



L.T.F. QFlex LED Tape Series

Premier Soft LED Strip Color Tunable - Adjustable CCT 2000K to 4000K



Specifications	
CRI	Ra 90+
R9 Value	80+
Lumens per Foot	~250lm/ft
LEDs Per Foot	36 LEDs/ft
Cut Lengths	50mm (~2in)
Watts Per Foot	~3.5W/ft
Input Voltage	24VDC
Luminous Efficacy	71 lm/W



RoHS

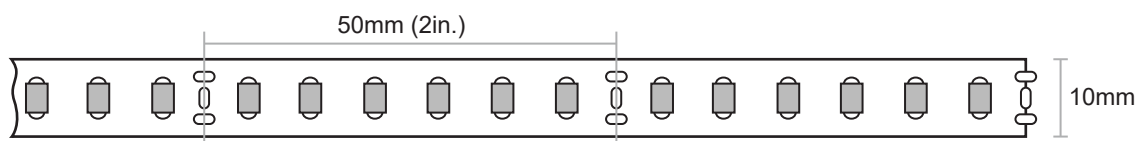


FEATURES

- High CRI 95+ and high R9 90+
- Optional CCT tuning range from 2000K to 4000K
- 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 current LED drivers

Model #	Input Voltage	CCT	lm/m	W/m	lm/W
QLUXF5000600LED92040	24V DC	2000k + 4000K LEDs	820 lm/m	11.5 W/m	71 lm/W

MECHANICAL SPECS

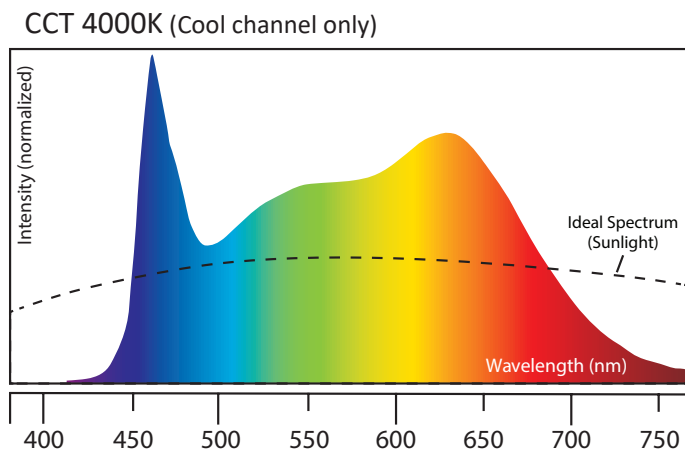
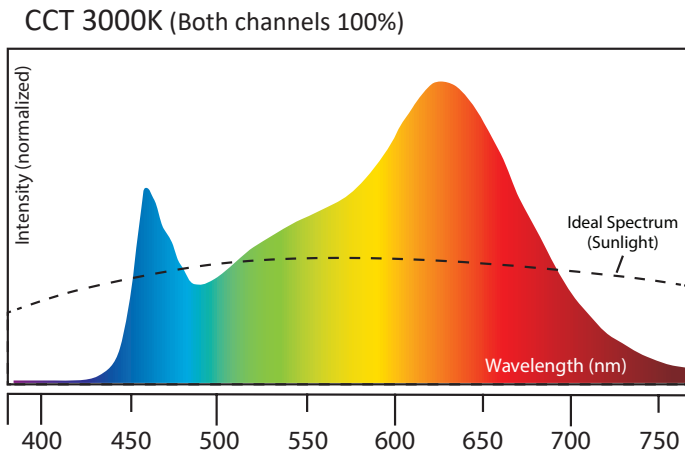
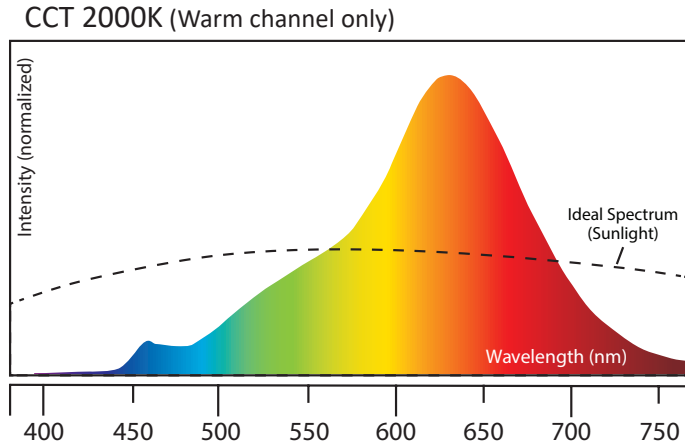


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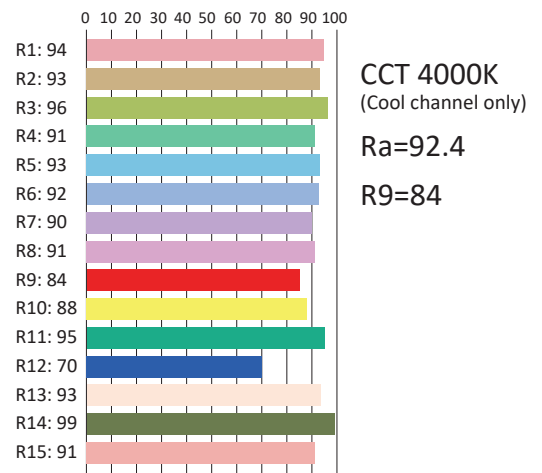
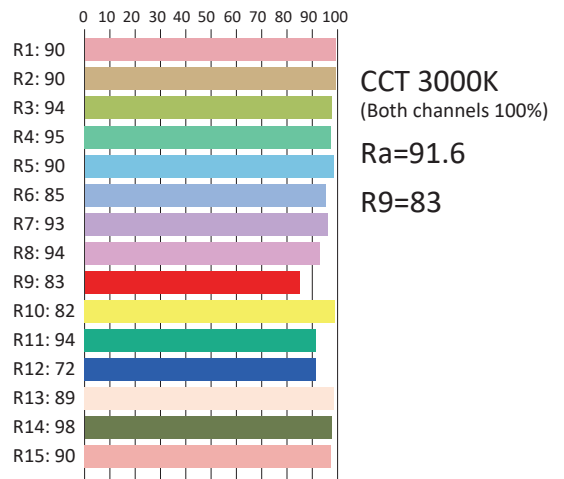
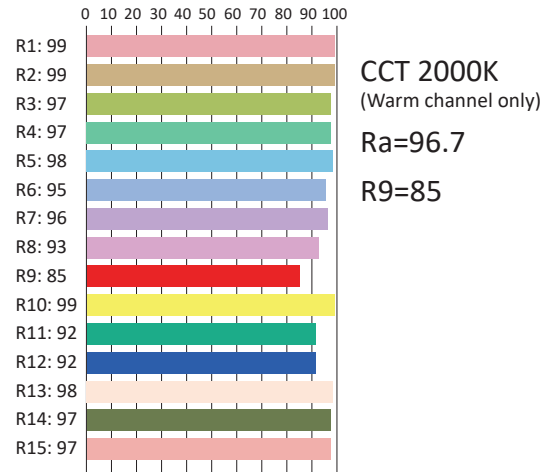


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SPECTRORADIOMETRIC PARAMETERS



CRI TEST RESULTS



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ELECTRICAL SPECIFICATIONS

Parameter		Rated Value	Unit
Forward Voltage DC	VF	24VDC	V
Forward Current	IF	290	mA/12"
Power	PD	3.5	W/12"
CRI	Ra	90+	/
Luminous Flux	Φ	~250 lm	Lm (12")
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	2000k - 4000K Adjustable	K
LED Brightness	LM	7 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 of 1m
 The item is high power, remember to use it with an aluminum profile for heat dissipation