

AERO TAPE SAUNA Indoor · Static White

Features

- Operates in temperature up to 212°F (100°C)
- Field cuttable
- Low voltage DC24V
- 100-300 lumen outputs
- IP65 rated, ideal for indoor uses
- 5 years warranty



Date

Fixture type

Project name

Project phase



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
AEROSN	W5	Wet (IP65)	24	DC24V
			18	1800K
			22	2200K
			24	2400K
			27	2700K
			30	3000K
			35	3500K
			40	4000K
			50	5000K
			65	6500K
			146	1.46W/ft
			293	2.93W/ft
				~100 lm/ft
				~300 lm/ft

Assembly Builder

Left Feed Entry				Right Feed Entry				Illuminated Length ¹		
F	Front	OW	Open wire 3.28'	F	Front	OW	Open wire 3.28'	Max.	16.4'	~1.46W
C	Closed	MC	Male connector with 0.98' cable	C	Closed	MC	Male connector with 0.98' cable	Increment	16.4'	~2.93W
		FC	Female connector with 0.98' cable			FC	Female connector with 0.98' cable		1.97'	
		NA	Only for Closed Feed Entry			NA	Only for Closed Feed Entry			

1. Production length = Illuminated length + End cap extension length (refer to above "Dimension" section for extension length)

Temp./Color	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 Low Voltage (ft)	16.4	16.4
Max. Run Length (ft)	16.4	16.4
Storage Temperature	-13-212°F	-13-212°F
Ambient Temperature	-4-212°F	-4-212°F

Technical Details

Width	0.47" (12mm)
PCB Width	0.39" (10mm)
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
Life (L70)	> 54,000 hours
Max. Length Per Reel	16.4' (5M)

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Feed Entry Options

F: Front



C: Closed



Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28' (1m), 20 AWG
(wire length customizable)



MC: Male connector, **Wet**
Standard 0.98' (30cm), 20 AWG



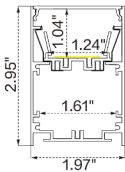
FC: Female connector, **Wet**
Standard 0.98' (30cm), 20 AWG

Channel Compatibility

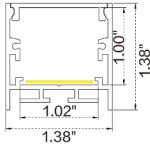
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Architectural

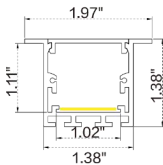
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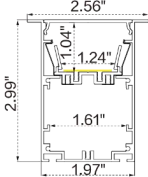


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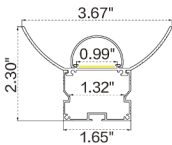


Main lighting

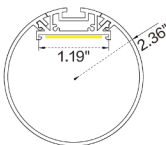
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Drivers

Non-dimmable

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KV-24030-ASW	30W	100-277VAC	24V	No	Yes	Dry/Damp	6.10" *2.12" *0.78"
KV-24060-ASW	60W	100-277VAC	24V	No	Yes	Dry/Damp	7.00" *2.40" *0.94"
KV-24096-ASW	96W	100-277VAC	24V	No	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KV-24150-ASW	150W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.07" *3.07" *1.85"
KV-24200-ASW	200W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.07" *3.07" *1.85"
KV-24300-ASW	300W	100-277VAC	24V	No	No	Dry/Damp/Wet	10.86" *3.07" *1.85"

Phase cut/Triac-dimmable

Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVF-24030-TDW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVF-24060-TDW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.00" *2.40" *0.94"
KVF-24096-TDW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVF-24150-TDW	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.00" *3.07" *1.85"
KVF-24200-TDW	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.00" *3.07" *1.85"
KVF-24300-TDW	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.87" *3.07" *1.85"

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

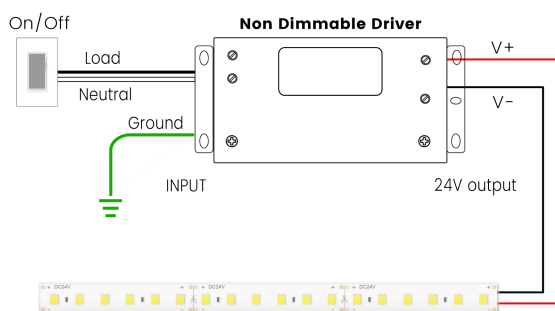
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.08" *3.07" *1.85"
KVD-24200-DIM	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	13.38" *11.02" *7.28"
KVD-24300-DIM	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.87" *3.07" *1.89"

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

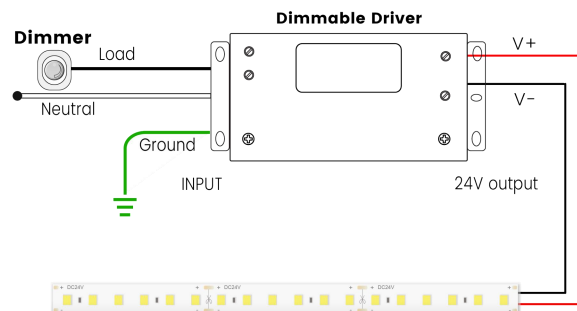
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.08" *3.07" *1.85"
KVG-24200-DW	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.08" *3.07" *1.85"
KVG-24300-DW	300W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.87" *3.07" *1.89"

Wiring Diagram

Non-dimmable



Dimmable



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Connectors (Optional, purchase for extra)



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



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

Additional Accessories (Optional, purchase for extra)



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



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



VHB
VHB 3M adhesive back tape, stronger stickiness