

ALTA TAPE Indoor · Static White

Features

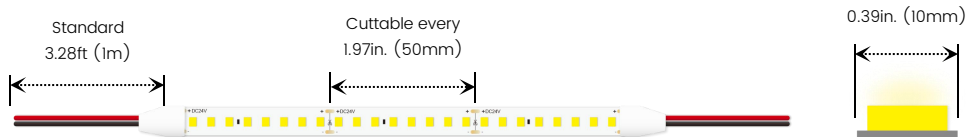
- High efficiency SMD tape offers up to 849 lumens per foot.
- IP20 rated, ideal for indoor uses
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power	Left Feed Entry			
ALTA	D2-Dry (IP20)	24-DC24V	18-1800K	146-1.46W/ft	F	Front	OW	Open wire 3.28ft (1m), 20 AWG
			22-2200K	293-2.93W/ft	C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
			24-2400K	439-4.39W/ft			FC	Female connector with 0.66ft (20cm) cable, 20 AWG
			27-2700K	585-5.85W/ft			NA	Only for Closed Feed Entry
			30-3000K					
			35-3500K					
			40-4000K					
			50-5000K					
			65-6500K					

Assembly Builder

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.

Lumen Output (lm/ft)

Temp./Color	1.46W/ft	2.93W/ft	4.39W/ft	5.85W/ft
1800K	176	349	523	696
2200K	182	362	542	722
2400K	189	375	561	747
2700K	200	396	593	790
3000K	206	409	612	815
3500K	208	413	619	824
4000K	215	426	638	849
5000K	213	422	631	841
6500K	210	418	625	832
Max. Run for Class 2*	52.6ft (16m)	26.2ft (8m)	17.5ft (5.3m)	13.1ft (4m)
Max. Run Supported Length	29.5ft (9m)	19.7ft (6m)	16.4ft (5m)	16.4ft (5m)

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

Technical Details

Width	0.39in. (10mm)
LED Quantity	48 LEDs/ft (160 LEDs/m)
Beam Angle	120°
Efficacy	145.3lm/w @3000K 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	-4-113°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 57% OP 47%	BEI202 CL 64% FR 58% OP 48%	BEI205 CL 84% FR 77% OP 63%	BEI206 CL 80% FR 73% OP 60%
BEI215 CL 54% FR 49% OP 40%	BEI302 CL 87% FR 79% OP 65%	BEI303 CL 68% FR 62% OP 51%	BEI415 CL 54% FR 49% OP 40%
BEI815 CL 52% FR 48% OP 39%	BEI919 CL 77% FR 71% OP 58%	BE2020 CL 78% FR 71% OP 58%	

Mud-In	
BE5615 CL 59% FR 54% OP 44%	BE7615 CL 72% FR 66% OP 54%

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Recessed

BEI204	BEI207	BE2015	BE5035
CL 84% FR 77% OP 63%	CL 64% FR 58% OP 47%	CL 56% FR 52% OP 42%	CL 55% FR 50% OP 41%
BE6575			
CL 66% FR 61% OP 50%			

Corner

BEI002	BEI101	BEI203
CL 86% FR 79% OP 65%	CL 58% FR 53% OP 44%	CL 75% FR 69% OP 56%

Suspended

BE3535	BE5075	BE60
CL 57% FR 52% OP 43%	CL 65% FR 60% OP 49%	CL 87% FR 79% OP 65%

Specialty			
BE1402 Wall lighting CL 57% FR 52% OP 43%	BE1403 Wall lighting CL 80% FR 73% OP 59%	BE2009 Coves CL 57% FR 52% OP 43%	BE1806 Bendable surface mounted CL 92% FR 84% OP 68%
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 60% FR 55% OP 45%	BE6728 Staircase CL 56% FR 51% OP 42%
BE6916 Recessed CL 57% FR 52% OP 43%	BE7030 Cove Recessed Borderless OP 63%	BE8833 Cove Recessed / Double-Layer Borderless CL 59% FR 54% OP 44%	BE12017 Toekick CL 47% FR 43% OP 35%
BE13350 Coves CL 45% FR 41% OP 33%			

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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)

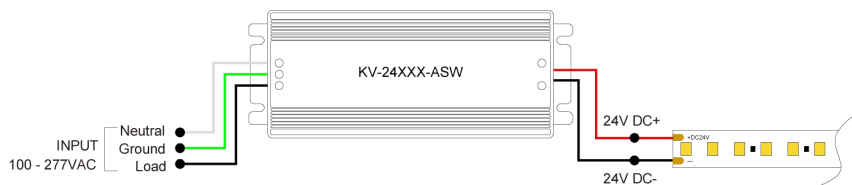
4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.3 x 2cm)
KVD-24060-DIM	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.3cm)
KVD-24096-DIM	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)

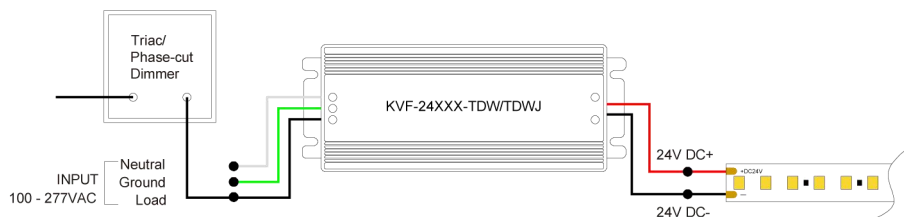
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Wiring Diagram

Non-dimmable



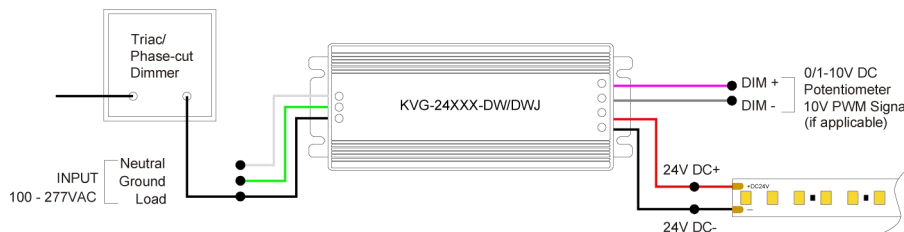
Phase cut/Triac-dimmable



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)