

ALTA TAPE ULTRA Indoor · Static White

Features

- Ultra high efficiency SMD tape offers up to 1163 lumens per foot
- 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
ALTAU	D2-Dry (IP20)	24-DC24V	18-1800K 22-2200K 24-2400K 27-2700K 30-3000K 35-3500K 40-4000K 65-6500K	854-8.54W/ft

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 W = White lacquered B = Black anodized	OP - Opal FR - Frosted CL - Clear	3.28ft (1m) 6.56ft (2m)

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

Temp./Color	8.54W/ft
1800K	953
2200K	988
2400K	1023
2700K	1081
3000K	1116
3500K	1128
4000K	1163
6500K	1139
Max. Run for Class 2*	9ft (2.7m)
Max. Run Supported Length	13.1ft (4m)

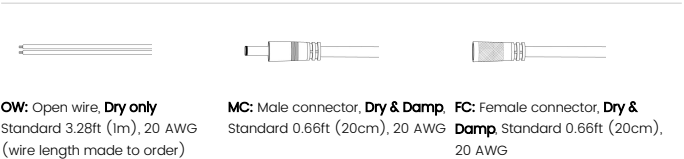
*Typically installations in USA and Canada comply with Class 2 requirements.

Technical Details	
Width	0.39in. (10mm)
LED Quantity	72 LEDs/ft (240 LEDs/m)
Beam Angle	120°
Efficacy	136.2lm/W @4000K 8.54W
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)

Feed Entry Options



Connector Wire Options



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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 57%FR 52%OP 43%	BEI202 CL 59%FR 54%OP 44%	BEI205 CL 82%FR 75%OP 61%	BEI206 CL 75%FR 69%OP 56%
BEI215 CL 52%FR 48%OP 39%	BEI302 CL 81%FR 74%OP 61%	BEI303 CL 64%FR 58%OP 48%	BEI415 CL 52%FR 47%OP 39%
BEI919 CL 74%FR 68%OP 55%	BE2020 CL 75%FR 69%OP 51%		
Mud-In			
BE5615 CL 55%FR 50%OP 41%	BE7615 CL 68%FR 62%OP 51%		

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Recessed

BEI204	BEI207	BE2015	BE5035
CL 81% FR 74% OP 60%	CL 57% FR 52% OP 43%	CL 58% FR 53% OP 44%	CL 52% FR 47% OP 39%
BE6575			
CL 61% FR 55% OP 45%			

Corner

BEI002	BEI101	BEI203
CL 83% FR 76% OP 62%	CL 54% FR 50% OP 41%	CL 69% FR 63% OP 51%

Suspended

BE3535	BE5075	BE60
CL 55% FR 50% OP 41%	CL 61% FR 56% OP 46%	CL 83% FR 76% OP 62%

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Specialty			
BE1402 Wall lighting CL 71% FR 65% OP 53%	BE1403 Wall lighting CL 76% FR 69% OP 56%	BE2009 Coves CL 54% FR 49% OP 40%	BE1806 Bendable surface mounted CL 86% FR 78% OP 64%
BE3511 Borderless Bi-Color Panel CL 63% FR 57% OP 47%	BE4615 Borderless Inside Corner CL 55% FR 50% OP 41%	BE5315 Borderless Outside Corner CL 54% FR 50% OP 41%	BE6728 Staircase CL 53% FR 49% OP 40%
BE6916 Recessed CL 54% FR 49% OP 40%	BE7030 Cove Recessed Borderless OP 60%	BE8833 Cove Recessed / Double-Layer Borderless CL 56% FR 51% OP 42%	BE12017 Toekick CL 47% FR 43% OP 35%
BE13350 Coves CL 62% FR 56% OP 46%			

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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-STS-J-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-STS-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 5.3 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 1.1 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)	

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

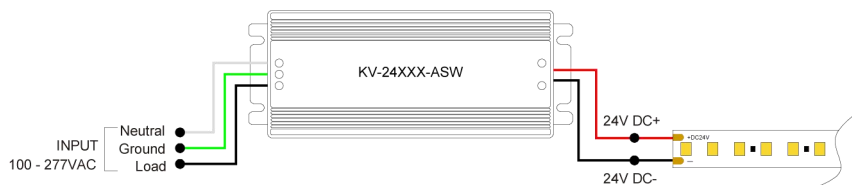
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.3 x 2cm)
KVG-24060-DW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.3cm)
KVG-24096-DW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23.1 x 7.1 x 4.3cm)
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 1.1 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)

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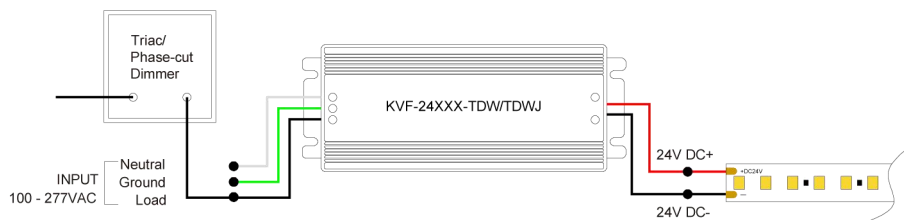
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Wiring Diagram

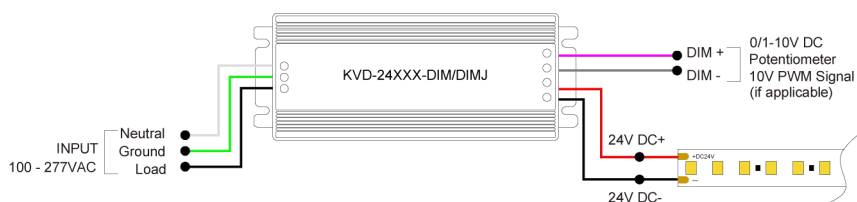
Non-dimmable



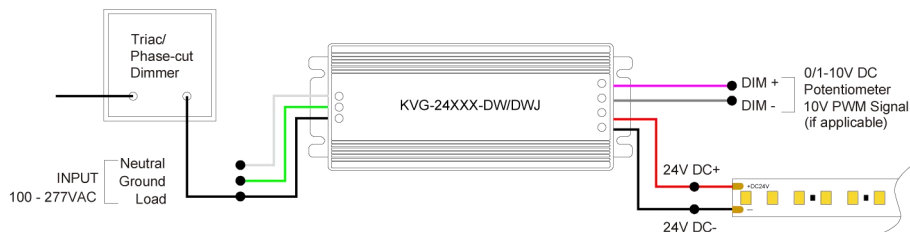
Phase cut/Triac-dimmable



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)