

AERO TAPE FREE CUT Indoor · Static White

Features

- Free-Cut design (cut every 0.33"), the ultimate solution of small cut
- Field cuttable & joinable
- Low voltage DC24V
- 300-500 lumen outputs
- IP20 rated, ideal for indoor uses
- 5 years warranty



Date _____ Fixture type _____

Project name _____ Project phase _____



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
AEROFC	D2 Dry (IP20)	24 DC24V	18 1800K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K 65 6500K	366 3.66W/ft ~300 lm/ft 427 4.27W/ft ~400 lm/ft 579 5.79W/ft ~500 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'	~3.66W
C	Closed	MC	Male connector with 0.66" cable	C	Closed	MC	Male connector with 0.66" cable		16.4'	~4.27W
		FC	Female connector with 0.66" cable			FC	Female connector with 0.66" cable		16.4'	~5.79W
		NA	Only for Closed Feed Entry			NA	Only for Closed Feed Entry	Increment	0.33'	

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

Temp./Color	3.66W/ft	4.27W/ft	5.79W/ft
1800K	288	335	453
2200K	299	347	470
2400K	310	360	487
2700K	327	380	514
3000K	338	392	531
3500K	341	396	536
4000K	352	409	553
6500K	345	400	542
Max. Run for Class 2 Low Voltage (ft)	16.4	16.4	16.4
Max. Run Length (ft)	16.4	16.4	16.4
Storage Temperature	-13-140°F	-13-140°F	-13-140°F
Ambient Temperature	-4-113°F	-4-113°F	-4-113°F

Technical Details

Width	0.39" (10mm)
PCB Width	0.39" (10mm)
LED Quantity	36 LEDs/ft (120 LEDs/m)
Beam Angle	120°
Efficacy	95.8lm/W @4000K 4.27W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Life (L70)	> 54,000 hours
Max. Length Per Reel	164' (50M)

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, **Dry & Damp**
Standard 0.66' (20cm), 20 AWG



FC: Female connector, **Dry & Damp**
Standard 0.66' (20cm), 20 AWG

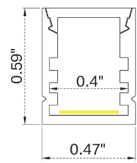
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Channel Compatibility

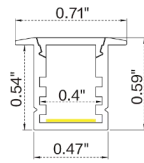
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Universal

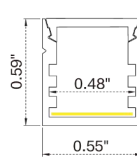
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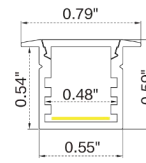
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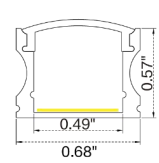
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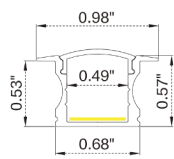
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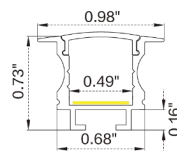
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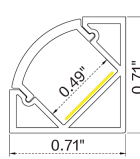
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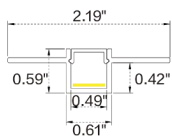


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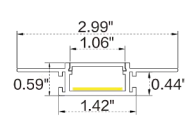


Architectural

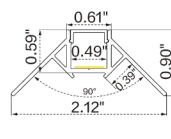
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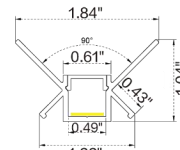
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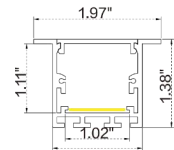
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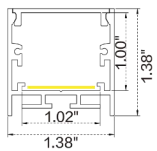
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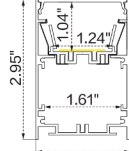
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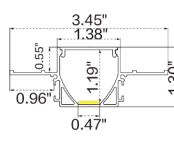
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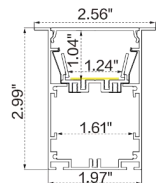


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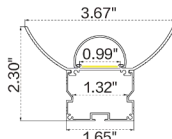


Main lighting

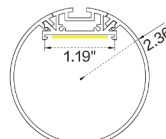
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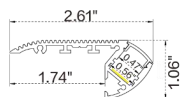


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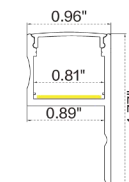


Special lighting

BE6728



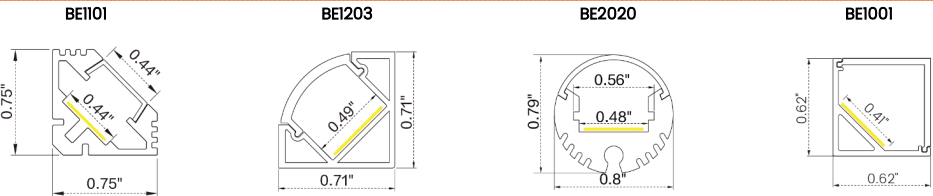
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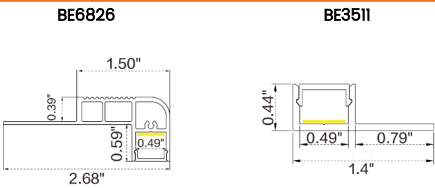
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Universal



Special 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)

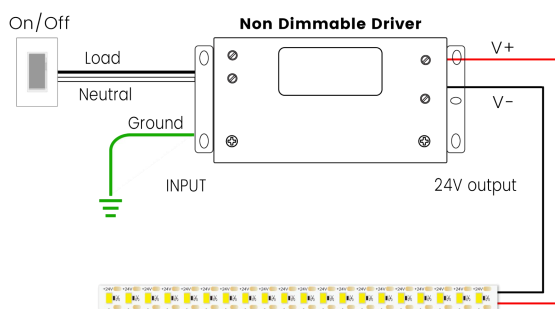
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W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

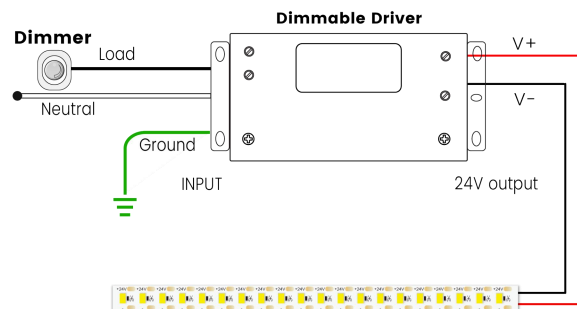
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC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



N6012-STCN-2P-10
Strip to cable connector without wire, for 0.39" (10mm) tape, 2 pin



N6012-STC-2P-10
Strip to cable connector with 5.91" (15cm) wire, for 0.39" (10mm) tape, 2 pin



N6012-STSJ-2P-10
Strip to strip jumper connector with 5.91" (15cm) wire, for 0.39" (10mm) tape, 2 pin



N6012-STDCB-2P-10
Strip to cable with black male & female connector, for 0.39" (10mm) tape, 2 pin



N6012-STDCW-2P-10
Strip to cable with white male & female connector, for 0.39" (10mm) tape, 2 pin



N6012-STTS-2P-10
Strip to strip connector, for 0.39" (10mm) tape, 2 pin



C6012-LC-2P-10
L-shaped corner connector, for 0.39" (10mm) tape, 2 pin



C6012-RC-2P-10
R-shaped corner connector, for 0.39" (10mm) tape, 2 pin

Additional Accessories (Optional, purchase for extra)



MCB-DC-44
Male DC connector with 0.66' (20cm) cable, IP44, Dry & damp, 20 AWG



FCB-DC-44
Female DC connector with 0.66' (20cm) cable, IP44, Dry & damp, 20 AWG



VHB
VHB 3M adhesive back tape, stronger stickiness