



L.T.F. QFlex LED Tape Series

QLUXF50001200LED Premier Soft LED Strip Dim-to-Warm, Title 24 Compliant



Specifications	
CRI	94+
R9 Value	98
Lumens per Foot	~510 lm/ft
LEDs Per Foot	72 LEDs/ft
Cut Lengths	50mm (~2in)
Watts Per Foot	~ 6.7W/ft
Input Voltage	24VDC



RoHS

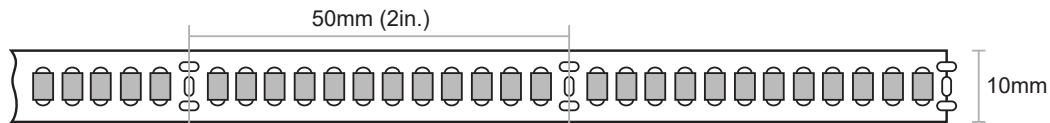


FEATURES

- High CRI 94+ and high R9 98
- Dim-to-warm: 2700k dims to 1800K
- Dimmable with line voltage dimmers such as Lutron® C•L, phase dimmers and 0-10V dimmers
- Ideal for use with LTF® UniDriver Series 24V constant voltage LED drivers
- Maximum run length 5 meters
- LM80 2835 LEDs
- Uniform, linear light output
- IP rating IP20
- High Efficiency LED tape
- Tight binning less than 3 MacAdam Ellipses
- UL Registered E481875

Model #	Input Voltage	CCT	lm/m	W/m	lm/W
QLUXF50001200LED92718-WDM	24V DC	2700K dims to 1800K	1673 lm/m	22 W/m	76 lm/W

MECHANICAL SPECS



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L.T.F

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ELECTRICAL SPECIFICATIONS

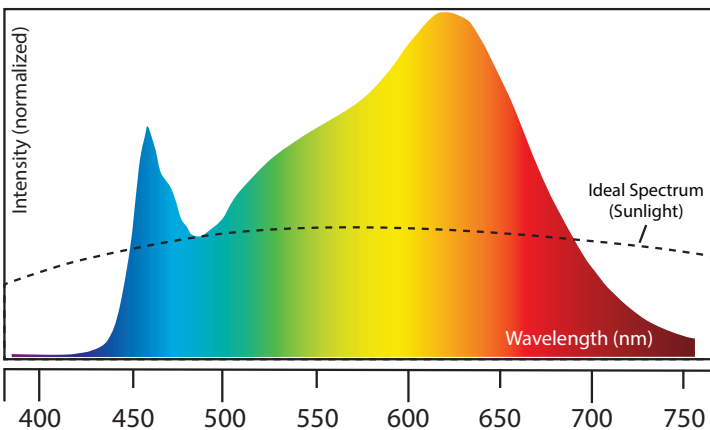
Parameter		Rated Value	Unit
Forward Voltage DC	VF	24VDC	V
Forward Current	IF	290	mA/12"
Power	PD	7	W/12"
CRI	Ra	+94	/
Luminous Flux	Φ	86 lm	Lm (12")
PCB Width	W	10	mm
Copper Thickness	T	3	OZ
Min. Element Size	L		mm
Min. Buckling Radius	R	≥ 50	mm
Angle	2θ½	120	deg
Static Electricity	ESD	800	V
Junction Temperature	Tj	115	°C
IP Grade	IP	IP20 not waterproof	/
LED Color Temperature	CCT	2700K dims to 1800K	K
LED Brightness	LM	14lm/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, remeber to use is with an aluminum profile for heat dissipation

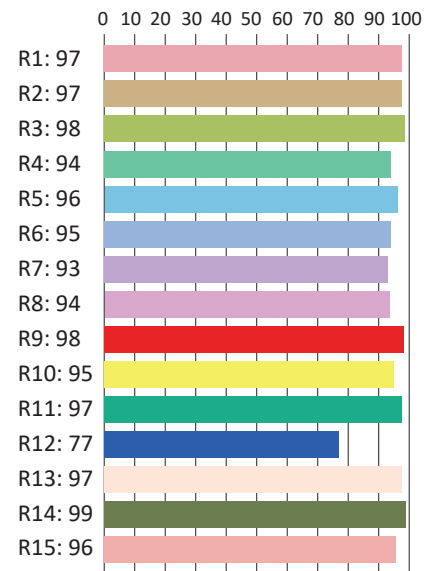
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SPECTRORADIOMETRIC PARAMETERS



Test Results at 2700K

COLOR RENDERING INDEX (CRI)



Test Results at 2700K