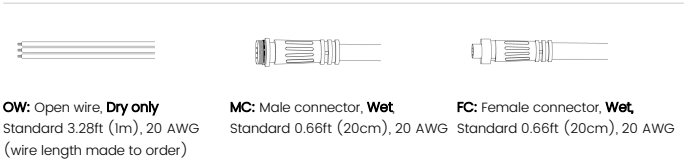
Technical Details

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



AERO TAPE TW Indoor · Tunable White

Channel Compatibility

Lens Type & Light Transmission

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

CL Clear FR Frosted OP Opal

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

AERO TAPE TW Indoor · Tunable White

Recessed			
BE1201 CL 64% FR 58% OP 48%	BE1204 CL 86% FR 78% OP 64%	BE1207 CL 65% FR 59% OP 48%	BE2015 CL 60% FR 54% OP 44%
BE5035 CL 55% FR 50% OP 41%	BE6575 CL 66% FR 60% OP 49%		
Corner			
BE1001 CL 87% FR 80% OP 65%	BE1002 CL 87% FR 79% OP 65%	BE1101 CL 59% FR 54% OP 44%	BE1203 CL 76% FR 69% OP 57%
Suspended			
BE3535 CL 57% FR 52% OP 42%	BE5075 CL 66% FR 60% OP 49%	BE60 CL 89% FR 82% OP 67%	

AERO TAPE TW Indoor · Tunable White

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

Connectors & Additional Accessories (Optional, purchase for extra)

 N6012-STCN-3P-10 Strip to cable connector without wire, for 0.39in. (10mm) tape, 3 pin, IP20	 N6012-STC-3P-10 Strip to cable connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 3 pin, IP20	 N6012-STSJ-3P-10 Strip to strip jumper connector with (15cm) wire, for 0.39in. (10mm) tape, 3 pin, IP20	 N6012-STMKB-3P-10 Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 3 pin, IP20	 N6012-STMKW-3P-10 Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 3 pin, IP20
 N6012-ST5-3P-10 Strip to strip connector, for 0.39in. (10mm) tape, 3 pin, IP20	 C6012-LC-3P-10 L-shaped corner connector, for 0.39in. (10mm) tape, 3 pin, IP20	 C6012-RC-3P-10 R-shaped corner connector, for 0.39in. (10mm) tape, 3 pin, IP20	 MCW-3P-67 Male connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG	 FCW-3P-67 Female connector with 0.98ft (30cm) white cable, 3 pin, IP67, Wet, 20 AWG

AERO TAPE TW Indoor · Tunable White

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



AERO TAPE TW Indoor · Tunable White

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)