

QLUXF50001440LED35RGBTW

Architectural Grade RGBTW Flexible LED Tape



Peak Wavelength	~455nm(CW), ~635nm(WW), ~630nm(Red), ~525nm(Green), ~470nm(Blue),
CRI / R9	90+/60+
Lumens per foot	336lm/ft
LEDs per foot	88 LEDs/ft
Cut Lengths	2.5"(63.5mm)
Watts per foot	7W/ft
Input Voltage	24V DC
Luminous Efficiency	48lm/W
Tape Width	0.5"(12mm)



RoHS



- RGB tunable white LED tape fro creating millions of amazing color effects
- Maximum run length 10 meters / 5m per reel
- LM80 Compliant 3535 & 2216 SMD LEDs
- Title 24 Compliant
- Uniform, linear light output
- Consistent color, 1 bin sorted
- High efficacy

FEATURES

- 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
- 7 Year warranty

MODEL SPECIFICATIONS

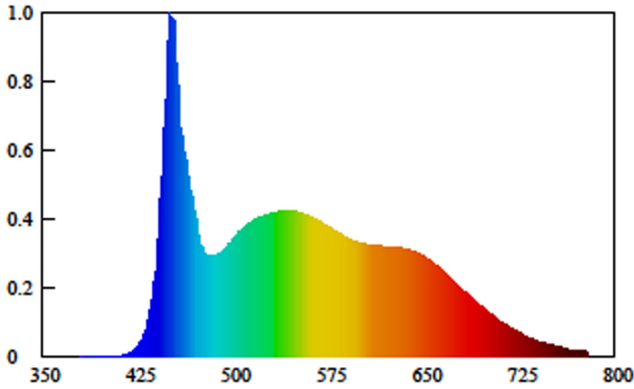
Model Number	Input Voltage	lm/m					IP	Lm/m*	W/m*	lm/W*	Reel Length
		Red	Green	Blue	CW 2100K	WW 6500K					
QLUXF50001440LED35RGBTW	24V DC	180 lm/m	670 lm/m	180 lm/m	60 lm/m	80 lm/m	IP20	1104 lm/m	23W/m	48lm/W	5m

Dominant Wavelength Range		
Red	Green	Blue
620-630nm	520-535nm	470-475nm

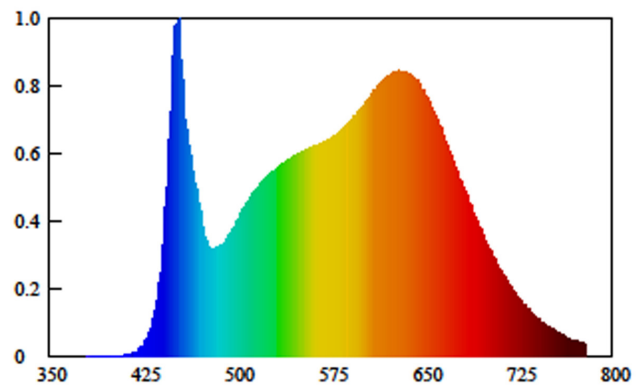
QLUXF50001440LED35RGBTW
Architectural Grade RGBTW Flexible LED Tape

SPECTRORADIOMETRIC REPORT

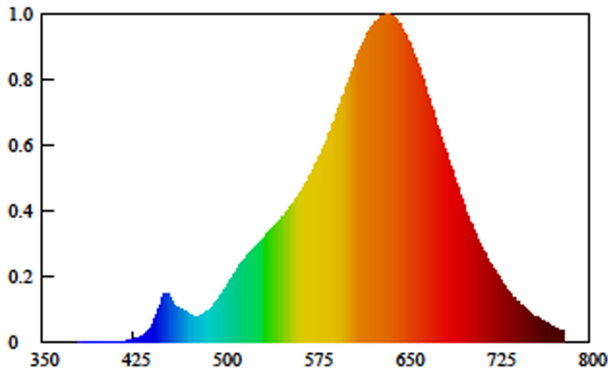
6500K



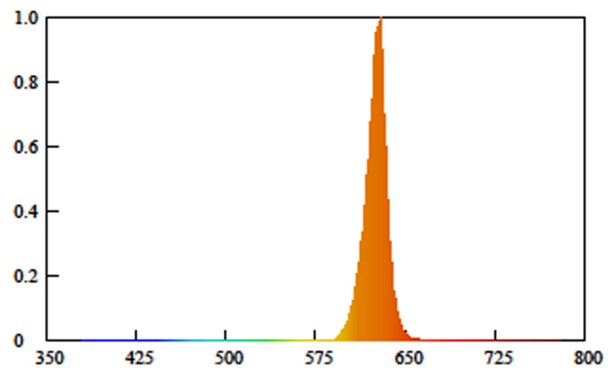
4000K



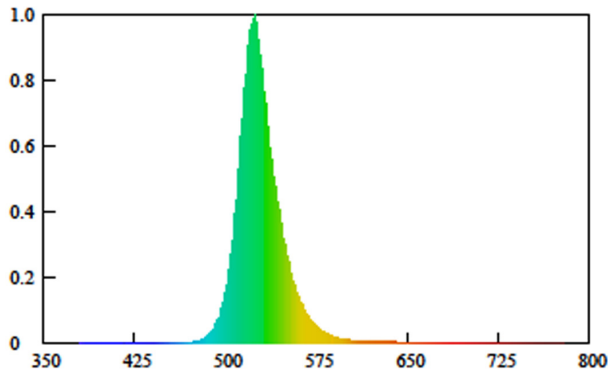
2100K



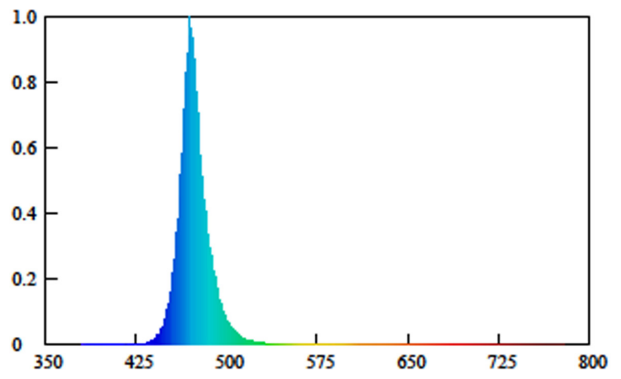
RED



GREEN



BLUE



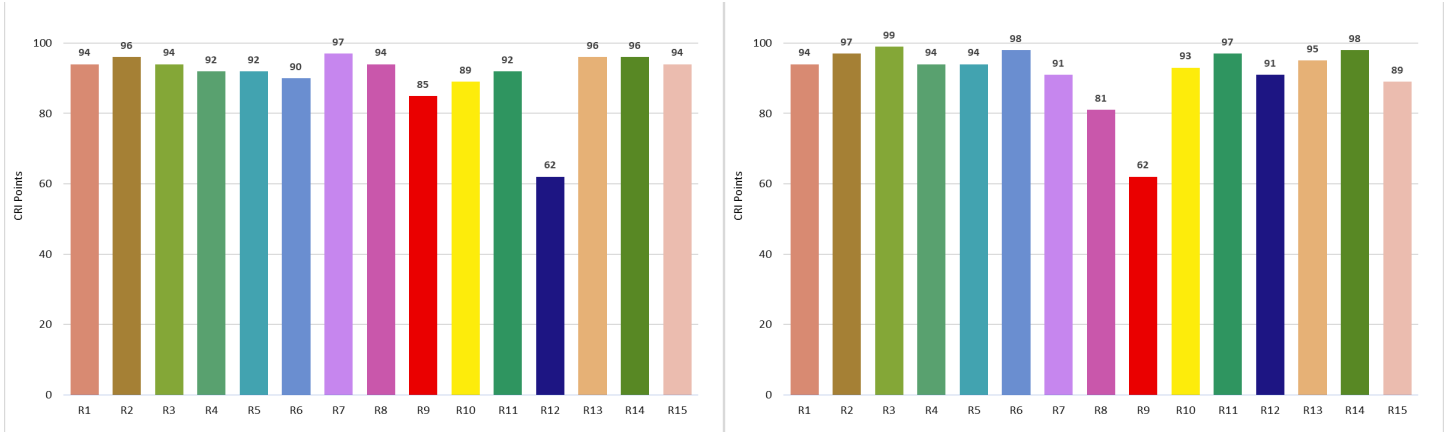
QLUXF50001440LED35RGBTW

Architectural Grade RGBTW Flexible LED Tape

CRI CHART

6500K

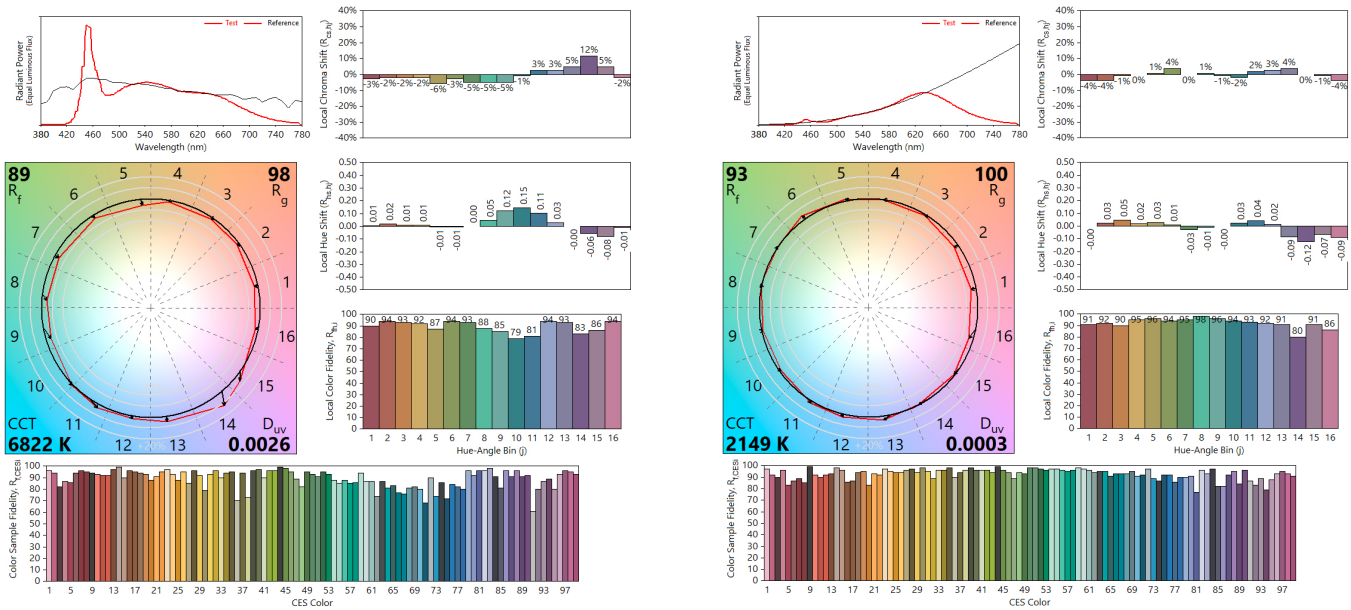
2100K



TM-30 CHART

6500K

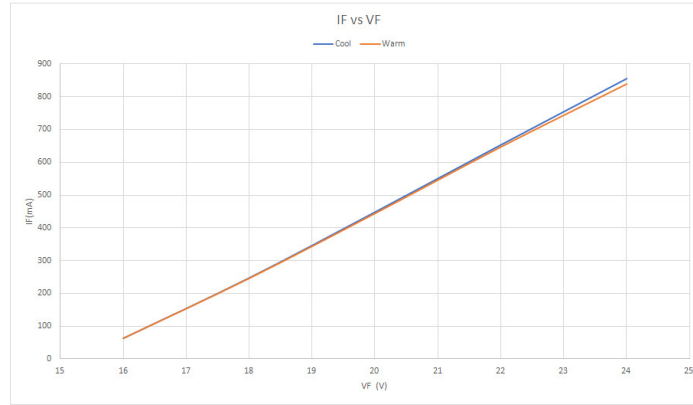
2100K



QLUXF50001440LED35RGBTW

Architectural Grade RGBTW Flexible LED Tape

DIMMING CURVE



RECOMMENDED LTF DRIVER

MODEL NUMBER	WATTS	OUTPUT VOLTAGE
DS96W24VBR1UD-3002	96W	24V Constant Voltage

WIRELESS CONTROLLER

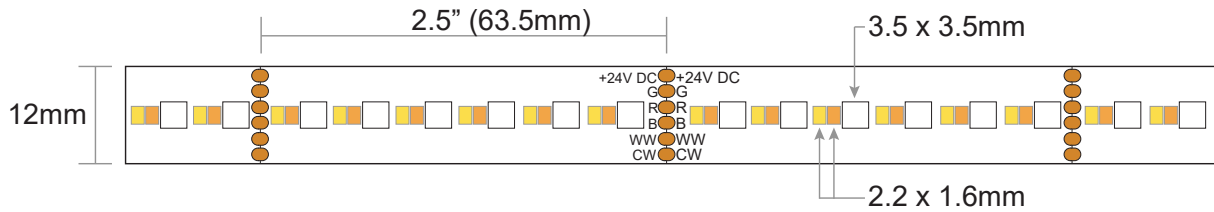
TUNEABLE MODEL	MODEL NUMBER	CONTROLLER	INPUT	OUTPUT VOLTAGE(V)	LOAD
	SI5X250WD1224BT5 (wireless)	TUYA	12V OR 24V DC	12V or 24V DC (~7.5kHz PWM)	5-Channel 12V or 24V DC LED
	SI5X250WD1224WZ5 (wireless)	WIZ PRO	12V OR 24V DC	12V or 24V DC (~7.5kHz PWM)	5-Channel 12V or 24V DC LED

For tape lengths less than full 5M reel, use appropriate LTF 24V drivers to match tape load power rating under worse scenarios.

QLUXF50001440LED35RGBTW

Architectural Grade RGBTW Flexible LED Tape

MECHANICAL SPECS



288 LEDs per meter: 96 RGB, 96 Cool White (6500K), 96 Warm White (2100K)