



FEATURES

Long run series up to 30m 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-LRSI2020-3D (Long Run series - dual bend)



SPECIFICATION LOGIC

FAMILY	POWER W/m	NOMINAL LENGTH	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-LRSI2020-3D	4.8W/m 9.6W/m 14.4W/m	Maximum length - 30m	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-LRSI2020-3D-30m-927K-FX

PRODUCT SPECIFICATIONS ●

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

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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
		2020-FAP-_____MM	FAP- Fixed aluminum profile
BENDABLE STAINLESS STEEL PROFILE			
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		2020-BSP-_____MM	BSP- Bendable stainless steel profile
MOUNTING CLIPS			
	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		2020-MC	MC- Mounting clips

BENDING INSTRUCTION

Bending in wave form - vertical		TWIST <math>< 180^\circ</math>
Bending in curve form - horizontal		

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WIRING ELECTRICAL DIAGRAM

MONO

Input by one end

