

AERO TAPE DTW

Indoor · Dim to Warm

Features

- Dim to warm 1800K-3500K
- Field cuttable & joinable
- Low voltage DC24V
- 300 lumen outputs
- IP20 rated, ideal for indoor uses
- 5 years warranty

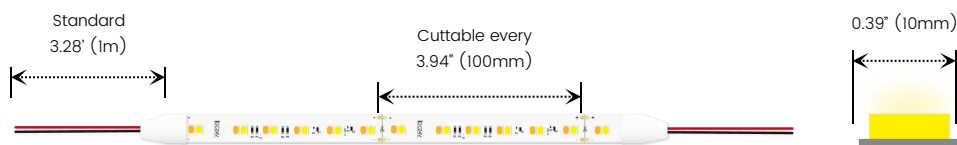


Date _____ Fixture type _____

Project name _____ Project phase _____



Dimension



Order Code

Series	Environment	Voltage	Temp./Color	Power
AERO	D2 Dry (IP20)	24 DC24V	DTW1835 Dim to Warm 1800K-3500K	439 4.39W/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'	~4.39W
C	Closed	MC	Male connector with 0.66' cable	C	Closed	MC	Male connector with 0.66' cable	Increment	3.94'	
		FC	Female connector with 0.66' cable			FC	Female connector with 0.66' cable			
		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	4.39W/ft
Dim to Warm 1800K-3500K	347
Max. Run for Class 2 Low Voltage (ft)	16.4
Max. Run Length (ft)	16.4
Storage Temperature	-13~140°F
Ambient Temperature	-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	102.3lm/W @ Dim to Warm 1800K-3500K 4.39W
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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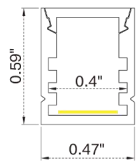
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Channel Compatibility

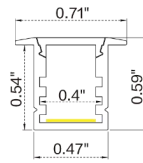
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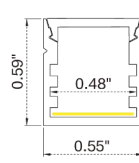
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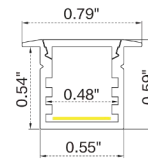
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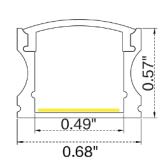
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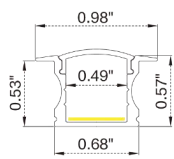
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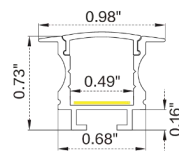
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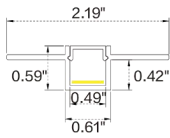


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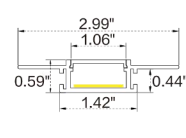


Architectural

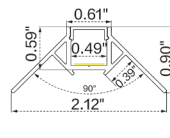
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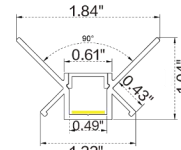
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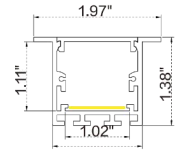
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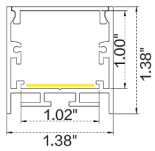
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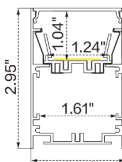
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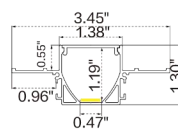
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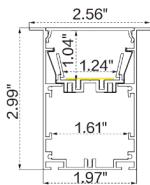


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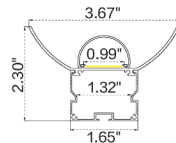


Main lighting

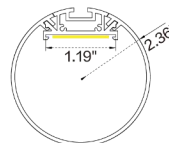
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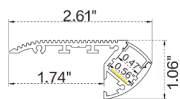


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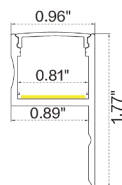


Special lighting

BE6728



BE2009



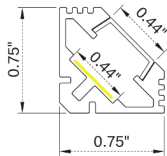
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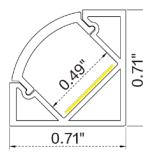
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Universal

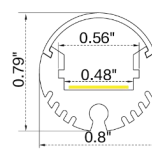
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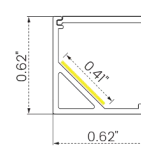
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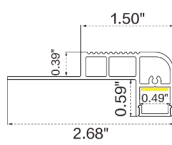


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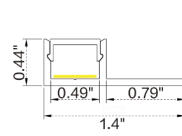


Special lighting

BE6826



BE3511



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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)

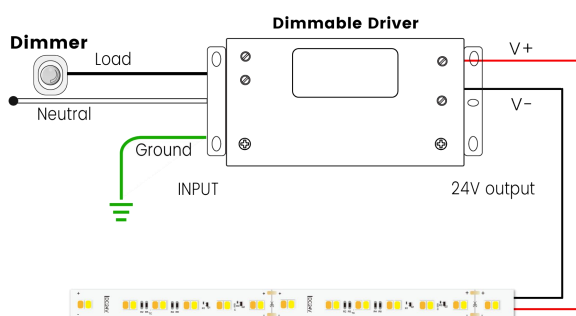
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L *W *H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W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

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