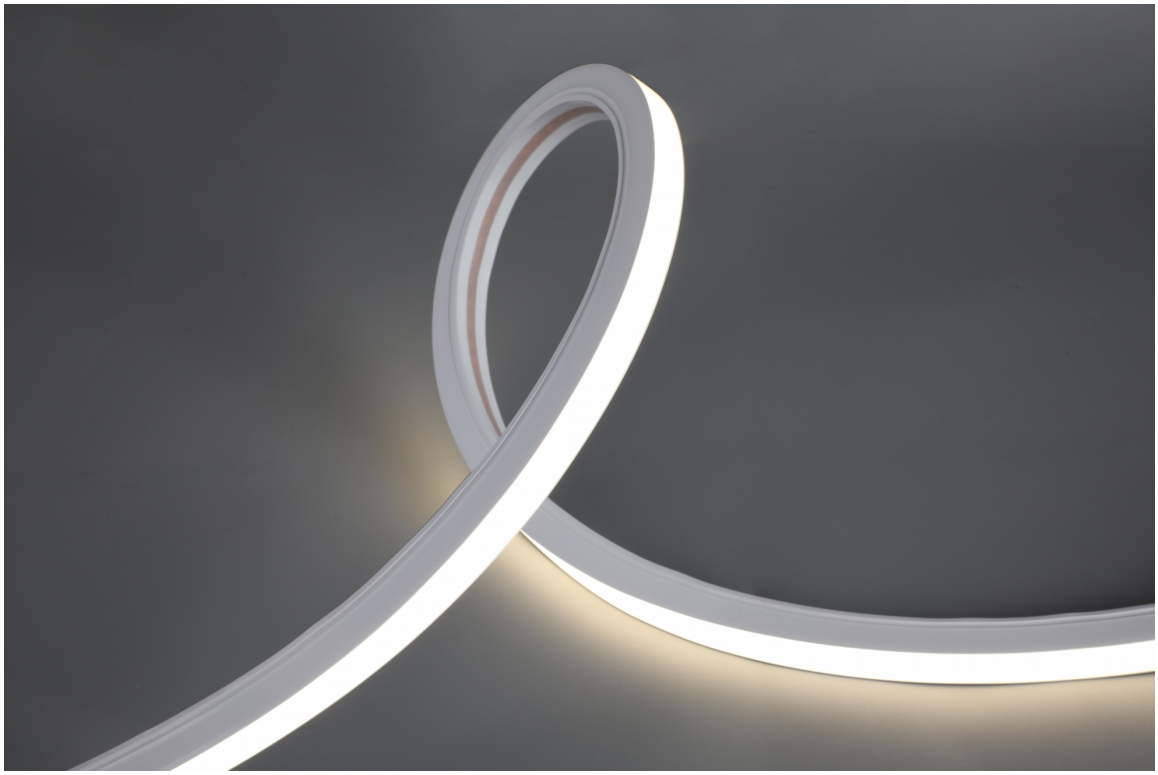
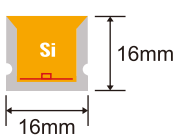
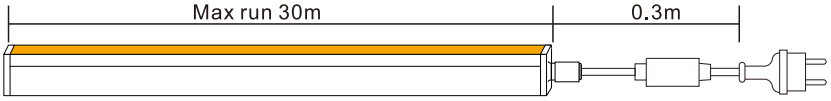
VL-HVSI1616-W (High Volt series - top bend)







FEATURES

Fully automated extrusion silicone LED flexible neon, for outdoor and indoor architectural application,
IP65 protection, specially in-feed system and end cap design enable a dot-free alignment of numerous fixtures.

Optics & Electronics

Unique integrated circuit design ensures uniformed light intensity along the entire length of fixture.
LED with 3-step MacAdam and guaranteeing consistency and high quality of light.

Customization

Front 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.

Life Cycle

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

VL-HVSI1616-W (High Volt series - top bend)

SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	Light Color	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-HVSI1616-W	**12W/m**	Minimum length **- 100mm** Maximum length **- 50m** Increments length **- 100mm**	**27K**-2700K **30K**-3000K **40K**-4000K **50K**-5000K **65K**-6500K	**220~240V AC**	**FX -** Front + Closed **SX -** Side + Closed	**IP65**

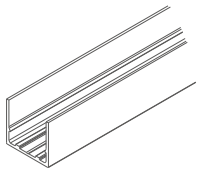
Order example: VL-HVSI1616-W-927K-30m-FX

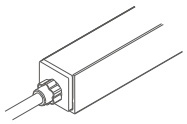
PRODUCT SPECIFICATIONS		MONO
Electrical	Power	12W/m
	Input Voltage	220~240V AC
Physical	Minimum Length	100mm
	Width x Height	16mm x 16mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	75mm
	Qty of LED	120LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side
	Fixture Connections	IP65 injection-moulded input and end cap
Optical	LED Type	2835 LED
	Control Protocol	Triac
	Lumen Output	650Lm/m(2700K) 684Lm/m(4000K) 723Lm/m(6500K)
	Efficacy	57Lm/W(CRI90, 4000K)
	Lumen Maintenance	L70B10@54,000 hours
Temperature Range	Storage Temperature	-25℃min, 60℃max
	Max Ambient Temperature	50℃
	Min Ambient Temperature	-25℃

VL-HVSI1616-W (High Volt series - top bend)

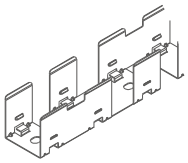
PROFILES AND MOUNTING OPTIONS

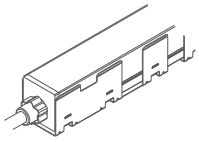
FIXED ALUMINUM PROFILE



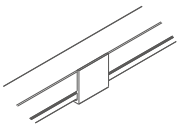
EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
	1616-FAP-_____*MM	**FAP-** Fixed aluminum profile

BENDABLE STAINLESS STEEL PROFILE

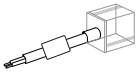


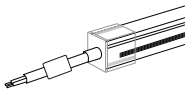
EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
	1616-BSP-_____*MM	**BSP-** Bendable stainless steel profile

MOUNTING CLIPS

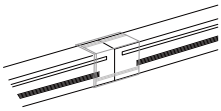
EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
	1616-MC	**MC-** Mounting clips

DIY FEEDING CAP

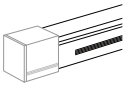


EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
	1616-FC-DIY	**FC-DIY -** DIY Feeding cap

DIY BRIDGE CAP

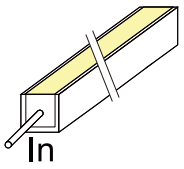
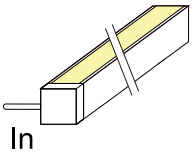
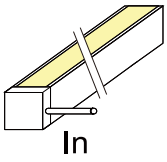
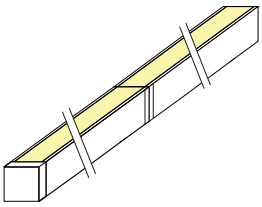
EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
	1616-BC-DIY	**BC-DIY-** DIY BridgeCap

END CAP

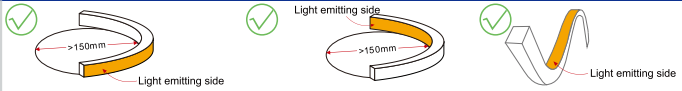
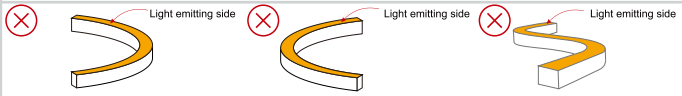
EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
	1616-EC	**EC-** End Cap

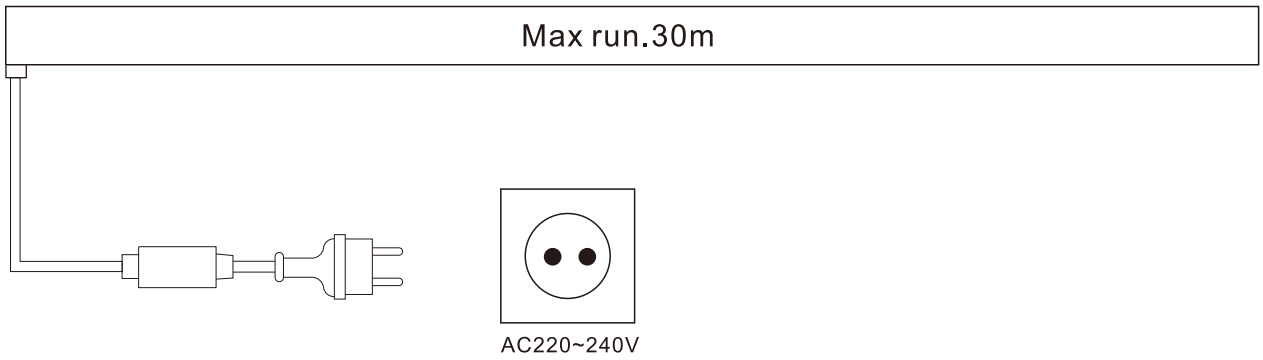
VL-HVSI1616-W (High Volt series - top bend)

CABLE ENTRY OPTION EXAMPLES

F-FRONT	S-SIDE-LEFT	S-SIDE-RIGHT	SEAMLESS SPLICING
FX 	SLX 	SRX 	

BENDING INSTRUCTION

Bending in wave form - vertical		DO NOT TWIST
DO NOT bend in curve form - horizontal		

WIRING ELECTRICAL DIAGRAM

MONO