

AERO TAPE HD

Indoor · Static White

Features

- High density LED provides less visible diodes
- 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	18K-1800K	1.5-1.46W/ft
			22K-2200K	2.9-2.93W/ft
			24K-2400K	4.4-4.39W/ft
			27K-2700K	5.9-5.85W/ft
			30K-3000K	7.3-7.32W/ft
			35K-3500K	
			40K-4000K	

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	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	1.46W/ft	2.93W/ft	4.39W/ft	5.85W/ft	7.32W/ft
1800K	122	239	357	475	592
2200K	126	248	370	492	614
2400K	130	257	383	509	636
2700K	138	271	405	538	672
3000K	142	280	418	556	693
3500K	144	283	422	561	701
4000K	148	292	435	579	722
Max. Run for Class 2	32.8ft (10m)	23ft (7m)	16.4ft (5m)	13.7ft (4.2m)	10.9ft (3.3m)
Max. Run Supported Length	32.8ft (10m)	23ft (7m)	16.4ft (5m)	19.7ft (6m)	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 (240 LEDs/M)
Beam Angle	120°
Efficacy	99.1lm/W @4000K 4.39W
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.** **FC:** Female connector, **Dry & Damp.**
Standard 0.66ft (20cm), 20 AWG
Standard 0.66ft (20cm), 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 63% FR 58% OP 47% 	BE1205 CL 84% FR 76% OP 63% 	BE1206 CL 78% FR 72% OP 59% 	BE1215 CL 55% FR 50% OP 41%
BE1302 CL 83% FR 76% OP 62% 	BE1303 CL 65% FR 59% OP 48% 	BE1415 CL 53% FR 48% OP 39% 	BE1919 CL 76% FR 69% OP 57%
BE2020 CL 77% FR 70% OP 58% 			

Mud-In	
BE5615 CL 59% FR 54% OP 44% 	BE7615 CL 71% FR 65% OP 53%

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Recessed

BE1201 CL 62% FR 56% OP 46%	BE1204 CL 83% FR 76% OP 62%	BE1207 CL 61% FR 55% OP 45%	BE1815 CL 51% FR 46% OP 38%
BE2015 CL 54% FR 50% OP 41%	BE5035 CL 54% FR 49% OP 40%	BE6575 CL 65% FR 59% OP 49%	

Corner

BE1002 CL 86% FR 78% OP 64%	BE1101 CL 57% FR 52% OP 42%	BE1203 CL 74% FR 67% OP 55%
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Suspended

BE3535 CL 56% FR 51% OP 42%	BE5075 CL 65% FR 59% OP 48%	BE60 CL 86% FR 78% OP 64%
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Specialty			
BEI402 Wall lighting CL 73% FR 66% OP 54%	BEI403 Wall lighting CL 77% FR 71% OP 58%	BEI806 Bendable surface mounted CL 88% FR 80% OP 66%	BE2009 Coves CL 57% FR 52% OP 42%
BE351I Borderless Bi-Color Panel CL 66% FR 60% OP 49%	BE4615 Borderless Inside Corner CL 59% FR 54% OP 44%	BE5315 Borderless Outside Corner CL 58% FR 53% OP 43%	BE6728 Staircase CL 54% FR 49% OP 40%
BE6916 Recessed CL 58% FR 53% OP 43%	BE7030 Cove Recessed Borderless OP 61%	BE8833 Cove Recessed / Double-Layer Borderless CL 58% FR 53% OP 44%	BE12017 Toekick CL 48% FR 44% OP 36%
BEI3350 Coves CL 46% FR 42% OP 34%			

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Connectors & Additional Accessories (Optional, purchase for extra)



NI4CO-STCN-2P-10
Strip to cable connector without wire, for 0.39in. (10mm) tape, 2 pin, IP20



NI4CO-STC-2P-10
Strip to cable connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 2 pin, IP20



NI4CO-STSJ-2P-10
Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.39in. (10mm) tape, 2 pin, IP20



NI4CO-STDCB-2P-10
Strip to cable with black male & female connector, for 0.39in. (10mm) tape, 2 pin, IP20



NI4CO-STDCW-2P-10
Strip to cable with white male & female connector, for 0.39in. (10mm) tape, 2 pin, IP20



NI4CO-STC-2P-10
Strip to strip connector, for 0.39in. (10mm) tape, 2 pin, IP20



C14CO-LC-2P-10
L-shaped corner connector, for 0.39in. (10mm) tape, 2 pin, IP20



C14CO-RC-2P-10
R-shaped corner connector, for 0.39in. (10mm) tape, 2 pin, IP20



NI6CO-L-2P-10
L-shaped 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)

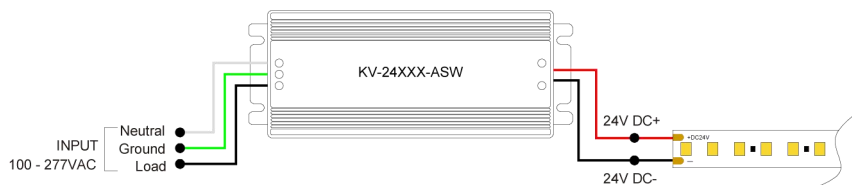
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KVG-24060-DW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KVG-24096-DW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)
KVG-24030-DWJ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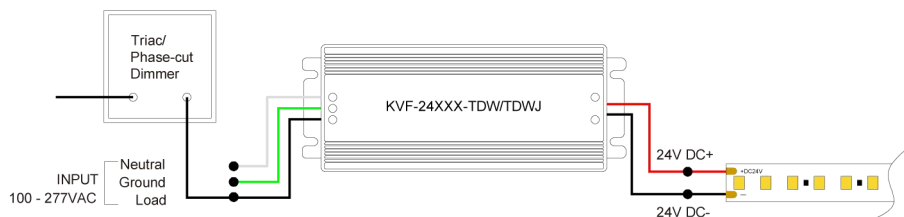
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Wiring Diagram

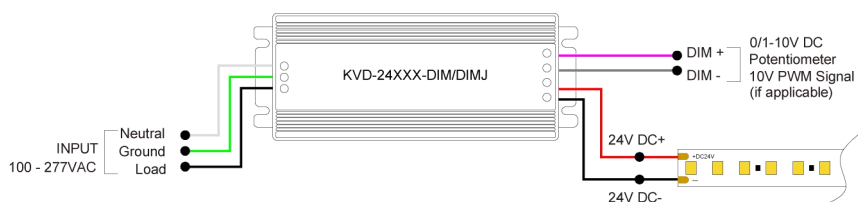
Non-dimmable



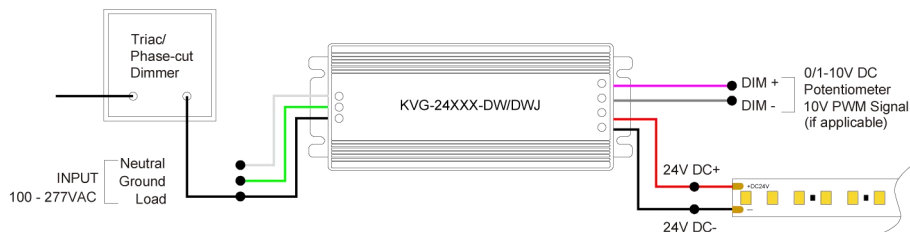
Phase cut/Triac-dimmable



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)