Environmental Lights™

5-in-1 RGB LED Strip Light

RGBTW-5in1-5050-60-reel, RGBTW-5in1-5050-60-12V-5m
RGBAW-5in1-5050-60

PRODUCT DESCRIPTION

5-in-1 LED Strip Light gives you the ability to create bolder colors than ever before, making it perfect for use in scenic, stage and retail environments. The 5-in-1 is just that; five LEDs conveniently packaged on just one node, allowing for richer tones and cooler hues that were previously impossible to achieve with a single strip. In addition to containing an RGB diode, this strip also features a 6,500K white with either a 2,500K white or amber diode.

PRODUCT FEATURES

• 5 colors on the same node
• Over 1 trillion color combinations
• UL-Listed and RoHS certified
• DMX controllable
• Seamless blending of RGB and 6,500K with 2,500K or amber
• Available in IP67 waterproof

SPECIFICATIONS & PARAMETERS

Output	RGBTW-5in-1-5050-60	RGBAW-5in-1-5050-60-reel	RGBTW-5in1-5050-60-12V-5m
Beam Angle	120°	120°	120°
Brightness (lumens/meter)	R (107), G (232), B (53), TW (282/355)	R (111), G (318), B (103), TW (110/396)	R (76), G (204), B (43), TW (210/257)
Color Rendering Index	80+	80+	80+
Color Temperature	Red/Green/Blue/2500K/6500K	Red/Green/Blue/Amber/6500K	Red/Green/Blue/2500K/6500K
RGB Wavelength (nm)	R (630), G (515), B (464)	R (630), G (520), B (463), A (592)	R (630), G (515), B (464)
Electrical			
Voltage (DC)	24 VDC	24 VDC	12 VDC
Power (W)	92.5	92.5	3.4 W/ft
Power (W/m)	R (3.73), G (3.97), B (3.5), TW (3.9/3.9)	R (3.73), G (3.97), B (3.5), TW (3.9/3.9)	11 W/m
Density (LEDs/m)	60	60	60
Input Current (mA)	2,854	2,854	4583
LED Note Size	5050	5050	5050
Dimming Specifications	Fully Dimmable	Fully Dimmable	Fully Dimmable
Physical			
Length	16.4 ft (5 m)	16.4 ft (5 m)	16.4 ft (5 m)
Width	0.47 in (12 mm)	0.47 in (12 mm)	0.47 in (12 mm)
Cutting Increment	3.93 in (100 mm)	3.93 in (100 mm)	1.95 in (49.5 mm)
Warranty	5 Year Limited	5 Year Limited	5 Year Limited
Rating	UL, RoHS, Available in IP67	UL, RoHS, Available in IP67	UL, RoHS, Available in IP20

MECHANICAL SPECIFICATIONS

12 VDC

1.97 in [50 mm]
0.47 in [12 mm]
+12V W G R B P
0.66 in [16.7 mm] TYP.

24 VDC

3.94 in [100 mm]
0.47 in [12 mm]
+24V W G R B P
0.66 in [16.7 mm] TYP.

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