

AERO TAPE WET X Outdoor · Static White

Features

- Max run length up to 16.4ft (5m) from single power feed
- Field cuttable
- Low voltage DC24V
- 100-600 lumen outputs
- IP67 rated, ideal for indoor and outdoor uses
- 5 years warranty



Date

Fixture type

Project name

Project phase



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
AERO	W7	Wet (IP67)	24	DC24V
			22	2200K
			24	2400K
			27	2700K
			30	3000K
			35	3500K
			40	4000K
			65	6500K
			146	1.46W/ft
			293	2.93W/ft
			439	4.39W/ft
			585	5.85W/ft
			732	7.32W/ft
				~100 lm/ft
				~200 lm/ft
				~400 lm/ft
				~500 lm/ft
				~600 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'
C	Closed	MC	Male connector with 0.98' cable	C	Closed	MC	Male connector with 0.98' cable		16.4'
		FC	Female connector with 0.98' cable			FC	Female connector with 0.98' cable		16.4'
		NA	Only for Closed Feed Entry			NA	Only for Closed Feed Entry		16.4'
									16.4'
								Increment	1.97'

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
2200K	126	233	333	459	561
2400K	130	241	344	475	581
2700K	138	255	364	502	614
3000K	141	262	375	518	634
3500K	144	265	380	523	640
4000K	148	274	391	540	660
6500K	145	268	383	529	647
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	36 LEDs/ft (120 LEDs/m)
Beam Angle	120°
Efficacy	89.1lm/W @4000K 4.39W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Life (L70)	> 54,000 hours
Max. Length Per Reel	98.4' (30M)

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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



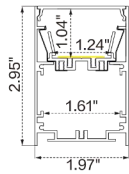
FC: Female connector, **Wet**
Standard 0.98' (30cm), 20 AWG

Channel Compatibility

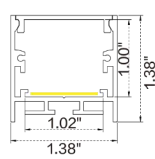
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Architectural

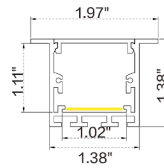
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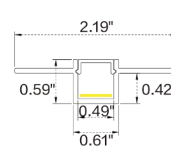
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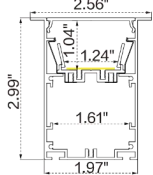


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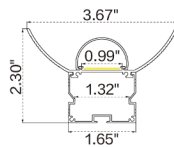


Main lighting

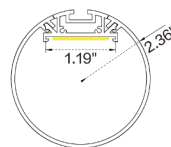
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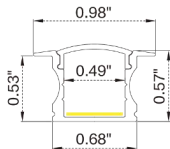


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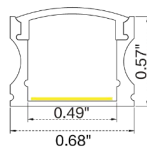


Universal

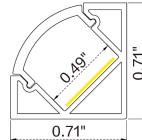
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Drivers

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)

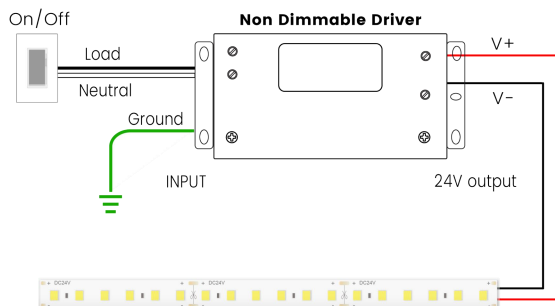
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W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

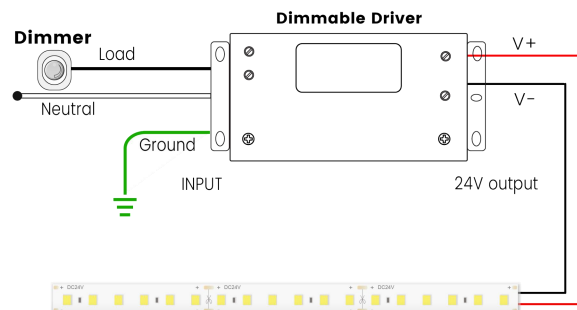
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC	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-12-67
Mounting clip, for 0.47" (12mm) tape, IP67



SEC-C-12-67
Closed silicone end cap, for 0.47" (12mm) tape, IP67

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