

AERO TAPE SAUNA Static White

Features

- Heat resistant SMD tape, designed for saunas
- IP65 rated, ideal for damp location and sheltered exterior
- 5 years warranty

Applications

Saunas, hot springs, bathhouse, resorts, etc.



Dimensions



Assembly Builder

Series	Environment	Voltage	CCT	Power	Left Feed Entry			
AEROSN	W5-Wet (IP65)	24V-DC24V	18K-1800K	1.5-1.46W/ft	F	Front	OW	Open wire 3.28ft (1m), 20 AWG
			22K-2200K	3.0-2.93W/ft	C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
			24K-2400K				FC	Female connector with 0.66ft (20cm) cable, 20 AWG
			27K-2700K				NA	Only for Closed Feed Entry
			30K-3000K					
			35K-3500K					
			40K-4000K					
			50K-5000K					
			65K-6500K					

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

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

CCT	1.46W/ft	2.93W/ft
1800K	151	299
2200K	156	310
2400K	162	321
2700K	171	339
3000K	178	353
3500K	178	353
4000K	184	364
5000K	182	361
6500K	180	357
Max. Run for Class 2*	23ft (7m)	16.4ft (5m)
Max. Run Supported Length	23ft (7m)	16.4ft (5m)

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

Technical Details	
Width	0.47in. (12mm)
LED Quantity	32 LEDs/ft (120 LEDs/M)
Beam Angle	120°
Efficacy	124.2lm/W @4000K 2.93W
CRI	Ra ≥ 80
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	16.4ft (5m)
Storage Temperature	-104-140°F (-40°C- 60°C)
Ambient Temperature	-104-230°F (-40°C- 110°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



AERO TAPE SAUNA Static White

Connectors & Additional Accessories (Optional, purchase for extra)



CL-12-65
Mounting clip, for 0.47in. (12mm) tape, IP65



SEC-C-12-65
Closed silicone end cap, for 0.47in. (12mm) tape, IP65



MCW-2P-67
Male connector with 0.98ft (30cm) white cable, 2 pin, IP67, Wet, 20 AWG



FCW-2P-67
Female connector with 0.98ft (30cm) white cable, 2 pin, IP67, Wet, 20 AWG

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			10.1 x 3.1 x 1.9in. (25.7 x 7.9 x 4.8cm)			
KVD-24200-DIM	200W			No			13.4 x 1.1 x 7.3in. (34 x 27.9 x 18.5cm)
KVD-24300-DIM	300W	100-277VAC	24V				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)

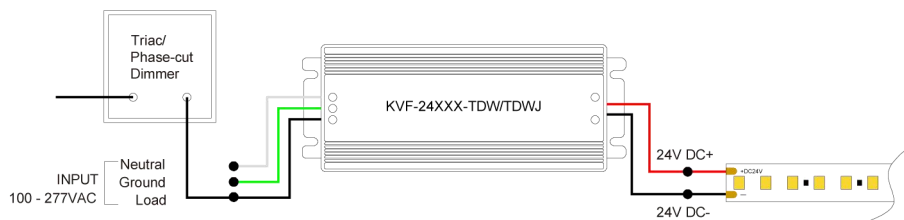
AERO TAPE SAUNA Static White

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)



AERO TAPE SAUNA Static White

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	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)