

# VEROBOARD®

**LED Type:** VBDFS-E2835-XXXX-168-24-NS-10  
**Colour:** 2700K • 3000K • 3500K • 4000K • 5000K

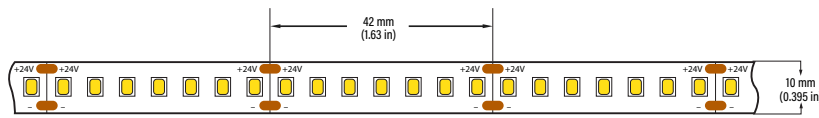
	Wattage	Brightness
Per Foot	4.2W/ft	500Lm/ft
Per Meter	14W/m	1640Lm/m



## DESCRIPTION

Flexible 10mm-wide linear LED strip, specially designed for our Flexible Neon Channels, does not include double-sided 3m tape so that it can be easily inserted into the neon channel. can be cut every 7 LEDs (42mm or 1.63 inches). These LED strip lights are crafted from premium materials and engineered for professional lighting applications. Each strip light starts with a robust dual-core copper printed circuit board (PCB), which is then fitted with an array of chips and color options through soldering.

## DIMENSIONS



## SPECIFICATIONS

<b>Model:</b>	VBDFS-E2835-xxxx-168-24-NS-10
<b>Color Temperature:</b>	2700K • 3000K • 3500K • 4000K • 5000K
<b>LED Type:</b>	2835 SMD
<b>LED Qty:</b>	168 LEDs per meter
<b>Input Voltage (VF):</b>	24V DC
<b>Power:</b>	14W per meter (4.2W/ft)
<b>Brightness:</b>	1640 Lm/meter (500 Lm/ft)
<b>Lifespan:</b>	>50,000 hours
<b>PCB:</b>	4oz PCB, Double-side, white colour 10mm width
<b>Rendering Index (Ra):</b>	CRI>95
<b>Beam Angle:</b>	120°
<b>Dimmable:</b>	Yes
<b>Cut Size:</b>	Every 7 LED chips (1.63")
<b>Operating Temperature:</b>	-15°C to +40°C
<b>Dimensions:</b>	10mm (0.39")
<b>Certificates:</b>	UL / RoHs

Job Name: \_\_\_\_\_

Distributor: \_\_\_\_\_

Type: \_\_\_\_\_



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666561433208



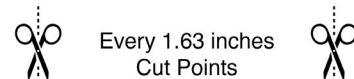
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666561433239



Back Side



**COMPATIBLE  
SILICONE NEON  
CHANNELS**  
(Sold Separately)



Model: VBD-N1616-SF-B  
SKU: 666561432485



Model: VBD-N1616-SD-W  
SKU: 666561432553



Model: VBD-N1018-SF-B  
SKU: 666561433031



Model: VBD-N2020-SF-B  
SKU: 666561432782



Model: VBD-N2020-SD-W  
SKU: 666561432836



Model: VBD-N2020-SFD-W  
SKU: 666561432881

For more information about our products and services, please visit our website: [www.veroboard.com](http://www.veroboard.com)

## RECOMMENDED LED POWER SUPPLIES (Sold Separately)

For more options and varieties, please visit our website: [www.veroboard.com](http://www.veroboard.com)

### Constant Voltage Dimmable LED Drivers (5 in 1), Triac/Phase, 0-10V, 1-10V, Potentiometer, 10V PWM 5 in 1 Dimming



Model No.	Input Voltage	Output Voltage	Wattage	IP Rating	Class	Max. Strip Length	SKU#
VBD-024-030C2DM5i1	100-277V	24V	30W	IP67	Class 2	5.7ft	666561426033
VBD-024-060C2DM5i1	100-277V	24V	60W	IP67	Class 2	11.5ft	666561426040
VBD-024-080C2DM5i1	100-277V	24V	80W	IP67	Class 2	15.2ft	666561426088
VBD-024-096C2DM5i1	100-277V	24V	96W	IP67	Class 2	18.2ft	666561426057
VBD-024-192C2DM5i1	100-277V	24V	192W	IP67	Class 2	36.5ft	666561426064
VBD-024-288C2DM5i1	100-277V	24V	288W	IP67	Class 2	54.8ft	666561426071

### Constant Voltage Triac LED Drivers forward Phase, Magnetic Low Voltage & Triac Dimmers



Model No.	Input Voltage	Output Voltage	Wattage	IP Rating	Class	Max. Strip Length	SKU#
VBD-024-024DM	100-130V	24V	24W	IP20	Class 2	4.5ft	666561415839
VBD-024-048DM	100-130V	24V	48W	IP20	Class 2	9.1ft	666561415822
VBD-024-060DM	100-130V	24V	60W	IP20	Class 2	11.4ft	666561415815
VBD-024-096DM	100-130V	24V	96W	IP67	Class 2	18.3ft	666561415808
VBD-024-150DM	100-130V	24V	150W	IP67	-	28.5ft	666561415792
VBD-024-200DM	100-130V	24V	200W	IP67	-	38ft	666561415785
VBD-024-300VTHWJ	100-277V	24V	300W	IP65	-	57.1ft	666561419806

### DALI DIMMING CONSTANT VOLTAGE



Model No.	Input Voltage	Output Voltage	Wattage	IP Rating	Class	Max. Strip Length	SKU#
VBD-024-030DD	100-265V AC	24V	30W	IP20	Class 2	5.7ft	666561427306
VBD-024-060DD	100-265V AC	24V	60W	IP65	Class 2	11.5ft	666561427320
VBD-024-096DD	100-265V AC	24V	96W	IP65	Class 2	18.2ft	666561427344
VBD-024-150DD	100-265V AC	24V	150W	IP65	-----	28.5ft	666561427368
VBD-024-200DD	100-265V AC	24V	200W	IP65	-----	38ft	666561427375

### PLUG-IN DRIVERS



Model No.	Input Voltage	Output Voltage	Wattage	IP Rating	Class	Max. Strip Length	SKU#
VBDA-024-024P1J	100-240V AC	24V	24W	IP20	Class 2	4.5ft	666561428969
VBDA-024-036P1J	100-240V AC	24V	36W	IP20	Class 2	6.8ft	666561428983
VBDA-024-060P1J	100-240V AC	24V	60W	IP20	Class 2	11.5ft	666561429003

Notes: \_\_\_\_\_  
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#### Disclaimer:

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