

AERO TAPE WAVE Indoor · Static White

Features

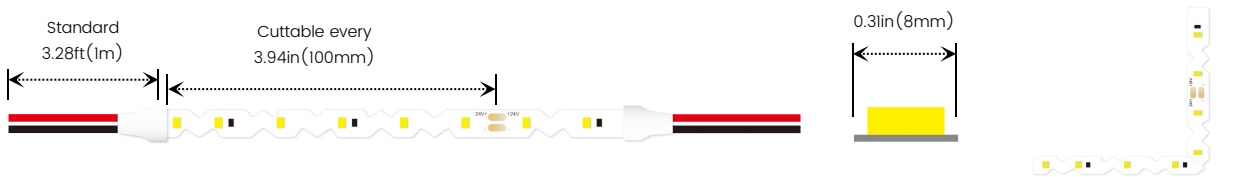
- Side bending SMD tape for curved applications
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

Under cabinets, coves, shelves, backlighting, bedrooms, stairs, etc.



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
AEROW	D2-Dry (IP20)	24-DC24V	18-2700K	146-1.46W/ft
			22-3000K	299-2.99W/ft
			24-4000K	366-3.66W/ft
			27-6500K	
			30-3500K	
			35-3500K	
			40-4000K	
			65-6500K	

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			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	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	1.46W/ft	2.99W/ft	3.66W/ft
1800K	114	230	281
2200K	118	239	291
2400K	123	247	301
2700K	129	261	318
3000K	134	270	329
3500K	135	272	332
4000K	139	281	342
6500K	136	275	335
Max. Run for Class 2*	52.6ft (16m)	25.7ft (7.8m)	21ft (6.4m)
Max. Run Supported Length	26.2ft (8m)	19.7ft (6m)	16.4ft (5m)

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

Technical Details

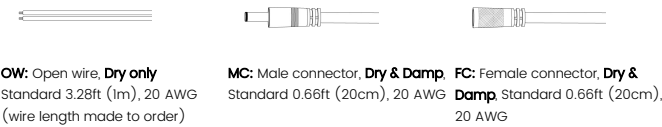
Width	0.31in. (8mm)
LED Quantity	18 LEDs/ft (60 LEDs/M)
Beam Angle	120°
Efficacy	94lm/W @3000K 2.99W
CRI	Ra≥90
LED MacAdam	3 steps
Life (L70)	> 54,000 hours
Max. Length Per Reel	164ft (50m)
Storage Temperature	-13-140°F (-25°C~ 60°C)
Ambient Temperature	-4-113°F (-20°C~ 45°C)

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Feed Entry Options



Connector Wire Options



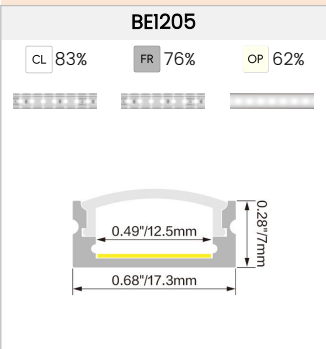
Channel Compatibility

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

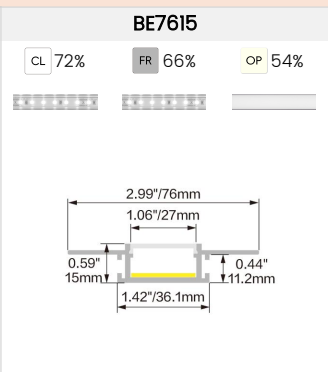
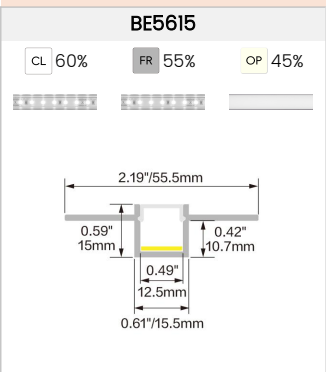
Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

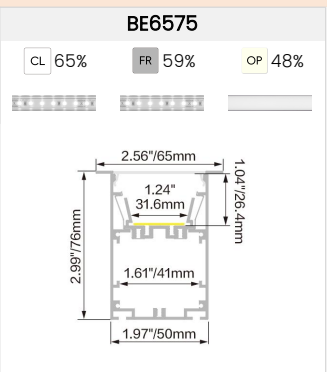
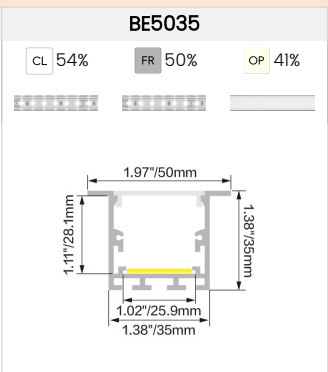
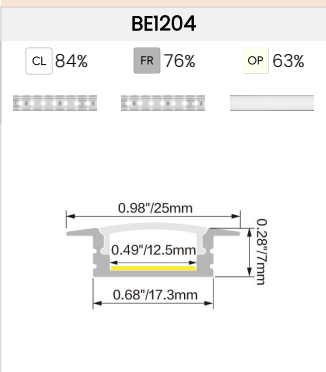
Surface



Mud-In

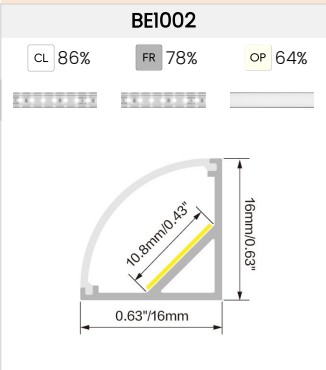


Recessed

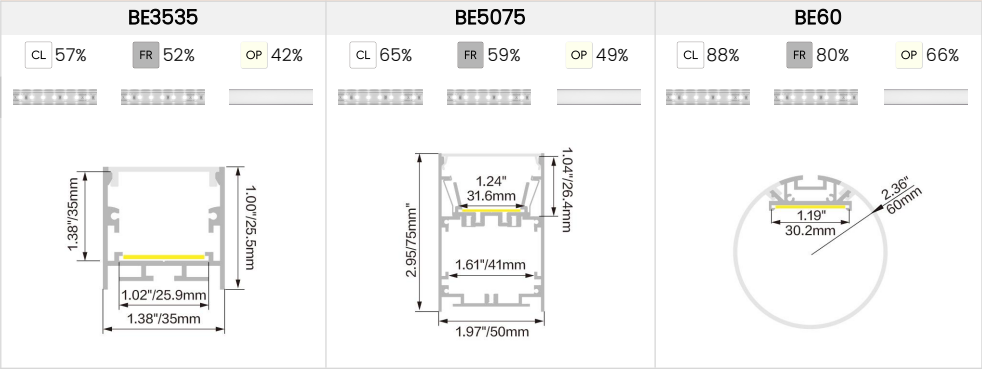


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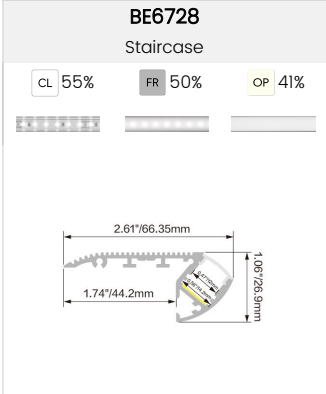
Corner



Suspended



Specialty



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 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 2 pin | N6012-STSJ-2P-10
Strip to strip jumper connector with 5.9lin. (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 |
|--|---|---|---|---|

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**N6012-ST5-2P-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

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 5.3 x 2cm)
KV-24060-ASW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.3cm)
KV-24096-ASW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23.1 x 7.1 x 4.3cm)
KV-24150-ASW	150W			10.1 x 3.1 x 1.9in. (25.7 x 7.9 x 4.8cm)			
KV-24200-ASW	200W			No			10.1 x 3.1 x 1.9in. (25.7 x 7.9 x 4.8cm)
KV-24300-ASW	300W						10.9 x 3.1 x 1.9in. (27.7 x 7.9 x 4.8cm)

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 5.3 x 2cm)
KVF-24060-TDW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.3cm)
KVF-24096-TDW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23.1 x 7.1 x 4.3cm)
KVF-24150-TDW	150W						10.1 x 3.1 x 1.9in. (25.7 x 7.9 x 4.8cm)
KVF-24200-TDW	200W						10.1 x 3.1 x 1.9in. (25.7 x 7.9 x 4.8cm)
KVF-24300-TDW	300W						10.9 x 3.1 x 1.9in. (27.7 x 7.9 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 5.3 x 2cm)		
KVD-24060-DIM	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.3cm)		
KVD-24096-DIM	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23.1 x 7.1 x 4.3cm)		
KVD-24150-DIM	150W			No			10.1 x 3.1 x 1.9in. (25.7 x 7.9 x 4.8cm)		
KVD-24200-DIM	200W						13.4 x 11 x 7.3in. (34 x 27.9 x 18.5cm)		
KVD-24300-DIM	300W	100-277VAC	24V	No	No	Dry/Damp/Wet	8.7 x 3.7 x 1.6in. (22 x 9.3 x 4.1cm)		

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

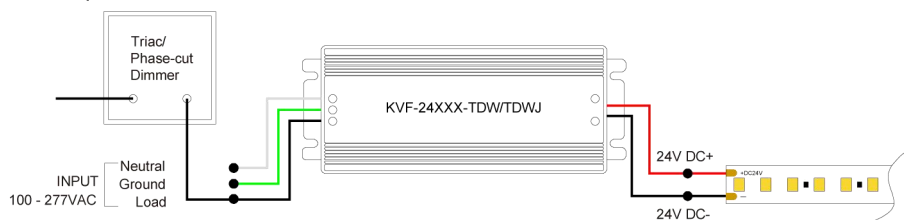
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.3 x 2cm)
KVG-24060-DW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.3cm)
KVG-24096-DW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23.1 x 7.1 x 4.3cm)
KVG-24150-DW	150W			10.1 x 3.1 x 1.9in. (25.7 x 7.9 x 4.8cm)			
KVG-24200-DW	200W			No			13.4 x 11 x 7.3in. (34 x 27.9 x 18.5cm)
KVG-24300-DW	300W						10.9 x 3.1 x 1.9in. (27.7 x 7.9 x 4.8cm)

Wiring Diagram

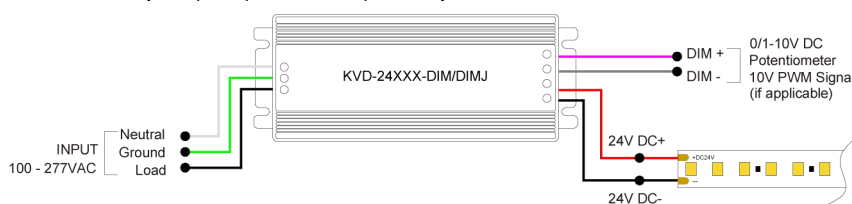
Non-dimmable



Phase cut/Triac-dimmable



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



5 in I-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)