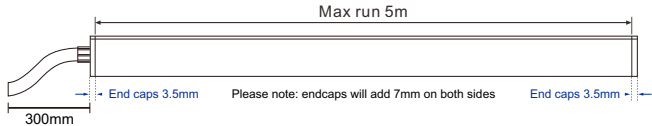
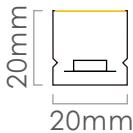


VL-SNSI2020-W (Sauna series - top bend)



Sauna - Flex Neon 24V
9.6W/m | 3000K CRI>90 | 336Lm/m
9.6W/m | RGBW | 288Lm/m

PROJECT		REFERENCE TYPE	
SPECIFIED BY		QUANTITY	
DATE		NOTE	



Cable Specs:
Mono: 2*18AWG UL



FEATURES

Sauna series silicone LED neon flex IP67 rated is built to withstand the most extreme environments. With high performance in temperatures up to 105° C, perfect for adding comforting ambiance and relaxing vibes to any sauna or steam room.

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, bottom and side cable entry options available for different install options.
Endless fixture length configurations allow for the ultimate freedom of design.
Small cut unit 50mm, cut lengths and terminations are pre-assembled at Vals Lighting factory to ensure IP rating.

Life Cycle

Long lifetime of L70B10>36,000 hours 3 years (for sauna or steam room high temperature application),
L70B10>54,000 hours 5 years (for indoor and outdoor TA <50°C)

VL-SNSI2020-W (Sauna series - top bend)



SPECIFICATION LOGIC

FAMILY	POWER W/m	NOMINAL LENGTH	Light Color	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-SNSI2020-W	9.6W/m	Max.run length - 5m	MONO RGB RGBW	24VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: VL-SNSI2020-W-927K-5m-SS

PRODUCT SPECIFICATIONS

MONO		
Electrical	Series Part Number	VL-SNSI2020-W-930K-9.6W
	Power	9.6W/m
	Input Voltage	24VDC
Physical	Minimum Length	50mm
	Height x Width	20mm x 20mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	100mm
	Qty of LED	120LEDs/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	0-10V or PWM or Dali
	Lumen Output	336Lm/m(3000K) 353Lm/m(4000K) 376Lm/m(6500K)
	Efficacy	35Lm/W(CRI90, 3000K)
	Lumen Maintenance	L70B10@36,000 hours
Temperature Range	Storage Temperature	-25°Cmin, 105°Cmax
	Max Ambient Temperature	105°C
	Min Ambient Temperature	-25°C

Note: Control protocol depends on what kind of power supply will be used.

VL-SNSI2020-W (Sauna series - top bend)



PRODUCT SPECIFICATIONS

		RGB
Electrical	Series Part Number	VL-SNSI2020-W-RGB-9.6W
	Power	9.6W/m
	Input Voltage	24VDC
Physical	Minimum Length	62.5mm
	Width x Height	20mm x 20mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	100mm
	Qty of LED	96LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	4040 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGB: 192Lm/m
	Efficacy	20Lm/W
	Lumen Maintenance	L70B10@36,000 hours
Temperature Range	Storage Temperature	-25°Cmin, 85°Cmax
	Max Ambient Temperature	85°C
	Min Ambient Temperature	-25°C

PRODUCT SPECIFICATIONS

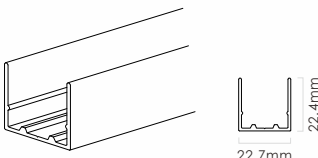
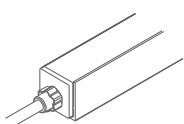
		RGBW
Electrical	Series Part Number	VL-SNSI2020-W-RGBW-9.6W
	Power	9.6W/m
	Input Voltage	24VDC
Physical	Minimum Length	62.5mm
	Width x Height	20mm x 20mm
	Body Finish	Premium silicone / white
	Bend Direction	Vertical (top bending)
	Bend Radius	100mm
	Qty of LED	96LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	5050 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGBW: 288Lm/m
	Efficacy	30Lm/W
	Lumen Maintenance	L70B10@36,000 hours
Temperature Range	Storage Temperature	-25°Cmin, 85°Cmax
	Max Ambient Temperature	85°C
	Min Ambient Temperature	-25°C

VL-SNSI2020-W (Sauna series - top bend)

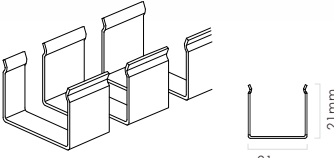


PROFILES AND MOUNTING OPTIONS

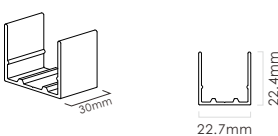
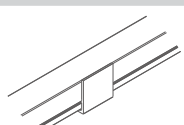
FIXED ALUMINUM PROFILE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		2020-FAP-_____MM	FAP- Fixed aluminum profile

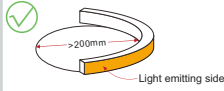
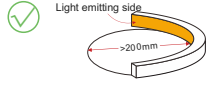
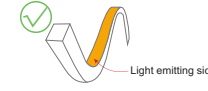
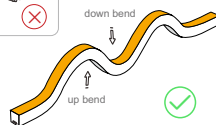
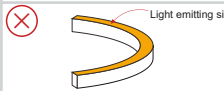
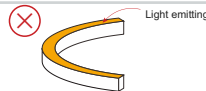
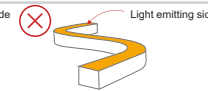
BENDABLE STAINLESS STEEL PROFILE

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		2020-BSP-_____MM	BSP- Bendable stainless steel profile

MOUNTING CLIPS

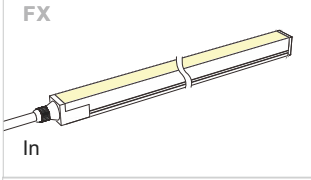
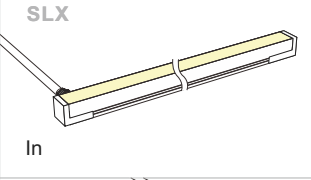
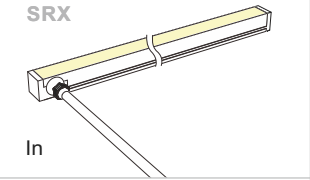
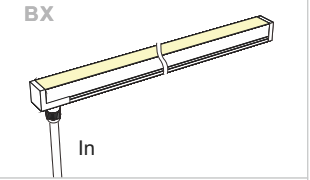
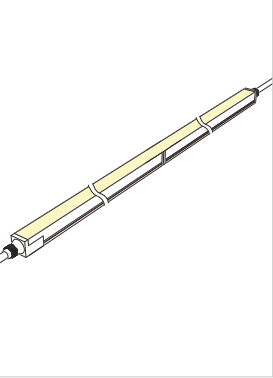
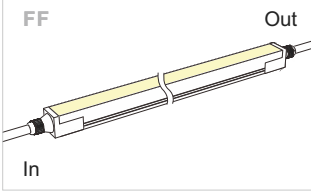
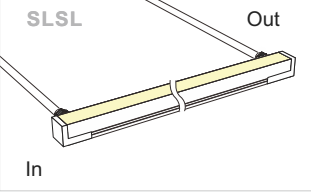
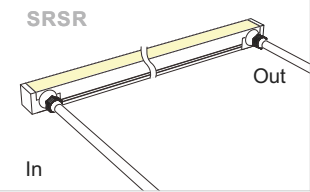
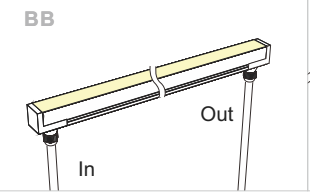
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		2020-MC	MC- Mounting clips

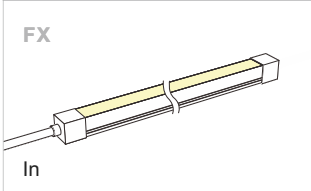
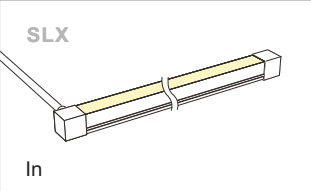
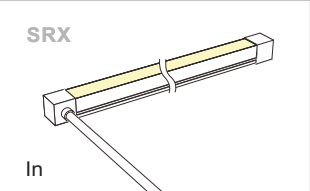
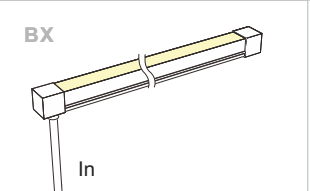
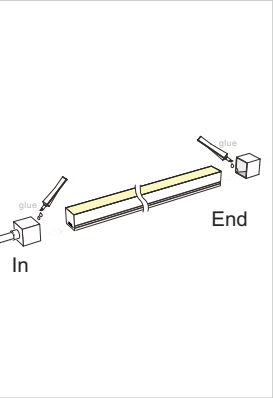
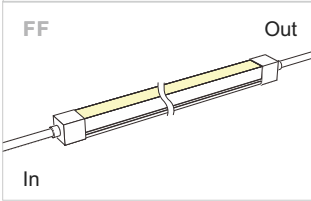
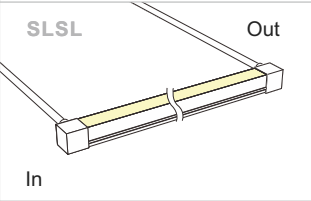
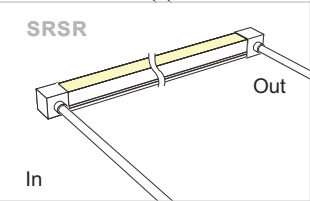
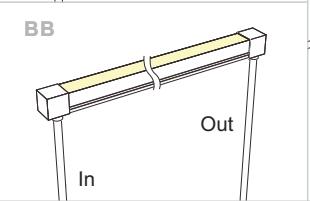
MIN. BENDING DIAMETER INSTRUCTION

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

VL-SNSI2020-W (Sauna series - top bend)



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

CABLE ENTRY OPTION EXAMPLES PLUG-IN CAP				
F-FRONT	S-SIDE-LEFT	S-SIDE-RIGHT	B-BOTTOM	DIY
FX  In	SLX  In	SRX  In	BX  In	 In End
FF  In Out	SLSL  In Out	SRSR  In Out	BB  In Out	

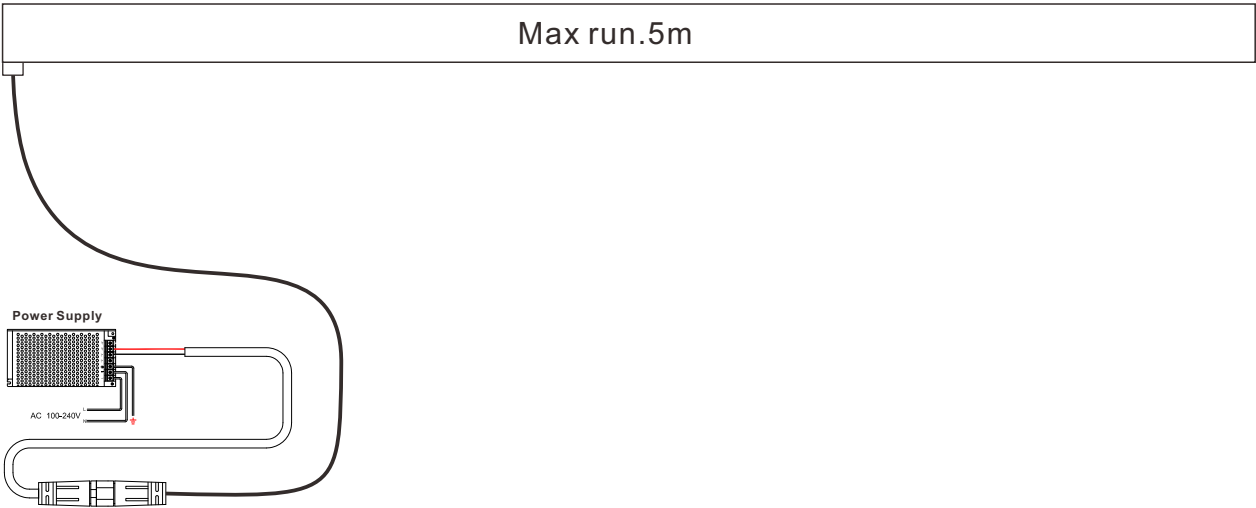
VL-SNSI2020-W (Sauna series - top bend)



WIRING ELECTRICAL DIAGRAM

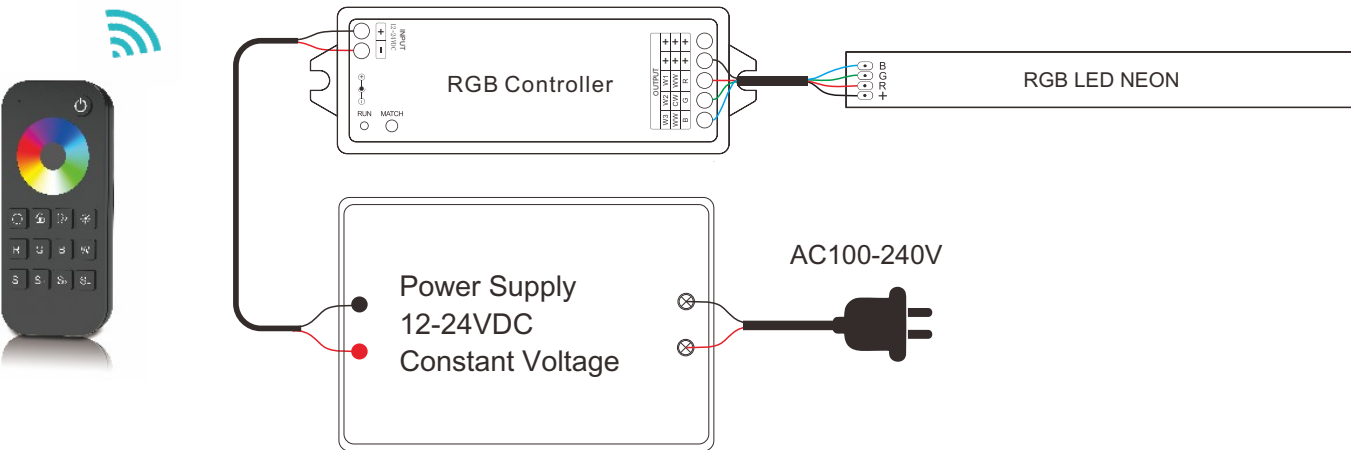
MONO

Input by one end



WIRING ELECTRICAL DIAGRAM

RGB



VL-SNSI2020-W (Sauna series - top bend)



WIRING ELECTRICAL DIAGRAM

RGBW

