

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 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-RSI25 (Round series)



SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	Light Color	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-RSI25	14W/m 18W/m	Maximum length - 5m	MONO TW RGB RGBW DMX	24VDC	FF - Front + Front SS - Side + Side FX - Front + Closed SX - Side + Closed	IP67

Order example: VL-RSI25-5m-927K-FX

PRODUCT SPECIFICATIONS		
Electrical	Power	14W/m
	Input Voltage	24VDC
Physical	Minimum Length	Free-cut
	Diameter	25mm
	Body Finish	Premium silicone / white
	Bend Direction	Side and Top bending
	Bend Radius	280mm(curve), 200mm(wave)
	Qty of LED	240LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	2835 LED
	Control Protocol	0-10V or PWM or Dali
	Lumen Output	950Lm/m(3000K) 1,000Lm/m(4000K) 1,111Lm/m(6500K)
	Efficacy	71Lm/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

VL-RSI25 (Round series)

PRODUCT SPECIFICATIONS 		
		Tunable white
Electrical	Power	18W/m
	Input Voltage	24VDC
Physical	Minimum Length	45.5mm
	Diameter	25mm
	Body Finish	Premium silicone / white
	Bend Direction	Side and Top bending
	Bend Radius	280mm(curve), 200mm(wave)
	Qty of LED	132LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	2216 LED
	Control Protocol	0-10V or PWM or Dali
	Lumen Output	1,188Lm/m(2700K) 1,250Lm/m(4000K) 1,389Lm/m(6500K)
	Efficacy	69Lm/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	18W/m
	Input Voltage	24VDC
Physical	Minimum Length	62.5mm
	Diameter	25mm
	Body Finish	Premium silicone / white
	Bend Direction	Side and Top bending
	Bend Radius	280mm(curve), 200mm(wave)
	Qty of LED	96LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	4040 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGB: 720Lm/m
	Efficacy	40Lm/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-RSI25 (Round series)



PRODUCT SPECIFICATIONS 		
		RGBW
Electrical	Power	18W/m
	Input Voltage	24VDC
Physical	Minimum Length	50mm
	Diameter	25mm
	Body Finish	Premium silicone / white
	Bend Direction	Side and Top bending
	Bend Radius	280mm(curve), 200mm(wave)
	Qty of LED	120LEDs/m
	IC Type	/
	Cable Entry Options	Front, Side
Optical	Fixture Connections	IP67 injection-moulded input and end cap
	LED Type	4040 LED
	Control Protocol	PWM or Dali
	Lumen Output	RGBW: 630Lm/m
	Efficacy	35Lm/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	18W/m
	Input Voltage	24VDC
Physical	Minimum Length	125mm
	Diameter	25mm
	Body Finish	Premium silicone / white
	Bend Direction	Side and Top bending
	Bend Radius	280mm(curve), 200mm(wave)
	Qty of LED	48LEDs/m
	No. of Pixels	8pixels/m, IC code UCS512CL
	Cable Entry Options	Front, Side
Optical	Fixture Connections	IP67 injection-moulded input and end cap
	LED Type	4040 LED
	Control Protocol	SPI
	Lumen Output	RGBW: 560Lm/m
	Efficacy	31Lm/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-RSI25 (Round series)



PRODUCT SPECIFICATIONS 		
		RGBW-DMX
Electrical	Power	18W/m
	Input Voltage	24VDC
Physical	Minimum Length	125mm
	Diameter	25mm
	Body Finish	Premium silicone / white
	Bend Direction	Side and Top bending
	Bend Radius	280mm(curve), 200mm(wave)
	Qty of LED	48LEDs/m
	No. of Pixels	8pixels/m, IC code UCS512CL
	Cable Entry Options	Front, Side
	Fixture Connections	IP67 injection-moulded input and end cap
Optical	LED Type	5050 LED
	Control Protocol	DMX512
	Lumen Output	RGBW: 560Lm/m
	Efficacy	31Lm/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

CABLE ENTRY OPTION EXAMPLES

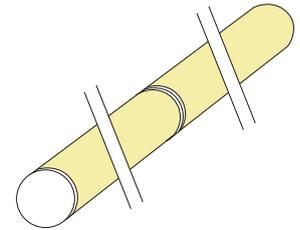
F-FRONT



S-SIDE



SEAMLESS SPLICING

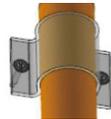


PROFILES AND MOUNTING OPTIONS

VISIBLE MOUNTING CLIP



EXAMPLES OF INSTALLATION



PART NUMBER

025-VMC- ____*MM

DETAILS

VMC- Visible mounting clip

TRANSPARENCY TUBE



EXAMPLES OF INSTALLATION



PART NUMBER

025-TT- ____*MM

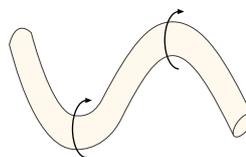
DETAILS

TT- Transparency tube

BENDING INSTRUCTION

Bending in wave form - vertical

Bending in curve form - horizontal

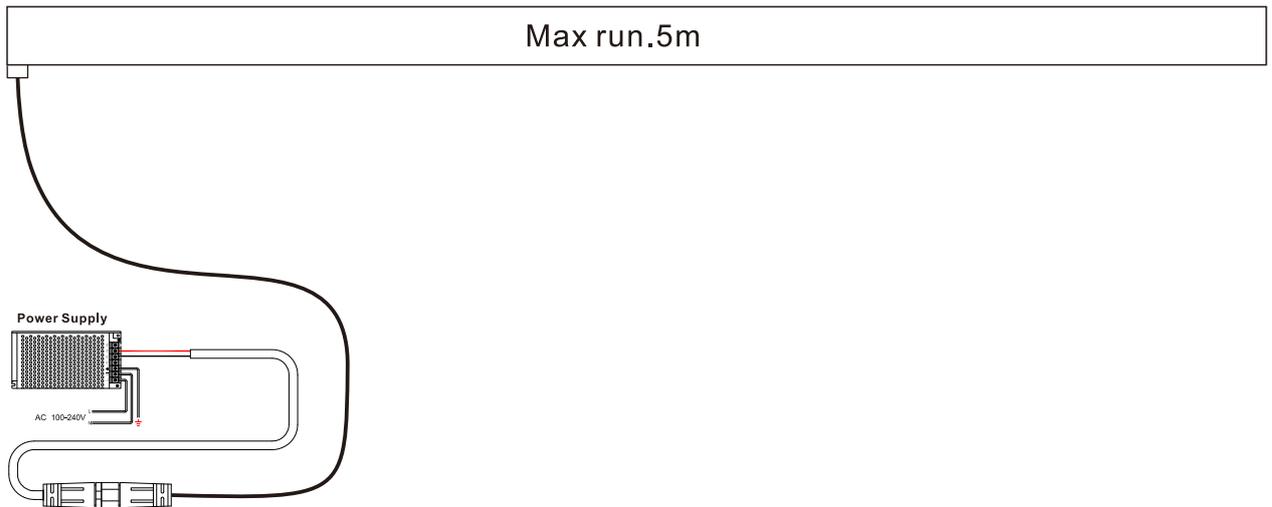


Note: Bending in all directions

WIRING ELECTRICAL DIAGRAM

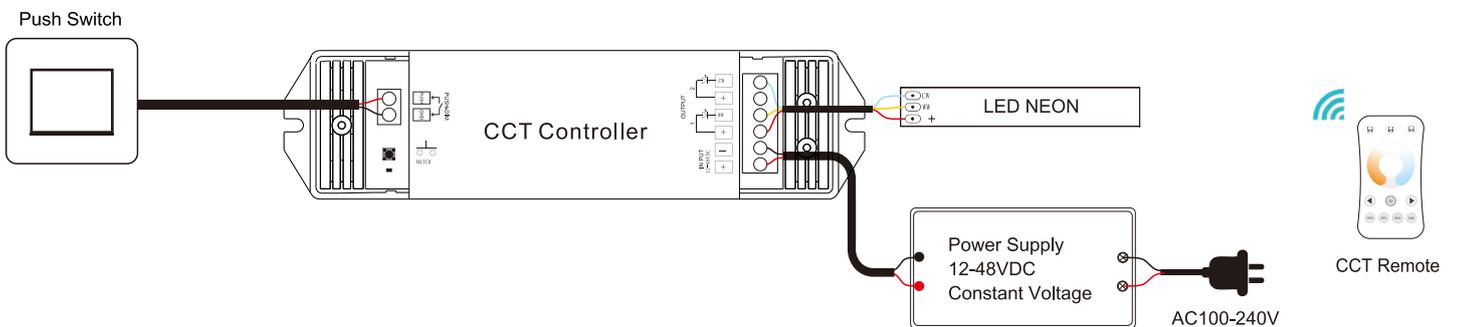
MONO

Input by one end



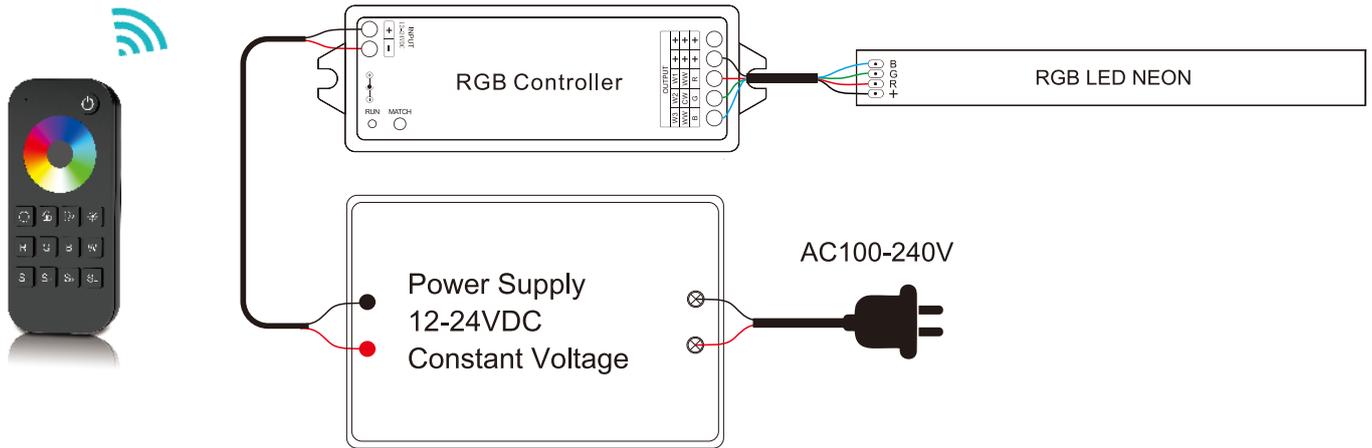
WIRING ELECTRICAL DIAGRAM

Tunable white



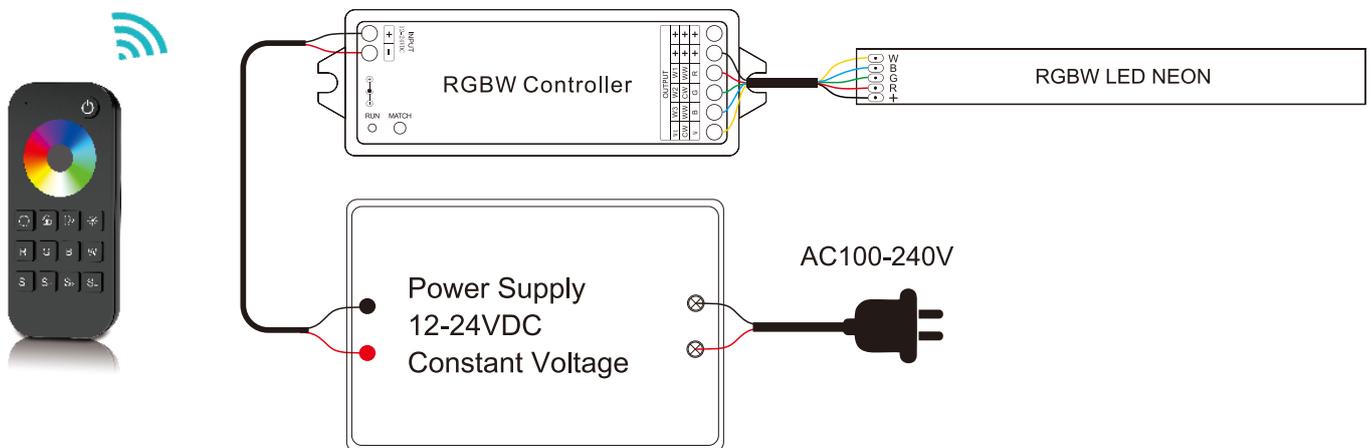
WIRING ELECTRICAL DIAGRAM

RGB



WIRING ELECTRICAL DIAGRAM

RGBW



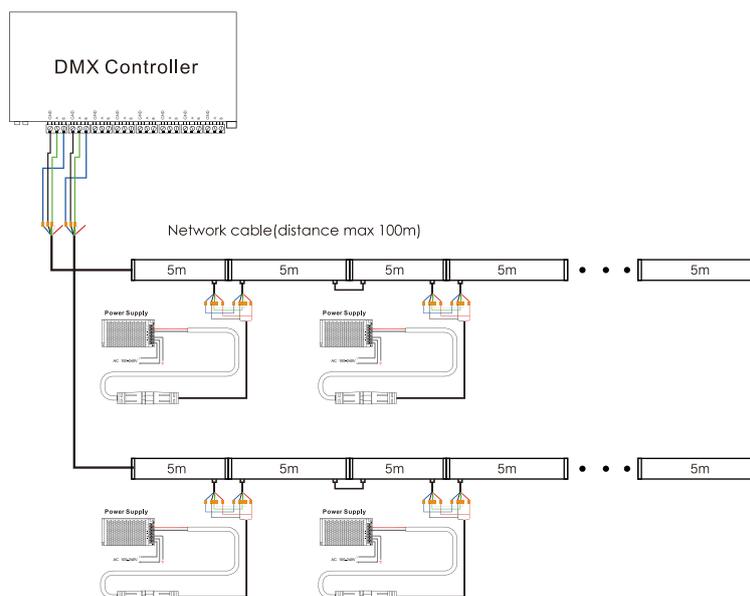
WIRING ELECTRICAL DIAGRAM

RGBW-SPI



WIRING ELECTRICAL DIAGRAM

RGBW-DMX-Offline



WIRING ELECTRICAL DIAGRAM

RGBW-DMX-Online

