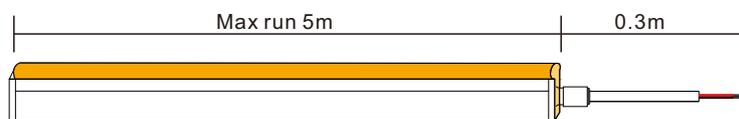
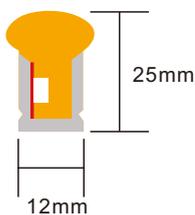


VL-DSI1225-C (Dome series - side bend)



FEATURES

Fully automated extrusion silicone LED flexible neon, for outdoor and indoor architectural application, 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

Front, bottom 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 Five-year limited warranty indoor and outdoor.

VL-DSI1225-C (Dome series - side bend)



SPECIFICATION LOGIC

FAMILY	POWER W/m	NOMINAL LENGTH	Light Color	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-DSI1225-C	14.5W/m 15W/m	Maximum length - 5m	MONO TW RGB RGBW DMX	24VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP67

Order example: VL-DSI1225-C-5m-927K-SS

PRODUCT SPECIFICATIONS

		MONO
Electrical	Power	15W/m
	Input Voltage	24VDC
Physical	Minimum Length	50mm
	Width x Height	12mm x 25mm
	Body Finish	Premium silicone / white
	Bend Direction	Horizontal (side bending)
	Bend Radius	150mm
	Qty of LED	120LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
Optical	Fixture Connections	IP67 injection-moulded input and end cap
	LED Type	2835 LED
	Control Protocol	0-10V or PWM or Dali
	Lumen Output	419Lm/m(3000K) 441Lm/m(4000K) 469Lm/m(6500K)
	Efficacy	29Lm/W(CRI90, 4000K)
Temperature Range	Lumen Maintenance	L70B10@54,000 hours
	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

VL-DSI1225-C (Dome series - side bend)



PRODUCT SPECIFICATIONS 		
		Tunable white
Electrical	Power	15W/m
	Input Voltage	24VDC
Physical	Minimum Length	50mm
	Width x Height	12mm x 25mm
	Body Finish	Premium silicone / white
	Bend Direction	Horizontal (side bending)
	Bend Radius	150mm
	Qty of LED	192LEDs/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	382Lm/m(2700K) 403Lm/m(4000K) 428Lm/m(6500K)
	Efficacy	26Lm/W(CRI90, 4000K)
	Lumen Maintenance	L70B10@54,000 hours
Temperature Range	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

PRODUCT SPECIFICATIONS 		
		RGB
Electrical	Power	15W/m
	Input Voltage	24VDC
Physical	Minimum Length	62.5mm
	Width x Height	12mm x 25mm
	Body Finish	Premium silicone / white
	Bend Direction	Horizontal (side bending)
	Bend Radius	150mm
	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: 161Lm/m
	Efficacy	11Lm/W
Temperature Range	Lumen Maintenance	L70B10@54,000 hours
	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

VL-DSI1225-C (Dome series - side bend)



PRODUCT SPECIFICATIONS 		
		RGBW
Electrical	Power	15W/m
	Input Voltage	24VDC
Physical	Minimum Length	83.3mm
	Width x Height	12mm x 25mm
	Body Finish	Premium silicone / white
	Bend Direction	Horizontal (side bending)
	Bend Radius	150mm
	Qty of LED	96LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side, Bottom
Optical	Fixture Connections	IP67 injection-moulded input and end cap
	LED Type	5050 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGBW: 315Lm/m
	Efficacy	21Lm/W
Temperature Range	Lumen Maintenance	L70B10@54,000 hours
	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

PRODUCT SPECIFICATIONS 		
		RGBW-SPI
Electrical	Power	14.5W/m
	Input Voltage	24VDC
Physical	Minimum Length	125mm
	Width x Height	12mm x 25mm
	Body Finish	Premium silicone / white
	Bend Direction	Horizontal (side bending)
	Bend Radius	150mm
	Qty of LED	84LEDs/m
	No. of Pixels	8pixels/m, IC code UCS2904
	Cable Entry Options	Front, Side, Bottom
Optical	Fixture Connections	IP67 injection-moulded input and end cap
	LED Type	5050 LED
	Control Protocol	SPI
	Lumen Output	RGBW: 435Lm/m
	Efficacy	30Lm/W
Temperature Range	Lumen Maintenance	L70B10@54,000 hours
	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

VL-DSI1225-C (Dome series - side bend)



PRODUCT SPECIFICATIONS 		
		RGBW-DMX
Electrical	Power	15W/m
	Input Voltage	24VDC
Physical	Minimum Length	125mm
	Width x Height	12mm x 25mm
	Body Finish	Premium silicone / white
	Bend Direction	Horizontal (side bending)
	Bend Radius	150mm
	Qty of LED	84LEDs/m
	No. of Pixels	8pixels/m, IC code UCS 512H4LB
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	5050 LED
	Control Protocol	DMX512
	Lumen Output	RGBW: 525Lm/m
	Efficacy	35Lm/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

VL-DSI1225-C (Dome series - side bend)

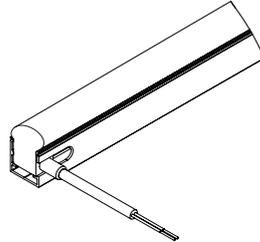
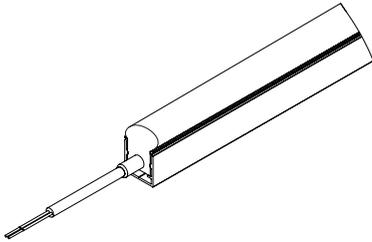


CABLE ENTRY OPTION EXAMPLES

F - FRONT

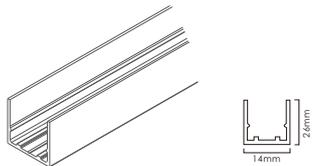
S - SIDE

B - BOTTOM

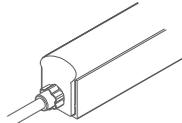


PROFILES AND MOUNTING OPTIONS

FIXED ALUMINUM PROFILE



EXAMPLES OF INSTALLATION



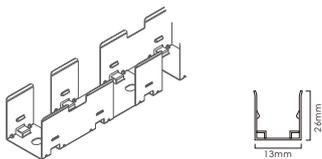
PART NUMBER

1225-FAP-____*MM

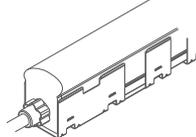
DETAILS

FAP- Fixed aluminum profile

BENDABLE STAINLESS STEEL PROFILE



EXAMPLES OF INSTALLATION



PART NUMBER

1225-BSP-____*MM

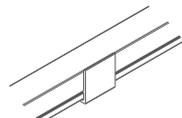
DETAILS

BSP- Bendable stainless steel profile

MOUNTING CLIPS



EXAMPLES OF INSTALLATION



PART NUMBER

1225-MC

DETAILS

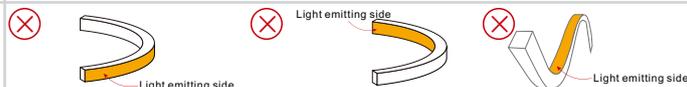
MC- Mounting clips

BENDING INSTRUCTION

Bending in CURE form - horizontal



DO NOT bend in wave form - vertical



DO NOT TWIST

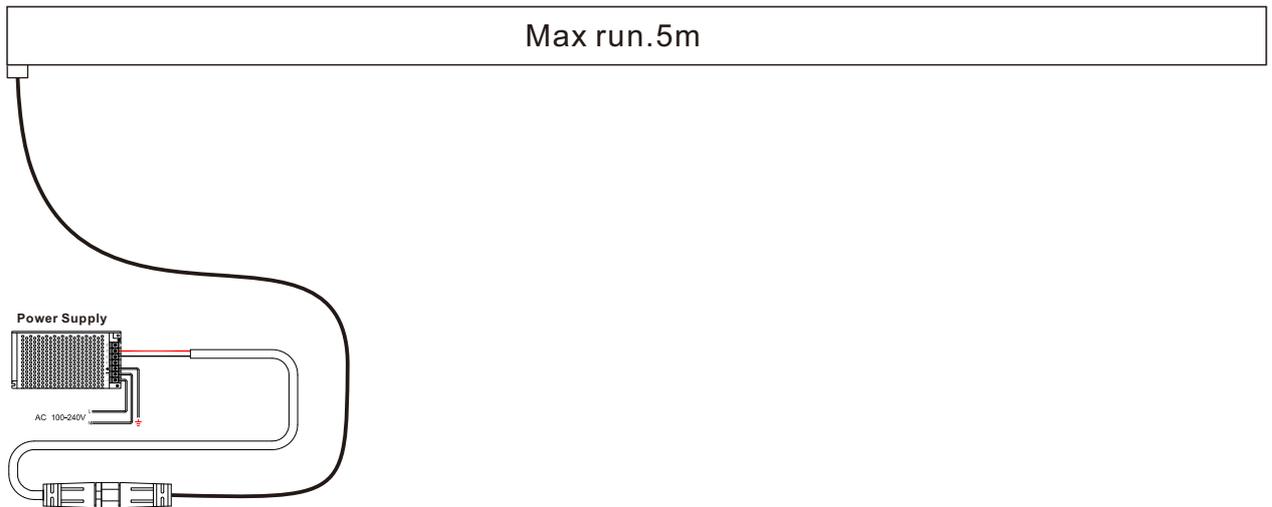


VL-DSI1225-C (Dome series - side bend)

WIRING ELECTRICAL DIAGRAM

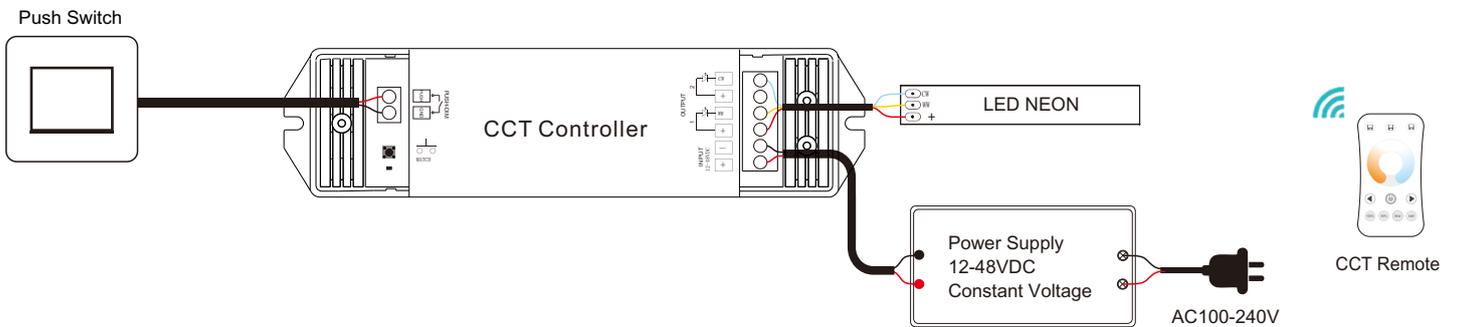
MONO

Input by one end



WIRING ELECTRICAL DIAGRAM

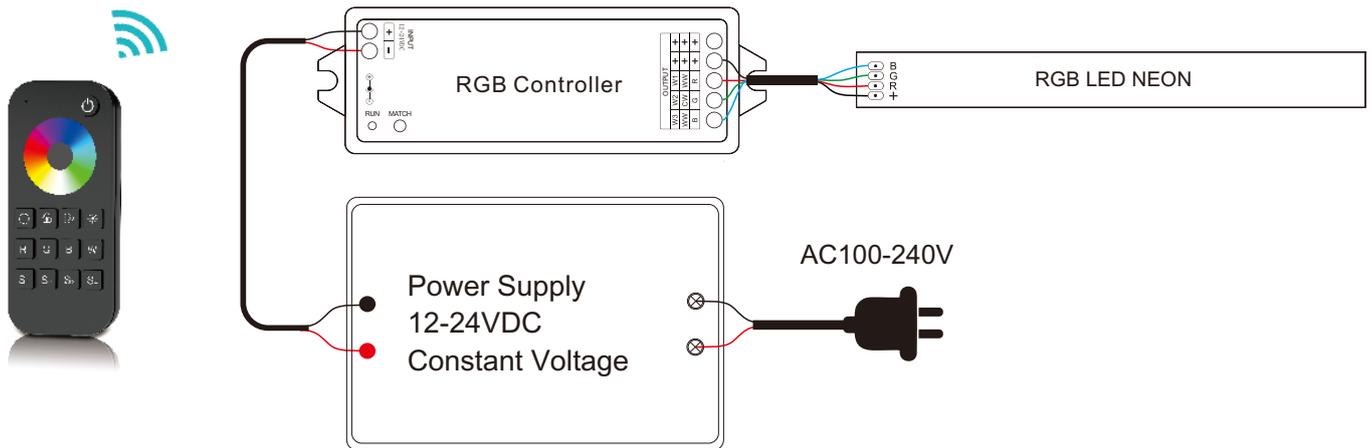
Tunable white



VL-DSI1225-C (Dome series - side bend)

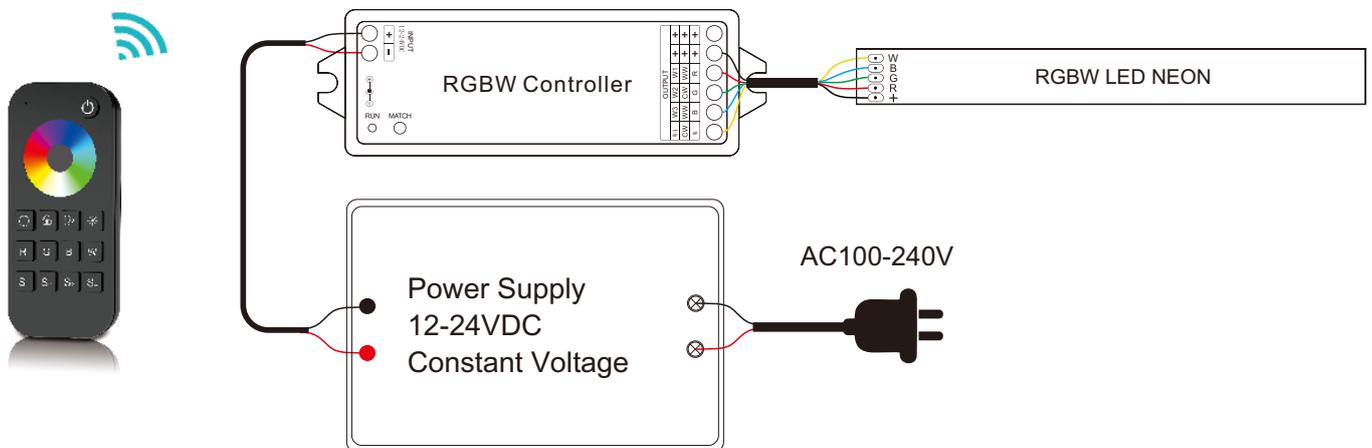
WIRING ELECTRICAL DIAGRAM

RGB



WIRING ELECTRICAL DIAGRAM

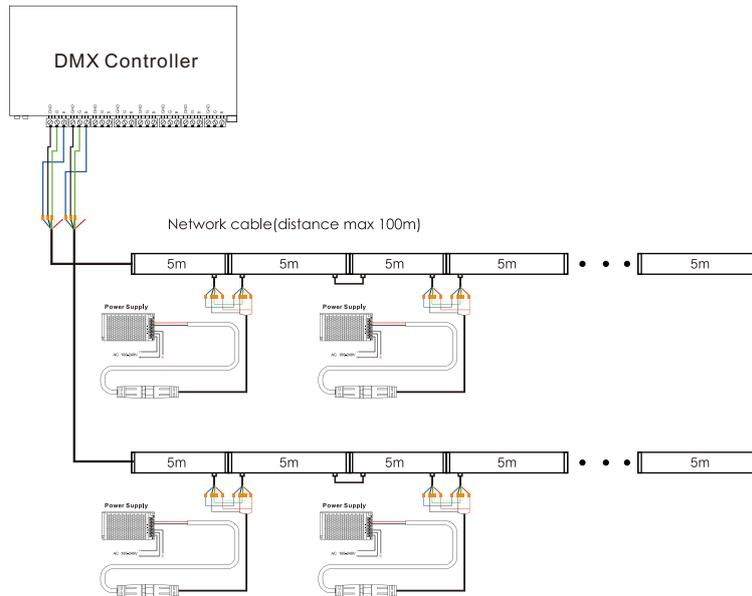
RGBW



VL-DSI1225-C (Dome series - side bend)

WIRING ELECTRICAL DIAGRAM

RGBW-DMX-Offline



WIRING ELECTRICAL DIAGRAM

RGBW-DMX-Online

