

AERO TAPE HD WET Indoor · Static White

Features

- High-density LED strips offer bright, uniform, flexible lighting
- Field cuttable
- Low voltage DC24V
- 100-600 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		
AEROHD	W5	Wet (IP65)	24	DC24V	18	1800K	146	1.46W/ft	~100 lm/ft
					22	2200K	293	2.93W/ft	~200 lm/ft
					24	2400K	439	4.39W/ft	~400 lm/ft
					27	2700K	585	5.85W/ft	~500 lm/ft
					30	3000K	732	7.32W/ft	~600 lm/ft
					35	3500K			
					40	4000K			
					65	6500K			

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		16.4' -2.93W
		FC	Female connector with 0.98' cable			FC	Female connector with 0.98' cable		16.4' -4.39W
		NA	Only for Closed Feed Entry			NA	Only for Closed Feed Entry		16.4' -5.85W
									16.4' -7.32W
								Increment	0.98'

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	4.39W/ft	5.85W/ft	7.32W/ft
1800K	115	227	339	451	563
2200K	120	236	352	467	583
2400K	124	244	364	484	604
2700K	131	258	385	511	638
3000K	135	266	397	528	659
3500K	137	269	401	533	666
4000K	141	277	414	550	686
6500K	138	272	405	539	673
Max. Run for Class 2 Low Voltage (ft)	16.4	16.4	16.4	13.1	10.5
Max. Run Length (ft)	16.4	16.4	16.4	16.4	16.4
Storage Temperature	-13-140°F	-13-140°F	-13-140°F	-13-140°F	-13-140°F
Ambient Temperature	-4-113°F	-4-113°F	-4-113°F	-4-113°F	-4-113°F

Technical Details

Width	0.47" (12mm)
PCB Width	0.39" (10mm)
LED Quantity	72 LEDs/ft (240 LEDs/M)
Beam Angle	120°
Efficacy	94.3lm/W @4000K 4.39W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Life (L70)	> 54,000 hours
Max. Length Per Reel	32.8' (10M)

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

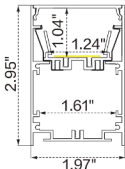
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Channel Compatibility

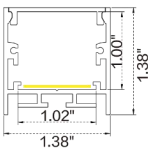
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Architectural

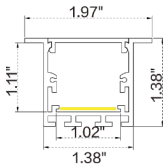
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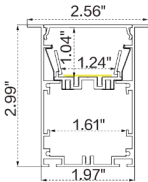


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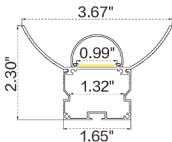


Main lighting

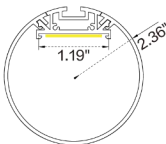
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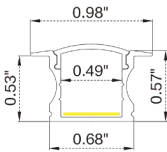


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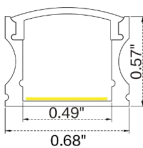


Universal

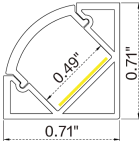
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Drivers

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	10.07" *3.07" *1.85"
KVF-24200-TDW	200W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	10.07" *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)

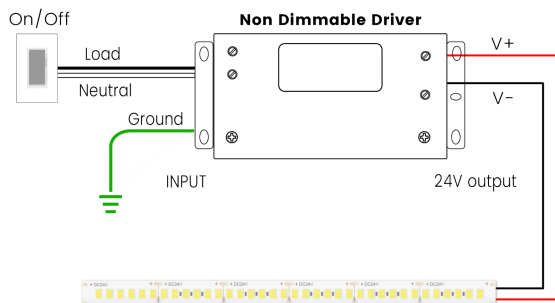
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W	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)

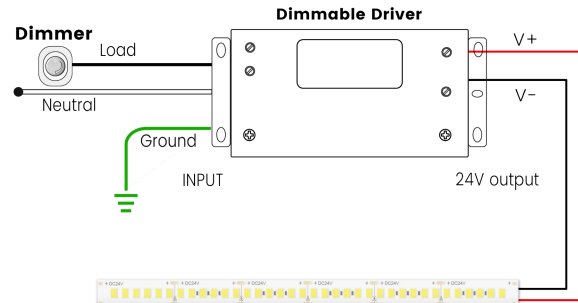
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC	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