

AERO TAPE MIRROR Tunable White

Features

- High CRI 95+ tunable white SMD tape with true-to-life color accuracy
- IP65 rated with nano coating, ideal for damp location and sheltered exterior
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROM	D2-Dry (IP20)	24V-DC24V	27K65K-2700K+6500K	5.6-5.64W/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			Length
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

*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	5.64W/ft
2700K	270
6500K	209
2700K+6500K	566
Max. Run for Class 2	14.2ft (4.3m)
Max. Run Supported Length	16.4ft (5m)

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

Technical Details

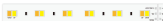
Width	0.39in. (10mm)
LED Quantity	36 LEDs/ft (120 LEDs/M)
Beam Angle	120°
Efficacy	100.4lm/W @2700K+6500K 5.64W
CRI	Ra ≥ 95
LED MacAdam	3 steps
Average Life (L70)	> 102,000 hours
Max. Length Per Reel	164ft (50m)
Storage Temperature	32-140°F (0-60°C)
Ambient Temperature	-4-104°F (-20-40°C)

Feed Entry Options

F: Front



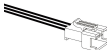
C: Closed



Connector Wire Options

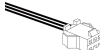


OW: Open wire, Dry only
Standard 3.28ft (1m), 20 AWG
(wire length customizable)



MC: Male connector, Dry & Damp

Standard 0.66ft (20cm), 20 AWG



FC: Female connector, Dry & Damp
Standard 0.66ft (20cm), 20 AWG

AERO TAPE MIRROR Tunable White

Channel Compatibility

Lens Type & Light Transmission

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

CL Clear

FR Frosted

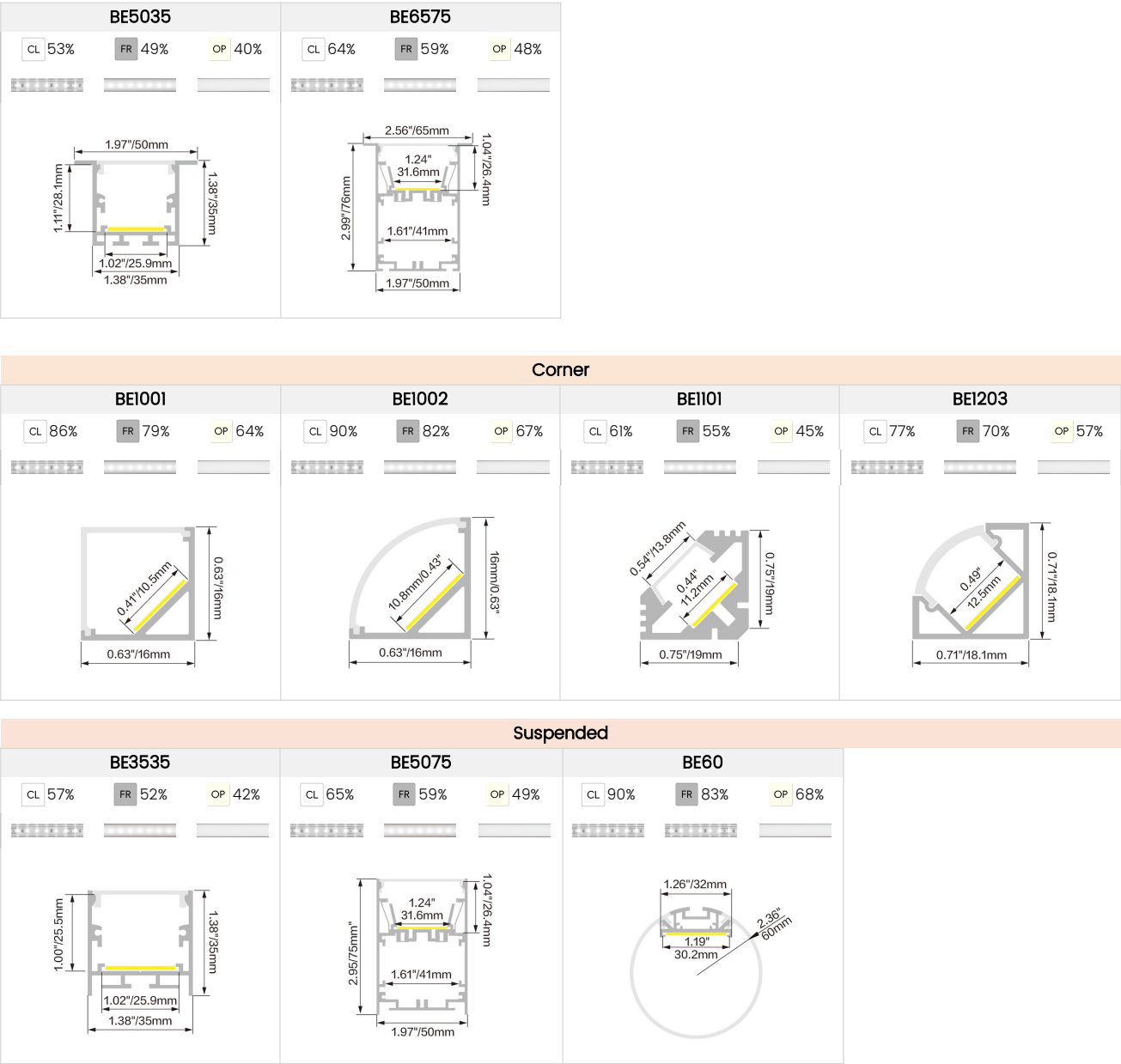
OP Opal

Surface			
BEI202 CL 64% FR 58% OP 47% 	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			
BEI201 CL 63% FR 57% OP 47% 	BEI204 CL 84% FR 76% OP 63% 	BEI207 CL 63% FR 58% OP 47% 	BE2015 CL 59% FR 54% OP 44%

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AERO TAPE MIRROR

Tunable White

Specialty			
BE1806 Bendable surface mounted CL 94% FR 86% OP 70% 	BE2009 Coves CL 58% FR 53% OP 43% 	BE3511 Borderless Bi-Color Panel CL 70% FR 64% OP 52% 	BE4615 Borderless Inside Corner CL 59% FR 54% OP 44%
BE5315 Borderless Outside Corner CL 59% FR 54% OP 44% 	BE6728 Staircase CL 56% FR 51% OP 42% 	BE7030 Cove Recessed Borderless OP 64% 	BE8833 Cove Recessed / Double-Layer Borderless 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, IP20	N6012-STC-3P-10 Strip to cable connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 3 pin, IP20	N6012-STSJ-3P-10 Strip to strip jumper connector with 5.9in. (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-STS-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	MC-2P-20 Male connector with 0.98ft(30cm) cable, 2 pin, IP20, Dry, 20 AWG	FC-2P-20 Female connector with 0.98ft(30cm) cable, 2 pin, IP67, Dry, 20 AWG

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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	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)