

AERO TAPE HD Indoor · Static White

Features

- High-density LED strips offer bright, uniform, flexible lighting
- Field cuttable & joinable
- Low voltage DC24V
- 100-700 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
AEROHD	D2 Dry (IP20)	24 DC24V	18 1800K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K 65 6500K	146 1.46W/ft ~100 lm/ft 293 2.93W/ft ~300 lm/ft 439 4.39W/ft ~400 lm/ft 585 5.85W/ft ~500 lm/ft 732 7.32W/ft ~700 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 0.66' cable	C	Closed	MC	Male connector with 0.66' cable		16.4' -2.93W
		FC	Female connector with 0.66' cable			FC	Female connector with 0.66' 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 below page for extension length of each end cap)

Temp./Color	1.46W/ft	2.93W/ft	4.39W/ft	5.85W/ft	7.32W/ft
1800K	122	239	357	475	592
2200K	126	248	370	492	614
2400K	130	257	383	509	636
2700K	138	271	405	538	672
3000K	142	280	418	556	693
3500K	144	283	422	561	701
4000K	148	292	435	579	722
6500K	145	286	427	567	708
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	0.39" (10mm)
PCB Width	0.39" (10mm)
LED Quantity	72 LEDs/ft (240 LEDs/M)
Beam Angle	120°
Efficacy	99.1lm/W @4000K 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



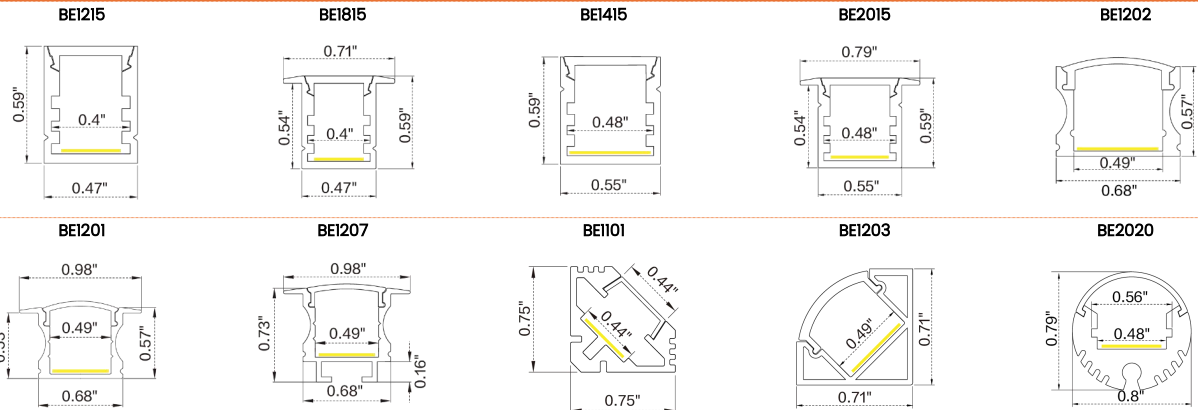
FC: Female connector, **Dry & Damp**
Standard 0.66' (20cm), 20 AWG

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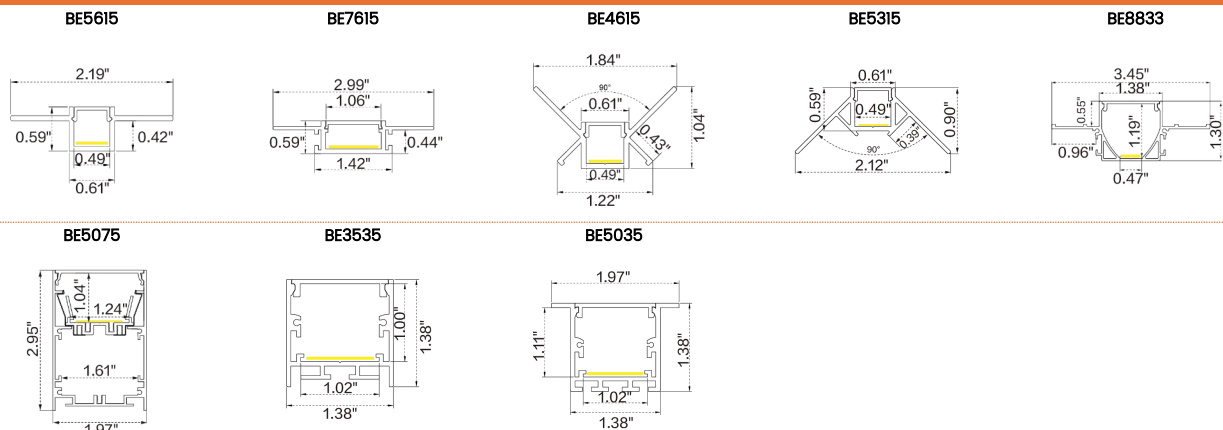
Channel Compatibility

: No pixelation

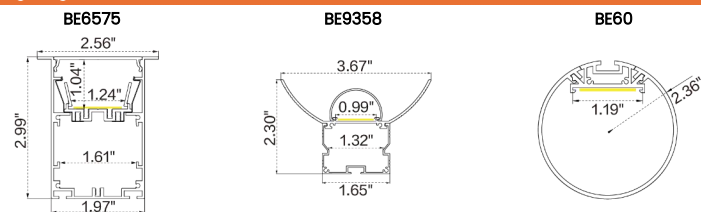
Universal



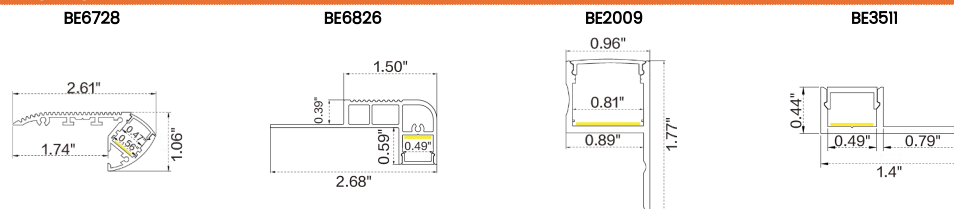
Architectural



Main lighting



Special lighting

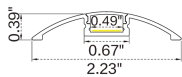


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: Slight pixelation

Universal

BEI206

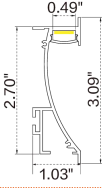


Special lighting

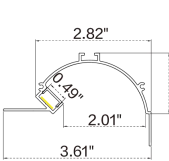
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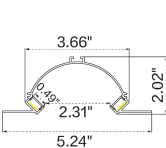
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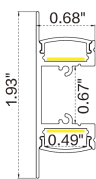
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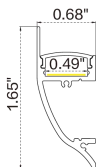
BEI3350



BEI402



BEI403



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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)

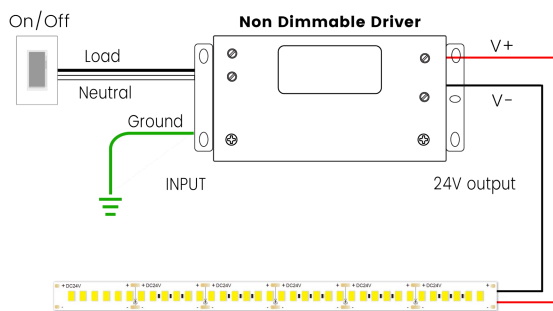
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVD-24030-DIM	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.12" *0.78"
KVD-24060-DIM	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.40" *0.94"
KVD-24096-DIM	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.05" *2.75" *1.69"
KVD-24150-DIM	150W	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	10.08" *3.07" *1.85"
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)

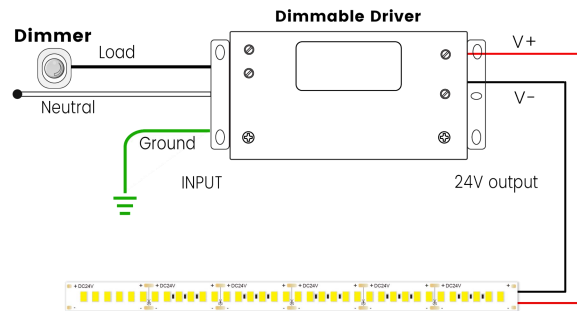
Code	Max Load	Input	Output	Dimmable	Class 2	Environment	Size (L*W*H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	Yes	Dry/Damp	6.10" *2.13" *0.79"
KVG-24060-DW	60W	100-277VAC	24V	Yes	Yes	Dry/Damp	7.01" *2.41" *0.94"
KVG-24096-DW	96W	100-277VAC	24V	Yes	Yes	Dry/Damp/Wet	9.06" *2.76" *1.69"
KVG-24150-DW	150W	100-277VAC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



NI4CO-STCN-2P-10
Strip to cable connector without wire, for 0.39" (10mm) tape, 2 pin



NI4CO-STC-2P-10
Strip to cable connector with 5.91" (15cm) wire, for 0.39" (10mm) tape, 2 pin



NI4CO-STSJ-2P-10
Strip to strip jumper connector with 5.91" (15cm) wire, for 0.39" (10mm) tape, 2 pin



NI4CO-STDCB-2P-10
Strip to cable with black male & female connector, for 0.39" (10mm) tape, 2 pin



NI4CO-STDCW-2P-10
Strip to cable with white male & female connector, for 0.39" (10mm) tape, 2 pin



NI4CO-STSS-2P-10
Strip to strip connector, for 0.39" (10mm) tape, 2 pin



C14CO-LC-2P-10
L-shaped corner connector, for 0.39" (10mm) tape, 2 pin



C14CO-RC-2P-10
R-shaped corner connector, for 0.39" (10mm) tape, 2 pin



NI6CO-L-2P-10
L-shaped 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