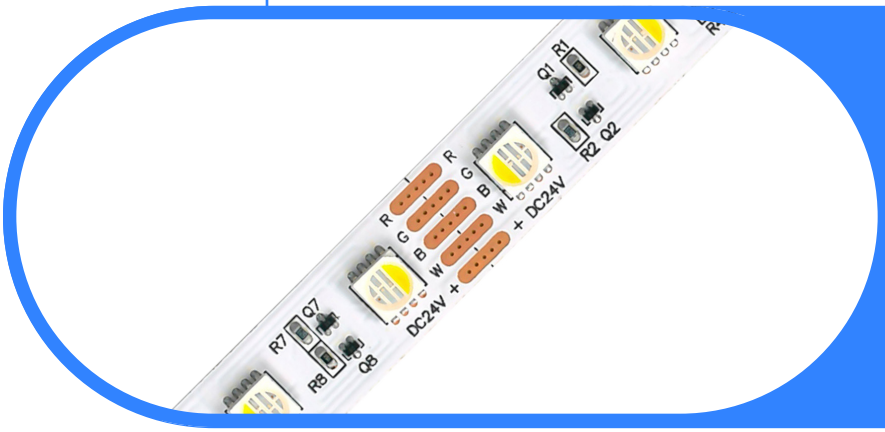
Complete Specification Sheet

RGBW Outdoor

LINEAR LED



RGBW (Outdoor)

Color Changing Rubber Coated Linear LED

RoHS COMPLIANT | c UL us LISTED | 24V DC | Dry Rated | Wet Rated | Field Cuttable

Specifications

Category	Linear LED
Series	Specialty
Environment	RGBW (Outdoor)
Diode	5050
CRI	90+ (White)
CCT Options	3000K
Input Voltage	24V DC
Width	0.47in (12mm)
Height	0.08in (2.2mm)
Cut Intervals	2.46" (62.5mm) , 3.94in (100.0mm)
Beam Angle	120°
Lumens per Foot	160-298 lm/ft
Lumens per Watt	43 lm/W
Life Expectancy	50,000 Hour Life Expectancy
Operating Temp.	-13°F (-25°C) to 140°F (60°C)
Dimming Options	RF, Bluetooth, DMX 512

Features

- Dimmable
- 50,000 Hour Life Expectancy
- UL-Listed for Indoor and Outdoor Use
- 3M™ Industrial Adhesive Backing
- For Use with Electronic Power Supplies
- IP67 Silicone Jacket

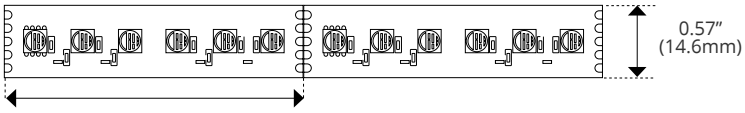
Description

RGBW-1 is our most luminous RGBW tape, delivering over 7 watts per foot, making it suitable for a wide range of applications.

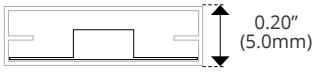
RGBW-2 is our most popular RGBW. With high brightness and power feeds up to 25ft apart, it offers a near perfect balance of light level and run length.

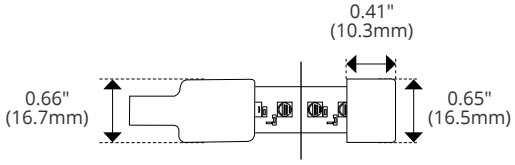
Dimensions

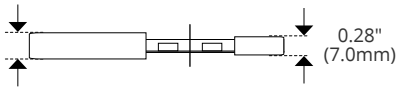
RGBW-1



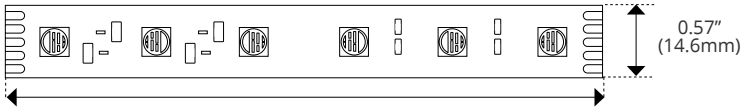
Cut Intervals: 2.46" (62.5mm)







RGBW-2



Cut Intervals: 3.94" (100.0mm)

Kelvix reserves the right to update the product specifications at any time. To maintain warranty, field modifications must follow approved Kelvix installation instruction.
Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

Location _____

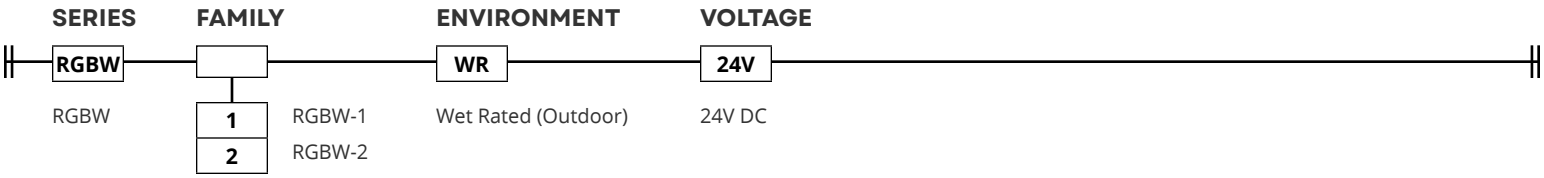
Product Code Builder

RGBW Outdoor

LINEAR LED

Product Code Builder

Example: RGBW-1-WR-24V



POWER CHART

	Watts	
	RGBW-1	RGBW-2
1 ft	8.1	5.0
2 ft	14.9	9.0
3 ft	21.6	12.9
4 ft	28.3	16.8
5 ft	34.9	20.6
6 ft	41.6	24.4
7 ft	48.2	28.1
8 ft	54.7	31.7
9 ft	61.3	35.3
10 ft	67.8	38.8
11 ft	74.3	42.2
12 ft	80.7	45.6
13 ft	87.1	48.9
14 ft	93.5	52.2
15 ft	-	55.4
16 ft	-	58.6
17 ft	-	61.6
18 ft	-	64.7
19 ft	-	67.7
20 ft	-	70.5
21 ft	-	73.4
22 ft	-	76.1
23 ft	-	78.9
24 ft	-	81.5
25 ft	-	84.1

	RGBW-1	RGBW-2
Wattage (per ft)	7.2	3.9
Max Run Length (ft)	14	25
Lumens (per ft)	298	160
Efficacy (lm/W)	41	41
Cut Intervals	2.46" (62.5 mm)	3.94" (100.0 mm)
Tape Width	0.47" (12 mm)	0.47" (12 mm)

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Conforms to ANSI/UL Standard 2108
Certified to CAN/CSA Standard C22.2 No. 250.2

Fixture Type _____

Project Name _____

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