

QLUXF50001440LED35RGBTW-68

Architectural Grade RGBTW IP68 Waterproof LED Tape



Peak Wavelength	~455nm(CW), ~635nm(WW), ~630nm(Red), ~525nm(Green), ~470nm(Blue),
CRI / R9	90+/60+
Lumens per foot	211lm/ft
LEDs per foot	88 LEDs/ft
Cut Lengths	2.5”(63.5mm)
Watts per foot	4.4W/ft
Input Voltage	24V DC
Luminous Efficiency	48lm/W
Tape Width	0.5”(12mm)



RoHS



FEATURES

- RGB tunable white LED tape for 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
- UL Listed
- Perfect for dynamic, colorful accent lighting and vibrant cool or warm white illumination
- 3oz. copper
- IP68 silicone injected tube
- LM-80, LM-79 compliant LEDs
- 7 Year warranty

MODEL SPECIFICATIONS

Model Number	Input Voltage	IP	Lm/m*	W/m*	lm/W*	Reel Length
QLUXF50001440LED35RGBTW-68	24V DC	IP68	691 lm/m	23W/m	48lm/W	5m

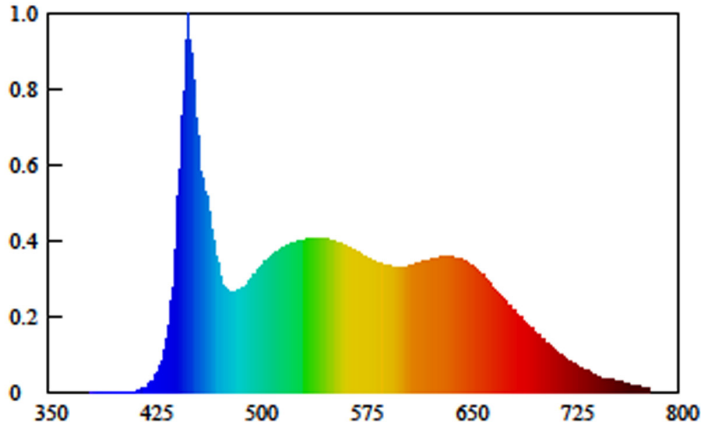
Dominant Wavelength Range		
Red	Green	Blue
620-630nm	520-535nm	470-475nm

*Hardware included, comes with mounting clips and waterproof caps.

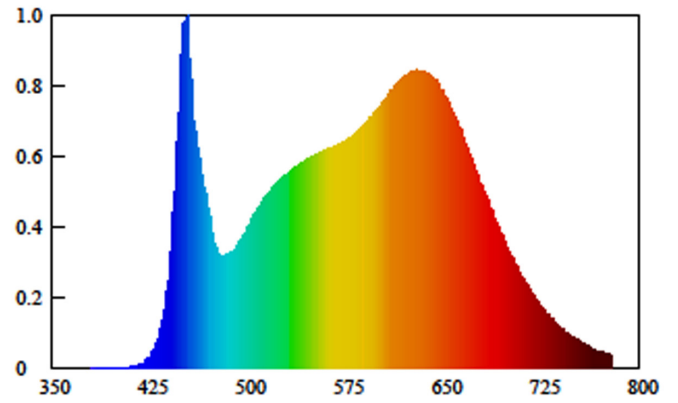
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SPECTRORADIOMETRIC REPORT

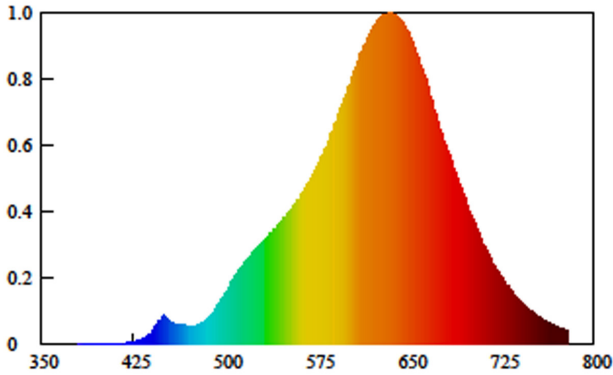
6500K



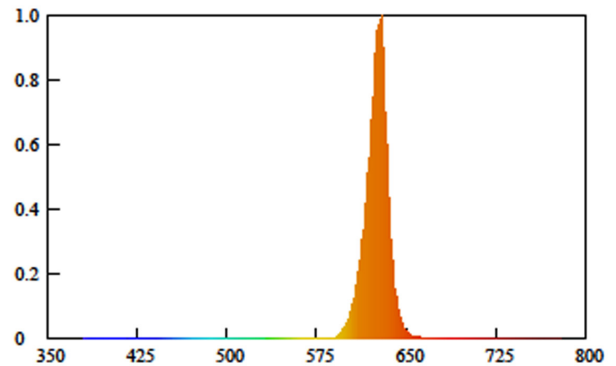
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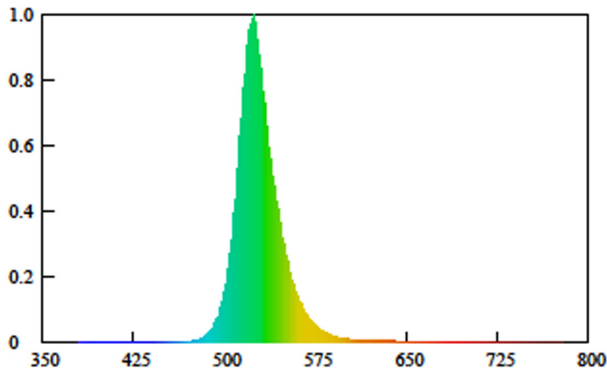
2100K



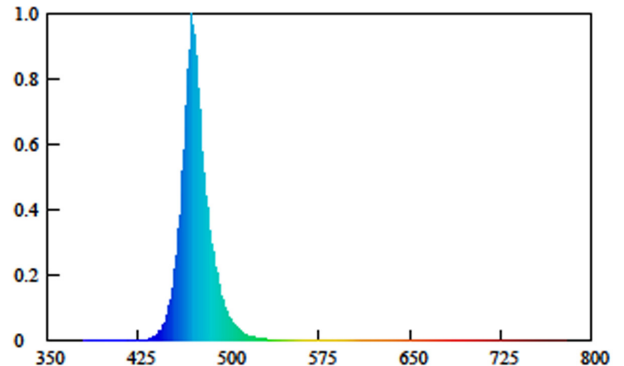
RED



GREEN



BLUE

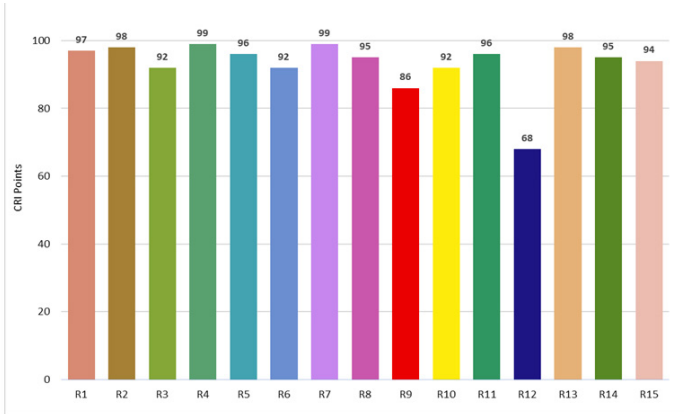


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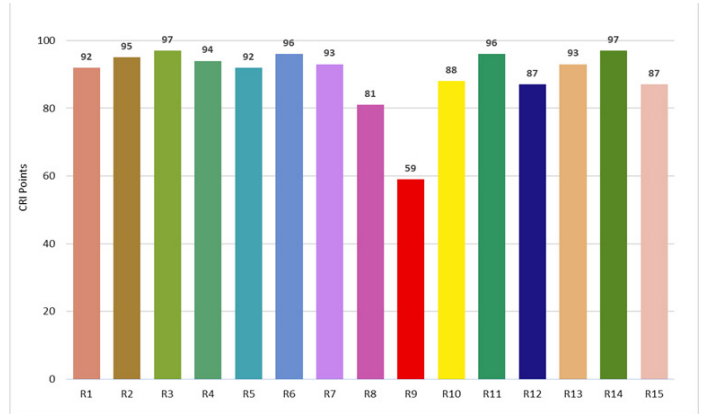
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CRI CHART

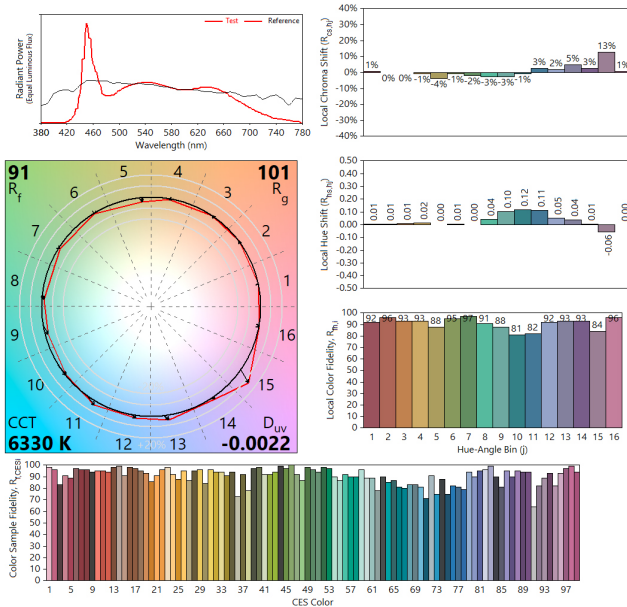
6500K



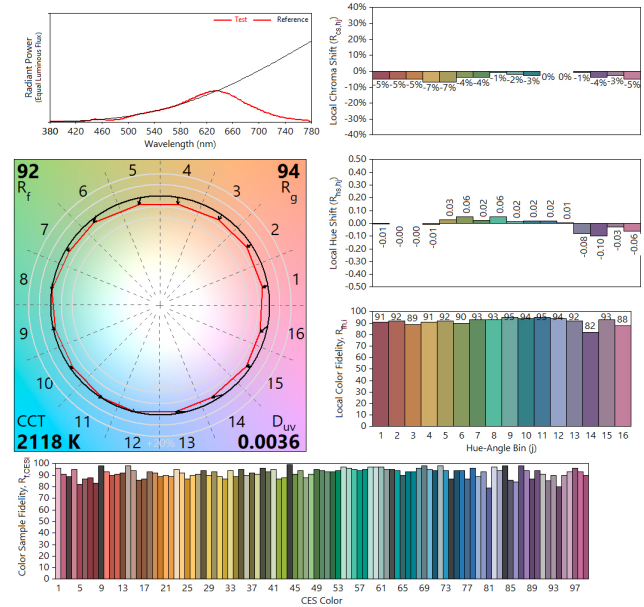
2100K



6500K



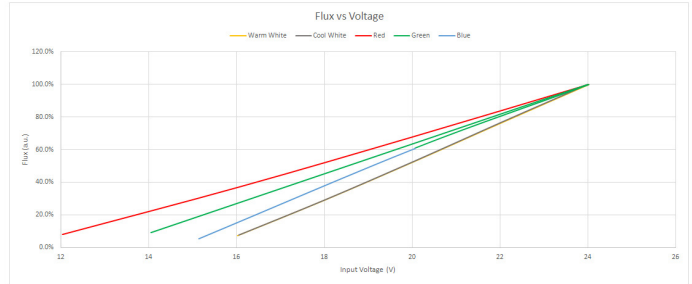
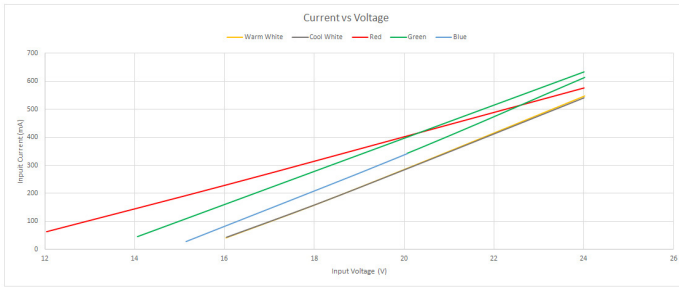
2100K



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DIMMING CURVE



RECOMMENDED LTF DRIVER

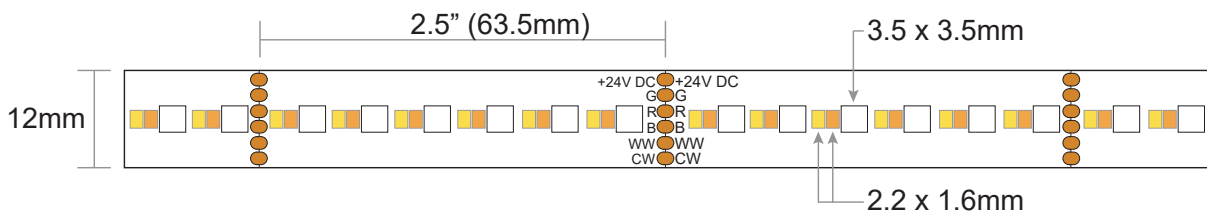
MODEL NUMBER	WATTS	OUTPUT VOLTAGE
DS96W24VBR1UD-3002	96W	24V Constant Voltage

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.

MECHANICAL SPECS



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