

VL-LRSI1616-3D (Long Run series - dual bend)

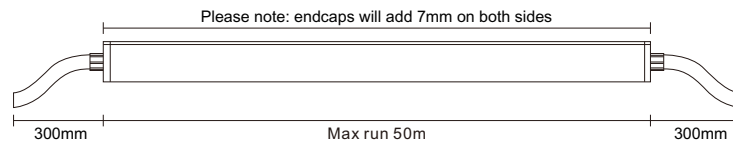
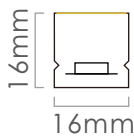
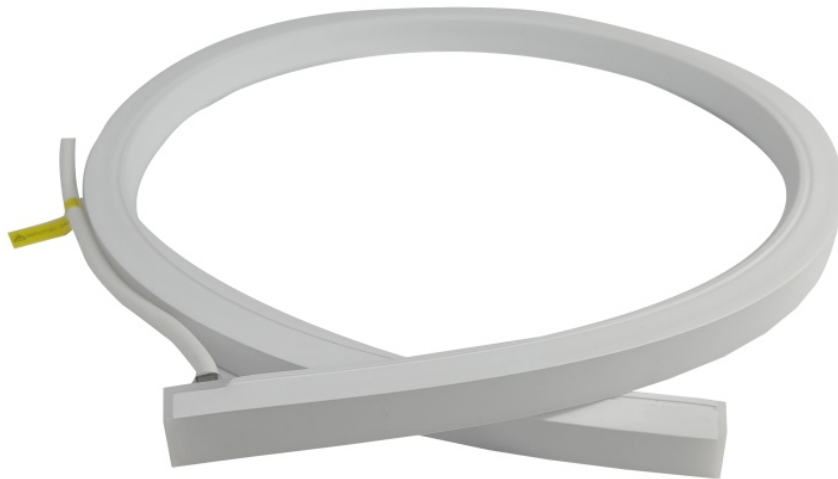


Free-bend - Flex Neon 24V / 48V

14.4W/m | 3000K CRI>90 | 576Lm/m | 24V

14.4W/m | 3000K CRI>90 | 720Lm/m | 48V

PROJECT		REFERENCE TYPE	
SPECIFIED BY		QUANTITY	
DATE		NOTE	



Cable Specs:
Mono: 2*18AWG UL



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.

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SPECIFICATION LOGIC

FAMILY	POWER W/m	NOMINAL LENGTH	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-LRSI1616-3D	4.8W/m 9.6W/m 14.4W/m	Max.run length - 50m	MONO ●	24VDC 48VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: VL-LRSI1616-3D-827K-50m-FX

PRODUCT SPECIFICATIONS ●

		Standard					
		4.8W/m		9.6W/m		14.4W/m	
Electrical	Power	4.8W/m		9.6W/m		14.4W/m	
	Input Voltage	24VDC	48VDC	24VDC	48VDC	24VDC	48VDC
Physical	Minimum Length	50mm(24V) / 100mm(48V)					
	Width x Height	16mm x 16mm					
	Body Finish	Premium silicone / white					
	Bend Direction	Side and Top bending					
	Bend Radius	140mm(curve), 60mm(wave)					
	Qty of LED	120LEDs/m					
	Max run length	25m	50m	15m	30m	10m	20m
	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	192Lm/m	240Lm/m	384Lm/m	480Lm/m	576Lm/m	720Lm/m
	Efficacy	40Lm/W(24V,CRI90, 3000K) 50Lm/W(48V,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					

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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		
Bending in curve form - horizontal		

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WIRING ELECTRICAL DIAGRAM

MONO

Input by one end

