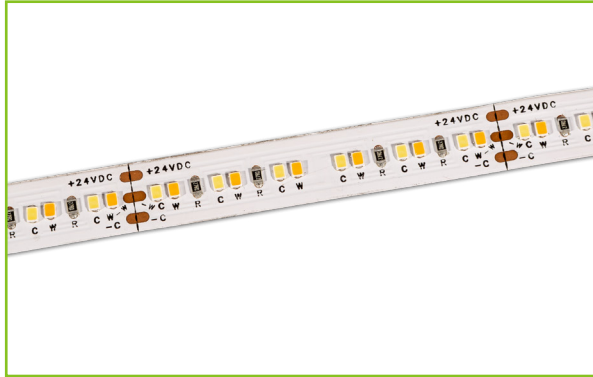




L.T.F.

QFlex LED Tape Series

**Color Tunable Soft LED Strip
2 Channel Adjustable CCT 1900K to 5800K**



Specifications	
CRI	Ra=85.8
R9 Value	52
Lumens per Foot	~720 lm/ft
LEDs Per Foot	72 LEDs/ft
Cut Lengths	50mm (~2in)
Watts Per Foot	~11W/ft
Input Voltage	24V DC
Luminous Efficacy	66.3 lm/W
Tape Width	10mm



RoHS

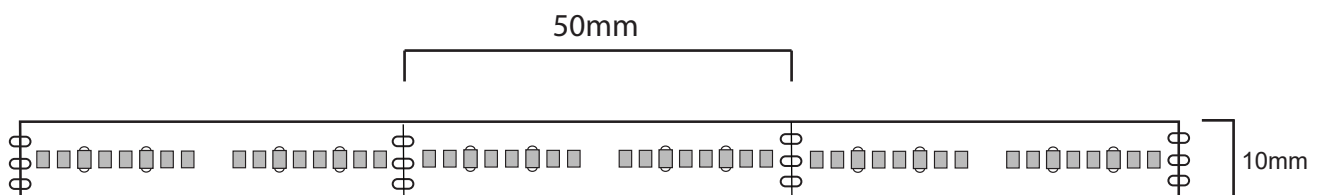


FEATURES

- High CRI 85+ and high R9 52+
- 2 channel adjustable CCT tuning range from 1900K to 5800K
- Title 24 Compliant
- Maximum run length 5 meters
- LM80 2835 LEDs
- Uniform, linear light output
- IP rating available IP20, IP54, and IP64
- High Efficiency LED tape
- Tight binning less than 3 MacAdam Ellipses
- UL Registered E481875
- 50,000 hour rating
- Ideal for use with LTF® UniDriver Series 24V Constant Voltage LED drivers

Model #	Input Voltage	Adjustable CCT	lm/m	W/m	lm/W
QLUXF50001200LED91958	24V DC	1900k to 5800K	2508 lm/m	38 W/m	66.3 lm/W

MECHANICAL SPECS





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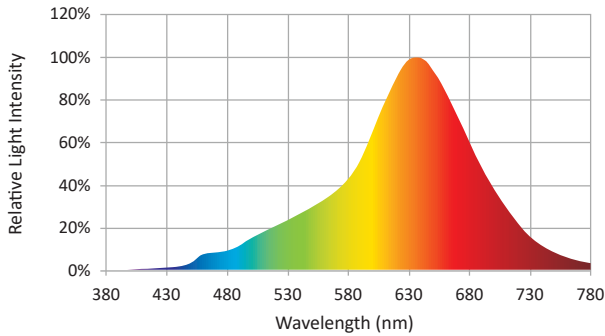


**Color Tunable Soft LED Strip
2 Channel Adjustable CCT 1900K to 5800K**

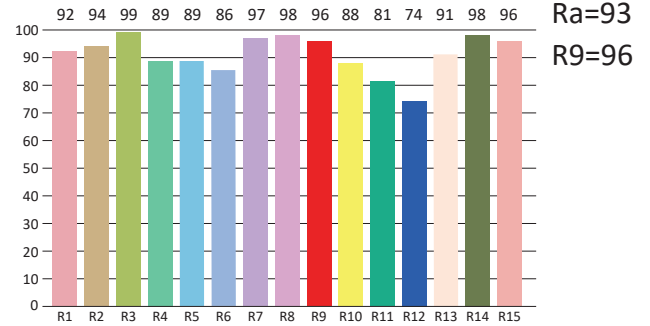
SPECTRORADIOMETRIC PARAMETERS

CRI TEST RESULTS

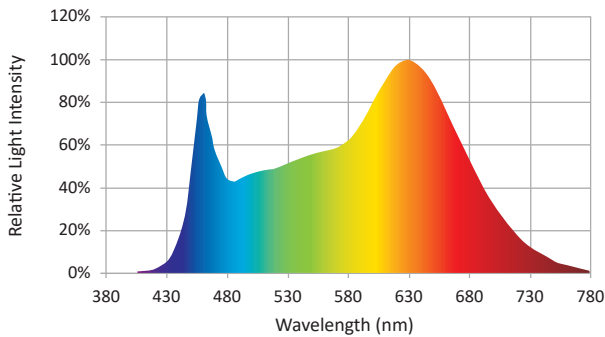
CCT 1900K (Warm channel only)



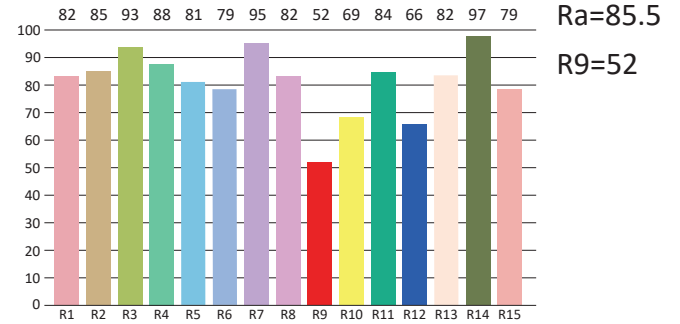
CCT 1900K (Warm channel only)



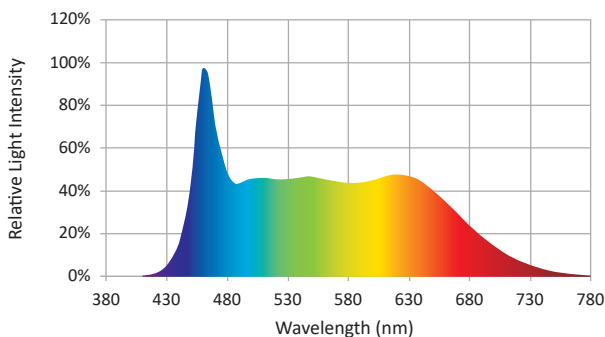
CCT 3800K (Both channels 100%)



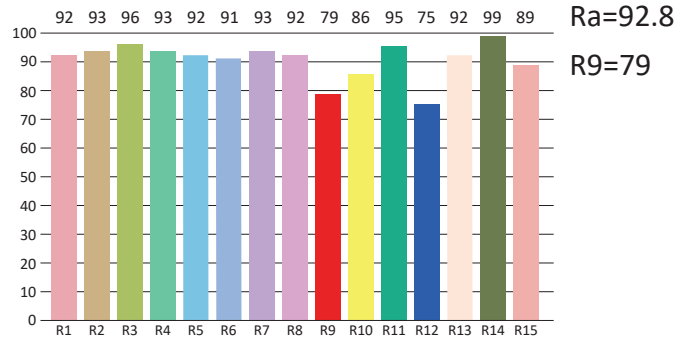
CCT 3800K (Both channels 100%)



CCT 5800K (Cool channel only)



CCT 5800K (Cool channel only)





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**Color Tunable Soft LED Strip
2 Channel Adjustable CCT 1900K to 5800K**

ELECTRICAL SPECIFICATIONS

Parameter		Rated Value	Unit
Forward Voltage DC	VF	24V DC	V
Forward Current	IF	463	mA/12"
Power	PD	11.15	W/12"
CRI	Ra	85.8	/
Luminous Flux	Φ	1120.86	lm
PCB Width	W	10	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	1900K - 5800K Adjustable	K
LED Brightness	LM	~10 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, remember to use it with an aluminum profile for heat dissipation