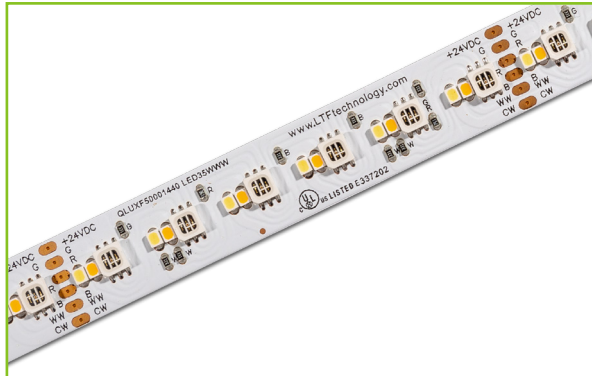




L.T.F.

QLUX Flexible LED Tape Series

RGBW+WW Flexible LED Tape



CCT	RGBW+WW
LED Package	SMD 3535, 2216
LEDs Per Foot	88 LEDs/ft
Cut Lengths	50mm (≈2in)
Watts Per Foot	≈7W/ft
Input Voltage	24V DC
Reel Length	5m
Tape Width	12mm
Beam Angle	120°



RoHS



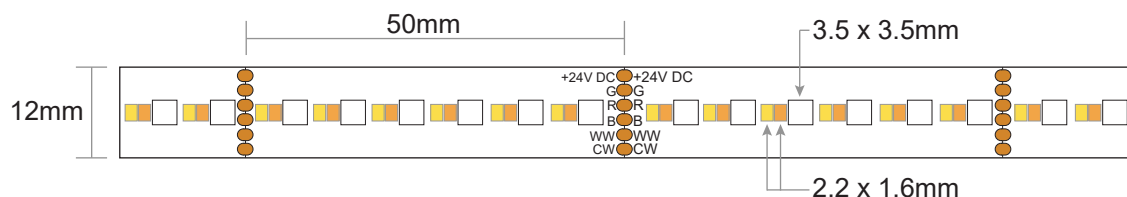
FEATURES

- Maximum run length 5 meters.
- LM80 Compliant 3535 & 2216 SMD LEDs.
- Uniform, linear light output.
- Consistent color, 1 bin sorted.
- High efficacy.
- UL Listed.
- Perfect for dynamic, colorful accent lighting and vibrant cool or warm white illumination.
- 3oz. copper.
- IP20. Also available in IP67 silicone extrusion and IP68 silicone injected tube.
- LM-80, LM-79 compliant LEDs.

GENERAL SPECIFICATIONS

Model Number	Input Voltage	CCT	lm/m	W/m	lm/W	Dominant Wavelength Range		
						Red	Green	Violet
QLUXF50001440LED35WWW	24V DC	RGBW+WW Provides 2100K - 6500K White Light	1100 lm/m	23 W/m	48 lm/W	620-630nm	520-535nm	470-475nm

MECHANICAL SPECIFICATIONS



288 LEDs per meter: 96 RGB, 96 Cool White (6500K), 96 Warm White (1800K)

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QLUX Flexible LED Tape Series

RGB Flexible LED Tape



ELECTRICAL SPECIFICATIONS

Parameter		Rated Value	Unit
Forward Voltage DC	VF	24V DC	V
Forward Current	IF	290	mA/12"
Power	PD	7	W/12"
CRI	Ra	95+	/
Luminous Flux	Φ	1100	lm
PCB Width	W	12	mm
Copper Thickness	T	3	OZ
Min. Element Size	L	50mm	mm
Min. Buckling Radius	R	≥ 50	mm
Angle	2θ½	120	deg
Static Electricity	ESD	800	V
Junction Temperature	Tj	115	°C
IP Grade	IP	IP20 not waterproof	/
LED Color Temperature	CCT	2100K - 6500K	K
LED Brightness	LM	≈4 lm/LED	lm

2θ½ is half-value angle
 Luminous Flux testing acceptable tolerance ±10%
 CRI testing acceptable tolerance: -1
 Voltage testing acceptable deviation" ±1V

The CCT of the LED strip will change after the strip is glued
 Luminous Flux is the brightness in lumens at 12" distance
 The item is high power, remeber to use is with an aluminum profile for heat dissipation