

AERO TAPE LONG RUN

Indoor · Static White

Features

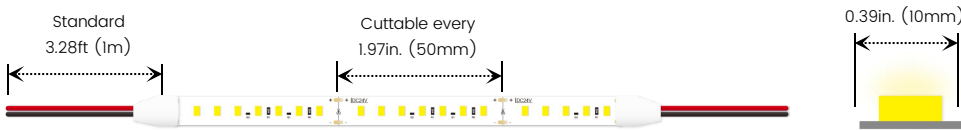
- Long max run length up to 65.6ft (20m) from single power feed
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power	Left Feed Entry			
AEROLR	D2-Dry (IP20)	24V-DC24V	18K-1800K	1.5-1.52W/ft	F	Front	OW	Open wire 3.28ft (1m), 20 AWG
			22K-2200K	3.1-3.05W/ft	C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
			24K-2400K	4.6-4.57W/ft			FC	Female connector with 0.66ft (20cm) cable, 20 AWG
			27K-2700K				NA	Only for Closed Feed Entry
			30K-3000K					
			35K-3500K					
			40K-4000K					

Assembly Builder

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	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	1.52W/ft	3.05W/ft	4.57W/ft
1800K	130	256	381
2200K	134	265	395
2400K	139	274	409
2700K	147	290	433
3000K	152	299	446
3500K	153	302	451
4000K	158	312	465
6500K	155	305	456
Max. Run for Class 2*	52.6ft (16m)	26.2ft (8m)	17.5ft (5.3m)
Max. Run Supported Length	65.6ft (20m)	49.2ft (15m)	36.1ft (11m)

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

Technical Details	
Width	0.39in. (10mm)
LED Quantity	42 LEDs/ft (140 LEDs/m)
Beam Angle	120°
Efficacy	102.3lm/W @4000K 3.05W
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, 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			
BEI202 CL 65% FR 59% OP 48%	BEI205 CL 86% FR 79% OP 65%	BEI215 CL 55% FR 50% OP 41%	BEI302 CL 86% FR 79% OP 65%
BEI303 CL 68% FR 62% OP 51%	BEI415 CL 54% FR 49% OP 40%	BEI919 CL 78% FR 71% OP 58%	BE2020 CL 80 FR 73% OP 60%

Mud-In	
BE5615 CL 60% FR 55% OP 45%	BE7615 CL 65% FR 59% OP 49%

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Recessed			
CL 63%FR 58%OP 47%	CL 86%FR 78%OP 64%	CL 62%FR 57%OP 47%	CL 61%FR 55%OP 45%
CL 56%FR 51%OP 42%	CL 72%FR 66%OP 54%		

Corner			
CL 89%FR 81%OP 66%	CL 87%FR 80%OP 65%	CL 60%FR 55%OP 45%	CL 75%FR 68%OP 56%

Suspended			
CL 58%FR 53%OP 44%	CL 65%FR 60%OP 49%	CL 89%FR 81%OP 66%	

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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 52% 	BE4615 Borderless Inside Corner CL 61% FR 55% OP 45%
BE5315 Borderless Outside Corner CL 61% FR 56% OP 45% 	BE6728 Staircase CL 57% FR 52% OP 42% 	BE7030 Cove Recessed Borderless OP 62% 	BE8833 Cove Recessed / Double-Layer Borderless CL 60% FR 55% OP 45%

Connectors & Additional Accessories (Optional, purchase for extra)

 N6012-STCN-2P-10 Strip to cable connector without wire, for 0.39in. (10mm) tape, 2 pin, IP20	 N6012-STC-2P-10 Strip to cable connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 2 pin, IP20	 N6012-STSJ-2P-10 Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 2 pin, IP20	 N6012-STDCB-2P-10 Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 2 pin, IP20	 N6012-STDCW-2P-10 Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 2 pin, IP20
 N6012-ST5-2P-10 Strip to strip connector, for 0.39in. (10mm) tape, 2 pin, IP20	 C6012-LC-2P-10 L-shaped corner connector, for 0.39in. (10mm) tape, 2 pin, IP20	 C6012-RC-2P-10 R-shaped corner connector, for 0.39in. (10mm) tape, 2 pin, IP20	 MCB-DC-44 Male DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 20 AWG	 FCB-DC-44 Female DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 20 AWG

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Drivers

Non-dimmable							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KV-24060-ASW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KV-24096-ASW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)

Phase cut/Triac-dimmable							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVF-24030-TDW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KVF-24060-TDW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KVF-24096-TDW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)
KVF-24030-TDWJ	30W				Yes	Dry/Damp	6.5 x 3.6 x 1in. (16.5 x 9.2 x 2.6cm)
KVF-24060-TDWJ	60W						7.4 x 3.6 x 1in. (18.8 x 9.2 x 2.6cm)
KVF-24096-TDWJ	96W						8.7 x 3.7 x 1.6in. (22 x 9.3 x 4.1cm)
KVF-24192-TDWJ	192W (96Wx2)						10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVF-24288-TDWJ	288W (96Wx3)						11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVF-24384-TDWJ	384W (96Wx4)						12.7 x 5.5 x 1.9in. (32.3 x 14 x 4.8cm)

4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KVD-24060-DIM	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KVD-24096-DIM	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)
KVD-24030-DIMJ	30W				Yes	Dry/Damp	6.5 x 3.6 x 1in. (16.5 x 9.2 x 2.6cm)
KVD-24060-DIMJ	60W						7.4 x 3.6 x 1in. (18.8 x 9.2 x 2.6cm)
KVD-24096-DIMJ	96W						8.7 x 3.7 x 1.6in. (22 x 9.3 x 4.1cm)
KVD-24192-DIMJ	192W (96Wx2)						10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVD-24288-DIMJ	288W (96Wx3)						11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVD-24384-DIMJ	384W (96Wx4)						12.7 x 5.5 x 1.9in. (32.3 x 14 x 4.8cm)

5 in 1-dimmable (Triac/0-10V/1-10V/Potentiometer/10V PWM)							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KVG-24060-DW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KVG-24096-DW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)
KVG-24030-DWJ	30W				Yes	Dry/Damp	6.5 x 3.7 x 1.6in. (16.5 x 9.5 x 4cm)
KVG-24060-DWJ	60W						7.4 x 3.7 x 1.6in. (18.8 x 9.5 x 4cm)
KVG-24096-DWJ	96W						8.7 x 3.7 x 1.6in. (22 x 9.5 x 4cm)
KVG-C24192-DWJ	192W (96Wx2)						10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVG-C24288-DWJ	288W (96Wx3)						11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVG-C24384-DWJ	384W (96Wx4)						12.8 x 5.5 x 1.9in. (32.5 x 14 x 4.8cm)

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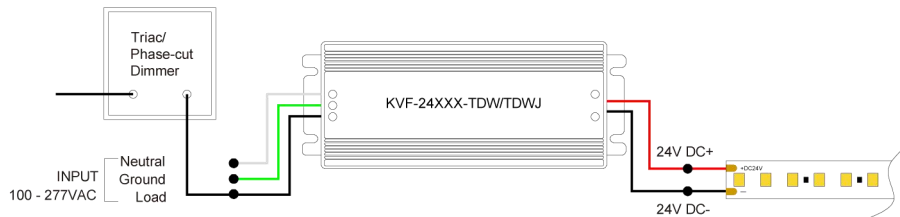
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Wiring Diagram

Non-dimmable



Phase cut/Triac-dimmable



4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)



5 in 1-dimmable (Triac/0-10V/1-10V/Potentiometer/10V PWM)



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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)