

FEATURES

Long run series up to 50m by one input, extrusion silicone LED flexible neon, for outdoor and indoor architectural 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 uniformed light intensity along the entire length of fixture. LED with 3-step MacAdam and guaranteeing consistency and high quality of light.

Customization

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 Five-year limited warranty indoor and outdoor.

VL-LRSI1616-W (Long Run series - top bend)



SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-LRSI1616-W	4.8W/m 9.6W/m 14.4W/m	Maximum length - 50m	MONO ● RGB ● ● ●	24VDC 48VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: VL-LRSI1616-W-927K-50m-FX

PRODUCT SPECIFICATIONS				
		Standard		
Electrical	Power	4.8W/m _(24V)	9.6W/m _(24 / 48V)	14.4W/m _(24 / 48V)
	Input Voltage	24VDC / 48VDC		
Physical	Minimum Length	50mm _(24V) / 100mm _(48V)		
	Width x Height	16mm x 16mm		
	Body Finish	Premium silicone / white		
	Bend Direction	Vertical (top bending)		
	Bend Radius	150mm		
	Qty of LED	120LEDs/m		
	Max run length	50m _(24V)	30m _(24V) / 50m _(48V)	20m _(24V) / 35m _(48V)
	Cable Entry Options	Front, Side, Bottom		
Fixture Connections	IP67 injection-moulded input and end cap			
Optical	LED Type	2835 LED		
	Control Protocol	0-10V or PWM or Dali		
	Lumen Output	3000K: 288Lm/m	3000K: 576Lm/m	3000K: 864Lm/m
	Efficacy	60Lm/W(CRI90, 3000K)		
	Lumen Maintenance	L70B10@54,000 hours		
Temperature Range	Storage Temperature	-25°C min, 60°C max		
	Max Ambient Temperature	50°C		
	Min Ambient Temperature	-25°C		

VL-LRSI1616-W (Long Run series - top bend)



PRODUCT SPECIFICATIONS

		RGB
Electrical	Power	9.6W/m
	Input Voltage	24VDC
Physical	Minimum Length	62.5mm
	Width x Height	16mm x 16mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	150mm
	Qty of LED	80LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	2835 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGB: 432Lm/m
	Efficacy	45Lm/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

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CABLE ENTRY OPTION EXAMPLES				
F-FRONT	S-SIDE-LEFT	S-SIDE-RIGHT	B-BOTTOM	SEAMLESS SPLICING
FX 	SLX 	SRX 	BX 	
FF 	SLSL 	SRSR 	BB 	

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

BENDING INSTRUCTION

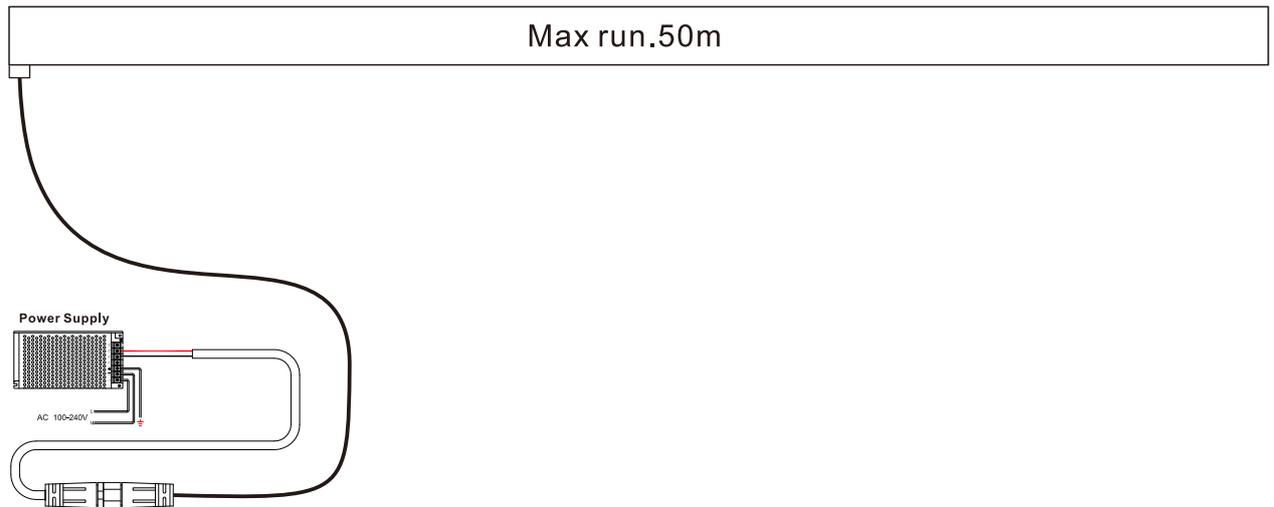
Bending in wave form - vertical		DO NOT TWIST
DO NOT bend in curve form - horizontal		

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WIRING ELECTRICAL DIAGRAM

MONO

Input by one end



WIRING ELECTRICAL DIAGRAM

RGB

