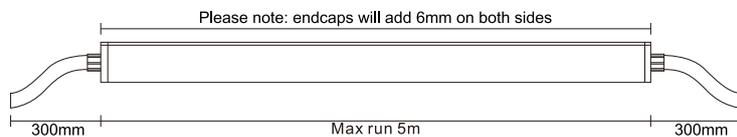
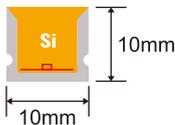


# VL-SI1010-W ( Small Wave series - top bend )



## FEATURES

Fully automated extrusion silicone LED flexible neon, offering smooth, linear decorative effects. Ideal for straight wall surfaces, borders, and minimalist design styles.

IP67 protection, specially in-feed system and end cap design enable a dot-free alignment of numerous fixtures.

### Optics & Electronics

Unique integrated circuit design ensures uniform light intensity along the entire length of fixture.

LED with 3-step MacAdam and guaranteeing consistent and high-quality light output.

### Customization

Front, bottom and side cable entry options available for different install options.

Endless fixture length configurations allow for the ultimate freedom of design.

Cut lengths and terminations are pre-assembled at Vals Lighting factory to ensure IP rating and reliability.

### Life Cycle

Long lifetime of L70B10>54,000 hours with Five-year limited warranty indoor and outdoor.

# VL-SI1010-W ( Small Wave series - top bend )



SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	Light Color	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-SI1010-W	9.6W/m	Maximum length - 5m	<b>MONO</b>  <b>TW</b>  <b>RGB</b>  <b>RGBW</b> 	24VDC	<b>FF</b> - Front + Front <b>SS</b> - Side + Side <b>BB</b> - Bottom + Bottom <b>FX</b> - Front + Closed <b>SX</b> - Side + Closed <b>BX</b> - Bottom + Closed	IP67

Order example: VL-SI1010-W-927K-5m-SS

PRODUCT SPECIFICATIONS 				
		MONO		
Electrical	Power	9.6 W/m		
	Input Voltage	24VDC		
Physical	Minimum Length	50mm		
	Width x Height	10mm x 10 mm		
	Body Finish	Premium silicone / white		
	Bend Direction	Vertical (top bending)		
	Bend Radius	50mm		
	Qty of LED	120LEDs/m		
	IC Type	/		
	Cable Entry Options	Front, Side, Bottom		
Optical	Fixture Connections	IP67 injection-moulded input and end cap		
	LED Type	2835 LED		
	Control Protocol	0-10V or PWM or Dali		
	Lumen Output	638Lm/m(3000K)	672Lm/m(4000K)	746Lm/m(6500K)
	Efficacy	70Lm/W(CRI90, 4000K)		
Temperature Range	Lumen Maintenance	L70B10@54,000 hours		
	Storage Temperature	-25°Cmin, 60°Cmax		
	Max Ambient Temperature	50°C		
	Min Ambient Temperature	-25°C		

# VL-SI1010-W ( Small Wave series - top bend )



PRODUCT SPECIFICATIONS 		
		Tunable white
Electrical	Power	9.6W/m
	Input Voltage	24VDC
Physical	Minimum Length	50mm
	Width x Height	10mm x 10mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	50mm
	Qty of LED	240LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
Optical	Fixture Connections	IP67 injection-moulded input and end cap
	LED Type	2835 LED
	Control Protocol	0-10V or PWM or Dali
	Lumen Output	288Lm/m(2700K) 624Lm/m(4000K) 321Lm/m(6500K)
	Efficacy	65Lm/W(CRI90, 4000K)
Temperature Range	Lumen Maintenance	L70B10@54,000 hours
	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

PRODUCT SPECIFICATIONS 		
		RGB
Electrical	Power	9.6W/m
	Input Voltage	24VDC
Physical	Minimum Length	50mm
	Width x Height	10mm x 10mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	50mm
	Qty of LED	120LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
Optical	Fixture Connections	IP67 injection-moulded input and end cap
	LED Type	2835 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGB: 346Lm/m
	Efficacy	36Lm/W
Temperature Range	Lumen Maintenance	L70B10@54,000 hours
	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

# VL-SI1010-W ( Small Wave series - top bend )



PRODUCT SPECIFICATIONS 		
		RGBW
Electrical	Power	9.6W/m
	Input Voltage	24VDC
Physical	Minimum Length	50mm
	Width x Height	10mm x 10mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	50mm
	Qty of LED	240LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	2835 RGB + 2219 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGBW: 384Lm/m
	Efficacy	40Lm/W
	Lumen Maintenance	L70B10@54,000 hours
Temperature Range	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

# VL-SI1010-W ( Small Wave series - top bend )



## CABLE ENTRY OPTION EXAMPLES

F-FRONT	S-SIDE-LEFT	S-SIDE-RIGHT	B-BOTTOM	SEAMLESS SPLICING
<b>FX</b> 	<b>SLX</b> 	<b>SRX</b> 	<b>BX</b> 	
<b>FF</b> 	<b>SLSL</b> 	<b>SRSR</b> 	<b>BB</b> 	

## PROFILES AND MOUNTING OPTIONS

FIXED ALUMINUM PROFILE				
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS	
		<b>1010-FAP-_____MM</b>	<b>FAP- Fixed aluminum profile</b>	
BENDABLE STAINLESS STEEL PROFILE				
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS	
		<b>1010-BSP-_____MM</b>	<b>BSP- Bendable stainless steel profile</b>	
MOUNTING CLIPS				
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS	
		<b>1010-MC</b>	<b>MC- Mounting clips</b>	

## BENDING INSTRUCTION

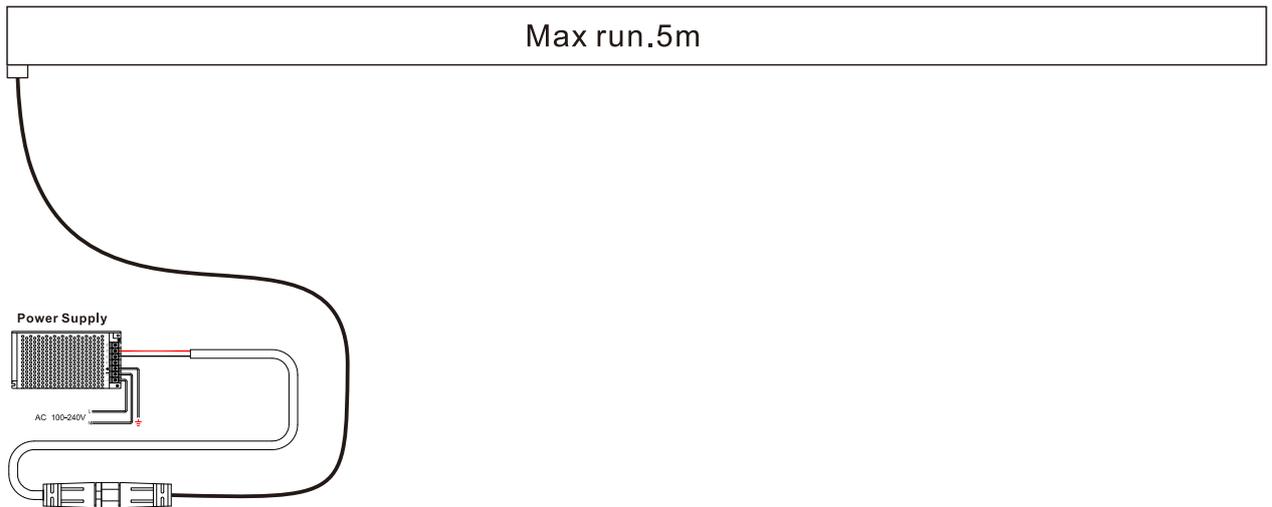
<b>Bending in wave form - vertical</b>		<b>DO NOT TWIST</b>
<b>DO NOT bend in curve form - horizontal</b>		

# VL-SI1010-W ( Small Wave series - top bend )

## WIRING ELECTRICAL DIAGRAM

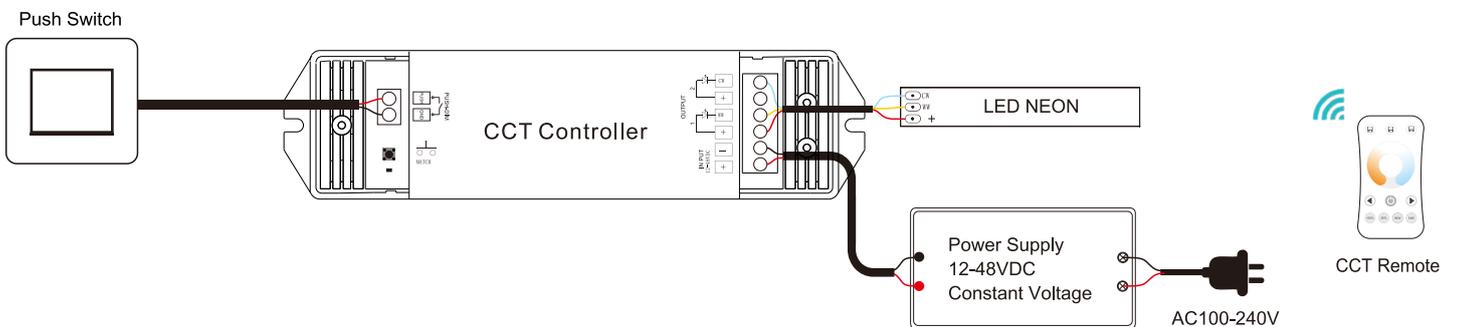
### MONO

Input by one end



## WIRING ELECTRICAL DIAGRAM

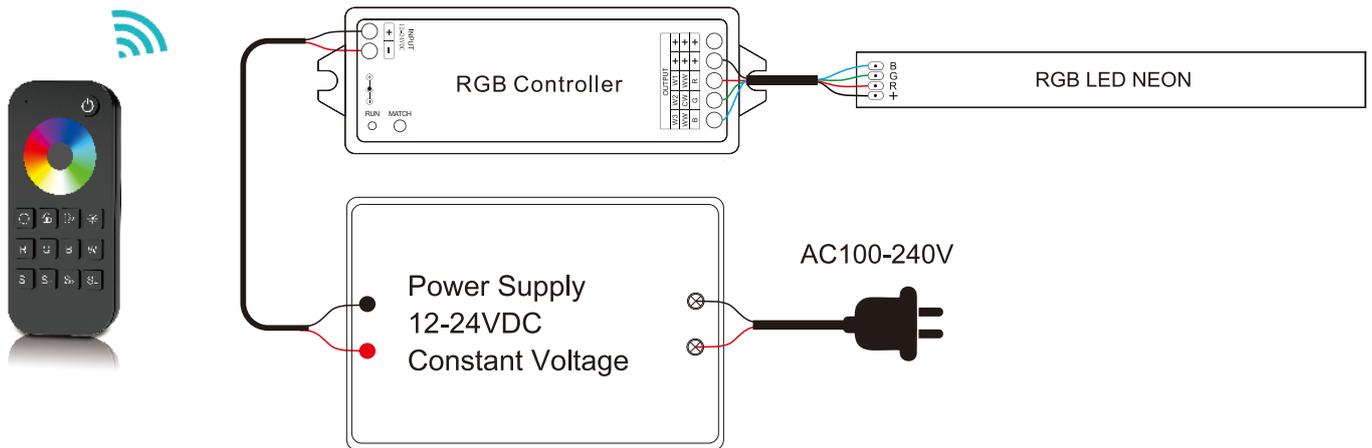
### Tunable white



# VL-SI1010-W ( Small Wave series - top bend )

## WIRING ELECTRICAL DIAGRAM

### RGB



## WIRING ELECTRICAL DIAGRAM

### RGBW

