

AERO TAPE HD TW Indoor · Tunable White

Features

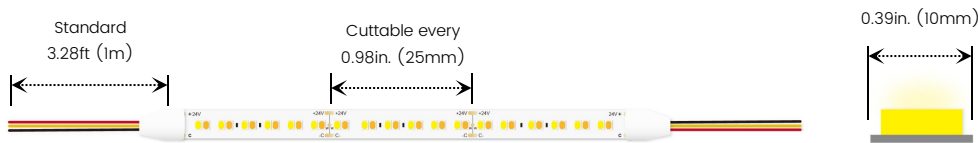
- High density LED, tunable white from 2700K to 6500K
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
AEROHD	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	323
6500K	348
2700K+6500K	640
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	72 LEDs/ft (240LEDs/M)
Beam Angle	120°
Efficacy	87.4lm/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 (-25°C- 60°C)
Ambient Temperature	-13-113°F (-25°C- 45°C)

Feed Entry Options

F: Front



C: Closed



Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m), 20 AWG
(wire length made to order)



MC: Male connector, **Wet**
Standard 0.98ft (30cm), 20 AWG



FC: Female connector, **Wet**
Standard 0.98ft (30cm), 20 AWG

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Channel Compatibility

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

Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface			
BE1202 CL 62% FR 51% OP 47%	BE1205 CL 84% FR 77% OP 63%	BE1206 CL 79% FR 72% OP 59%	BE1302 CL 84% FR 77% OP 63%
BE1303 CL 67% FR 61% OP 50%	BE1415 CL 55% FR 51% OP 41%	BE1919 CL 77% FR 70% OP 58%	BE2020 CL 79% FR 72% OP 59%
Mud-In			
BE5615 CL 61% FR 56% OP 45%	BE7615 CL 72% FR 66% OP 54%		

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Recessed			
BE1201 CL 62% FR 57% OP 46%	BE1204 CL 83% FR 76% OP 62%	BE1207 CL 63% FR 58% OP 47%	BE2015 CL 61% FR 56% OP 46%
BE5035 CL 55% FR 50% OP 41%	BE6575 CL 65% FR 60% OP 49%		

Corner			
BE1002 CL 86% FR 79% OP 64%	BE1101 CL 60% FR 55% OP 45%	BE1203 CL 75% FR 69% OP 56%	

Suspended			
BE3535 CL 56% FR 51% OP 42%	BE5075 CL 64% FR 59% OP 48%	BE60 CL 88% FR 80% OP 65%	

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Specialty			
BE1402 Wall lighting CL 73% FR 67% OP 55%	BE1403 Wall lighting CL 77% FR 70% OP 57%	BE1806 Bendable surface mounted CL 90% FR 82% OP 67%	BE2009 Coves CL 57% FR 52% OP 43%
BE3511 Borderless Bi-Color Panel CL 68% FR 62% OP 51%	BE4615 Borderless Inside Corner CL 60% FR 55% OP 45%	BE5315 Borderless Outside Corner CL 61% FR 55% OP 45%	BE6728 Staircase CL 55% FR 50% OP 41%
BE6916 Recessed CL 46% FR 42% OP 34%	BE7030 Cove Recessed Borderless OP 61%	BE8833 Cove Recessed / Double-Layer Borderless CL 59% FR 54% OP 44%	BE12017 Toekick CL 49% FR 45% OP 37%
BE13350 Coves CL 44% FR 40% OP 33%			

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Connectors & Additional Accessories (Optional, purchase for extra)



MCW-3P-67
Male connector with 0.98' (30cm)
white cable, 3 pin, IP67, Wet, 20 AWG

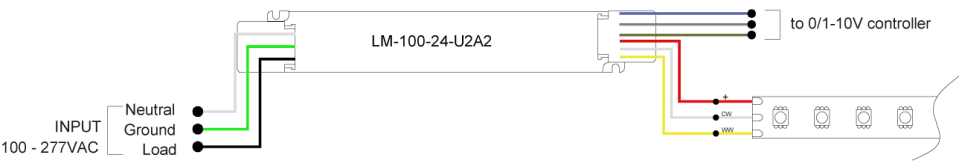
FCW-3P-67
Female connector with 0.98' (30cm)
white cable, 3 pin, IP67, Wet, 20 AWG

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	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)