

AERO TAPE LONG RUN

Indoor · Static White

Features

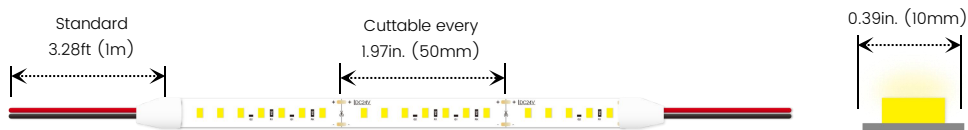
- Long max run length up to 65.6ft (20m) from single power feed
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power	Left Feed Entry			
AEROLR	D2-Dry (IP20)	24-DC24V	18-1800K	152-1.52W/ft	F	Front	OW	Open wire 3.28ft (1m), 20 AWG
			22-2200K	305-3.05W/ft	C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
			24-2400K	457-4.57W/ft			FC	Female connector with 0.66ft (20cm) cable, 20 AWG
			27-2700K				NA	Only for Closed Feed Entry
			30-3000K					
			35-3500K					
			40-4000K					
			65-6500K					

Assembly Builder

Assembly Builder

Right Feed Entry				Illuminated Length ¹
F	Front	OW	Open wire 3.28ft (1m), 20 AWG	Increment 1.97in. (50mm)
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	OP - Opal	3.28ft (1m)
	W = White lacquered	FR - Frosted	6.56ft (2m)
	B = Black anodized	CL - Clear	

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

Lumen Output (lm/ft)

Temp./Color	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*	50.5ft (15.4m)	25.2ft (7.7m)	16.8ft (5.1m)
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	-4-113°F (-20°C- 60°C)
Ambient Temperature	-13-140°F (-20°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			
BEI201 CL 63%FR 58%OP 47%	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 80FR 73%OP 60%			
Mud-In			
BE5615 CL 60%FR 55%OP 45%	BE7615 CL 65%FR 59%OP 49%		

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Recessed			
BE1204 CL 86% FR 78% OP 64%	BE1207 CL 62% FR 57% OP 47%	BE2015 CL 61% FR 55% OP 45%	BE5035 CL 56% FR 51% OP 42%
BE6575 CL 72% FR 66% OP 54%			
Corner			
BE1001 CL 89% FR 81% OP 66%	BE1002 CL 87% FR 80% OP 65%	BE1101 CL 60% FR 55% OP 45%	BE1203 CL 75% FR 68% OP 56%
Suspended			
BE3535 CL 58% FR 53% OP 44%	BE5075 CL 65% FR 60% OP 49%	BE60 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	N6012-STC-2P-10 Strip to cable connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin	N6012-STSJ-2P-10 Strip to strip jumper connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin	N6012-STDCB-2P-10 Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 2 pin	N6012-STDCW-2P-10 Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 2 pin
N6012-STC-2P-10 Strip to strip connector, for 0.39in. (10mm) tape, 2 pin	C6012-LC-2P-10 L-shaped corner connector, for 0.39in. (10mm) tape, 2 pin	C6012-RC-2P-10 R-shaped corner connector, for 0.39in. (10mm) tape, 2 pin	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
VHB VHB 3M adhesive back tape, stronger stickiness				

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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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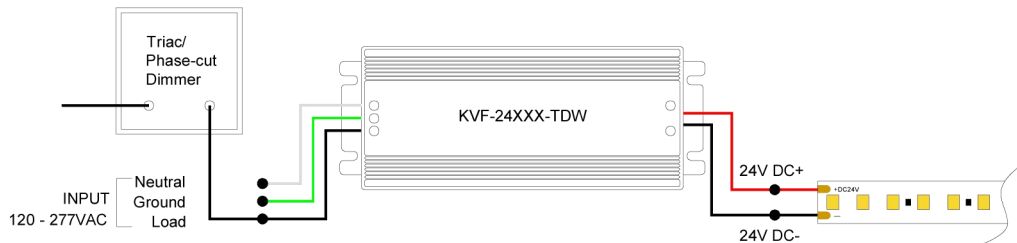
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Wiring Diagram

Non-dimmable



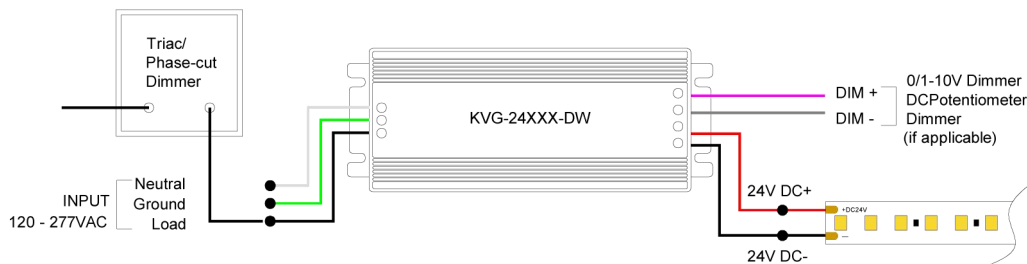
Phase cut/Triac-dimmable



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)