

AERO TAPE MIRROR Indoor · Tunable White

Features

- High CRI 95+ tunable white SMD tape with true-to-life color accuracy
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

Mirrors, bedrooms, dressing room, under cabinets, shelves, offices, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power	Left Feed Entry			
AEROM	D2-Dry (IP20)	24-DC24V	2765-2700K+6500K	564-5.64W/ft	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

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Right Feed Entry			Illuminated Length ¹
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 ¹	Colors	Lens	Lengths
Please select on the Channel Compatibility page	S = Silver anodized W = White lacquered B = Black anodized	OP - Opal FR - Frosted CL - Clear	3.28ft (1m) 6.56ft (2m)

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

Lumen Output (lm/ft)

Temp./Color	5.64W/ft
2700K	270
6500K	209
2700K+6500K	566
Max. Run for Class 2	13.6ft (4.2m)
Max. Run Supported Length	16.4ft (5m)

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

Technical Details

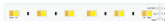
Width	0.39in. (10mm)
LED Quantity	36 LEDs/ft (120 LEDs/M)
Beam Angle	120°
Efficacy	100.4lm/W @2700K+6500K 5.64W
CRI	Ra≥ 95
LED MacAdam	3 steps
Average Life (L70)	> 102,000 hours
Max. Length Per Reel	164ft (50m)
Storage Temperature	32-140°F (0-60°C)
Ambient Temperature	-4-104°F(-20-40°C)

Feed Entry Options

F: Front



C: Closed



Connector Wire Options



OW: Open wire, Dry only
Standard 3.28ft (1m), 20 AWG
(wire length customizable)



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			
BEI201 CL 63% FR 57% OP 47% 	BEI202 CL 64% FR 58% OP 48% 	BEI205 CL 87% FR 79% OP 65% 	BEI302 CL 85% FR 77% OP 63%
BEI303 CL 66% FR 60% OP 49% 	BEI415 CL 54% FR 50% OP 41% 	BEI919 CL 76% FR 70% OP 57% 	BE2020 CL 81% FR 74% OP 60%

Mud-In	
BE5615 CL 60% FR 55% OP 45% 	BE7615 CL 72% FR 66% OP 54%

Recessed			
BEI204 CL 84% FR 76% OP 63% 	BEI207 CL 63% FR 58% OP 47% 	BE2015 CL 59% FR 54% OP 44% 	BE5035 CL 53% FR 49% OP 40%

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BE6575			
CL 64%	FR 59%	OP 48%	

Corner			
BE1001		BE1002	
CL 86%	FR 79%	OP 64%	
BE1101		BE1203	
CL 61%	FR 55%	OP 45%	

Suspended			
BE3535		BE5075	
CL 57%	FR 52%	OP 42%	
BE60			
CL 90%	FR 83%	OP 67%	

Specialty			
BE1806		BE2009	
Bendable surface mounted		Coves	
CL 94%	FR 86%	OP 70%	
BE3511		BE4615	
Borderless Bi-Color Panel		Borderless Inside Corner	
CL 70%	FR 64%	OP 52%	

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BE5315 Borderless Outside Corner	BE6728 Staircase	BE7030 Cove Recessed Borderless	BE8833 Cove Recessed / Double-Layer Borderless
CL 59% FR 54% OP 44%	CL 56% FR 51% OP 42%	OP 64%	CL 59% FR 54% OP 44%

Connectors & Additional Accessories (Optional, purchase for extra)

N6012-STCN-3P-10 Strip to cable connector without wire, for 0.39in. (10mm) tape, 3 pin	N6012-STC-3P-10 Strip to cable connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 3 pin	N6012-STSJ-3P-10 Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 3 pin	N6012-STMKB-3P-10 Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 3 pin	N6012-STMKW-3P-10 Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 3 pin
N6012-STN-3P-10 Strip to strip connector, for 0.39in. (10mm) tape, 3 pin	C6012-LC-3P-10 L-shaped corner connector, for 0.39in. (10mm) tape, 3 pin	C6012-RC-3P-10 R-shaped corner connector, for 0.39in. (10mm) tape, 3 pin	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
VHB VHB 3M adhesive back tape, stronger stickiness				

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Drivers

Dimmable						
Code	Max Load	Input	Output	Class 2	Environment	Size (L x W x H)
LM-100-24-U2A2	100W	100-277VAC	24V	No	Dry	13.86" *1.69" *1.18"

Wiring Diagram



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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)