

# QLUXF5000600LED92040

## Architectural Grade Color Tunable LED Tape



<b>CRI / R9</b>	95+/90+
<b>Lumens per foot</b>	230 lm/ft
<b>LEDs per foot</b>	36 LEDs/ft
<b>Cut Lengths</b>	3.9" (100mm)
<b>Watts per foot</b>	3W/ft
<b>Input Voltage</b>	24V DC
<b>Luminous Efficiency</b>	72 lm/W
<b>Tape Width</b>	0.4"(10mm)



**RoHS**



- High CRI >95 and high R9 >90, TLCI-2012 97
- Adjustable CCT tuning range from 2000K to 4000K
- Title 24 Compliant
- Maximum run length 5 meters
- LM80 LEDs
- Uniform, Linear light output
- IP rating available IP20, IP54, and IP64

### FEATURES

- Tight binning less than 3 MacAdam Ellipses
- UL Listed
- 50,000 hour rating
- Ideal for use with LTF UniDriver series 24V constant voltage LED drivers

### MODEL SPECIFICATIONS

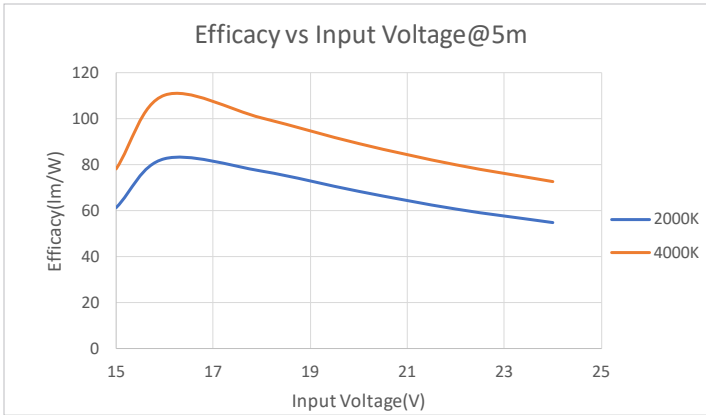
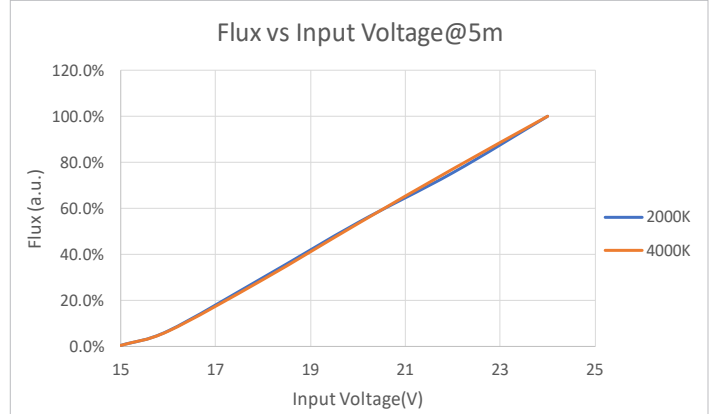
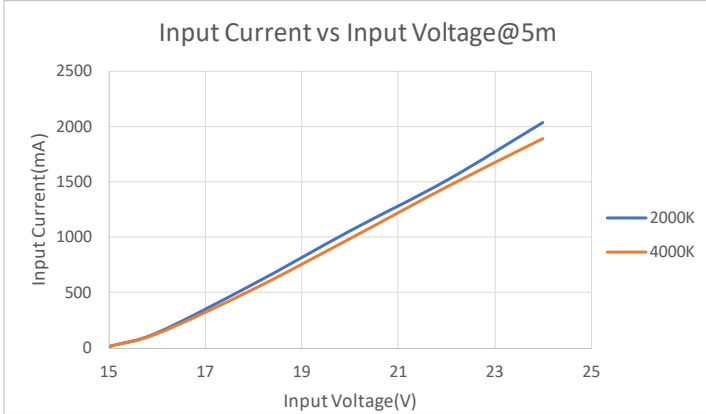
Model Number	Input Voltage	Adjustable CCT	IP	Lm/m*	W/m*	lm/W*	Reel Length
QLUXF5000600LED92040	24V DC	2000K to 4000K	IP20	720lm/m	10W/m	72lm/W	5M

\*Measurements based on 24V input voltage

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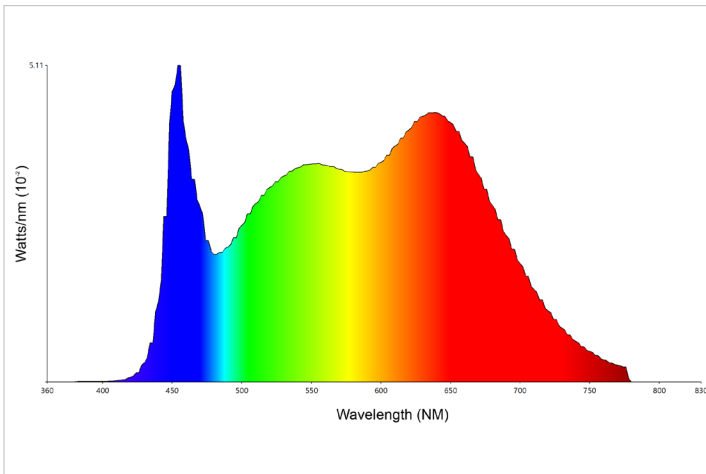
### DIMMING CURVES



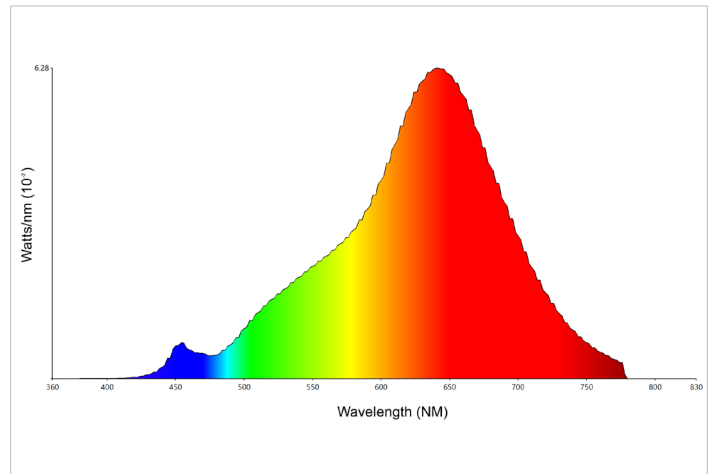
\* All dimming curves using model QLUXF5000600LED92040

### SPECTRORADIOMETRIC PARAMETERS

4000K



2000K

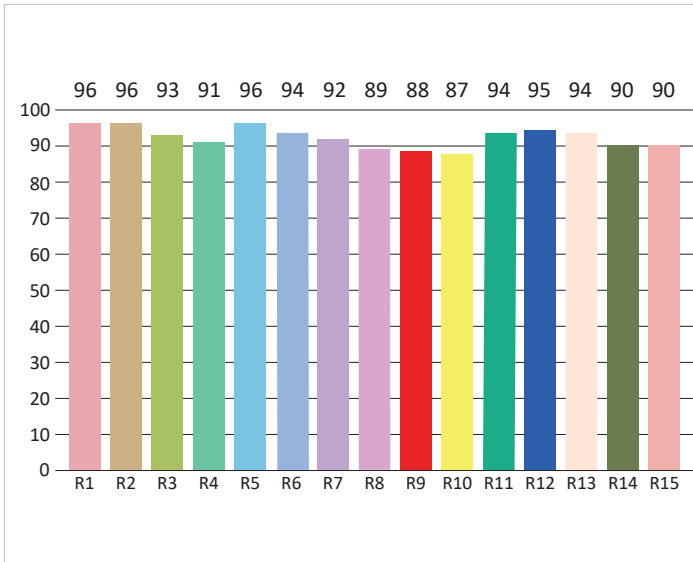


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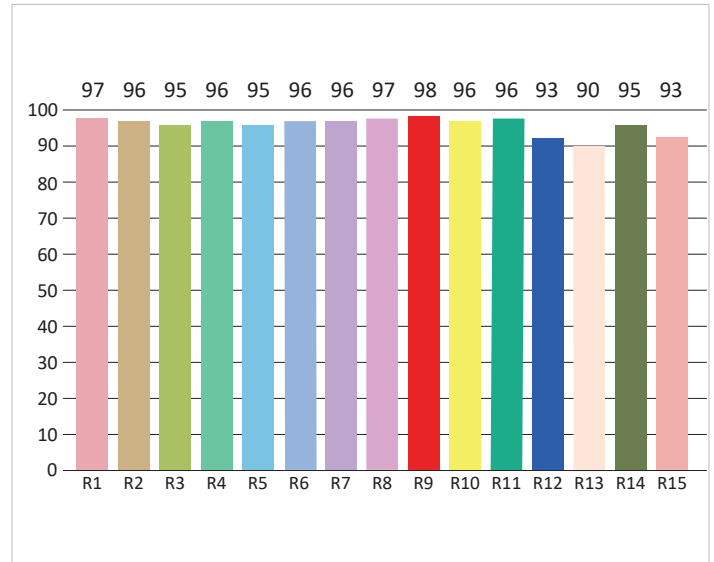
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### CRI TEST

**4000K**

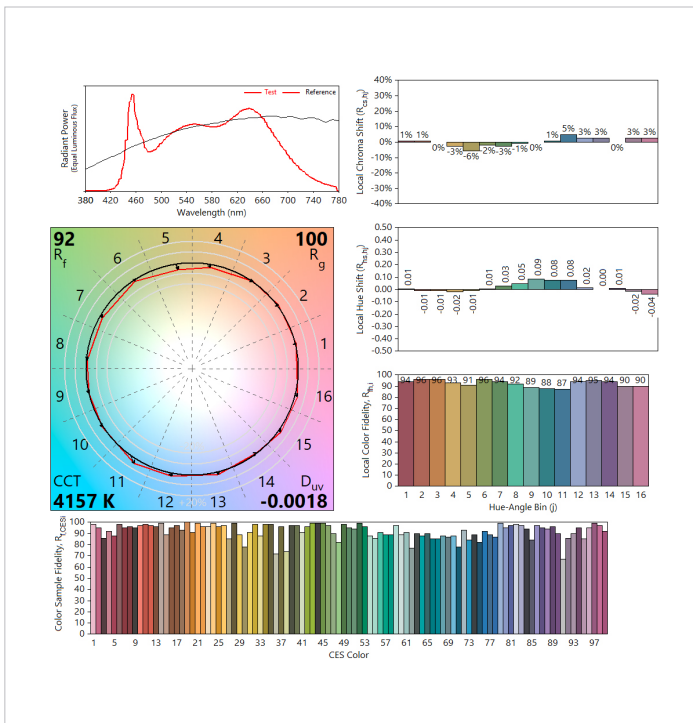


**2000K**

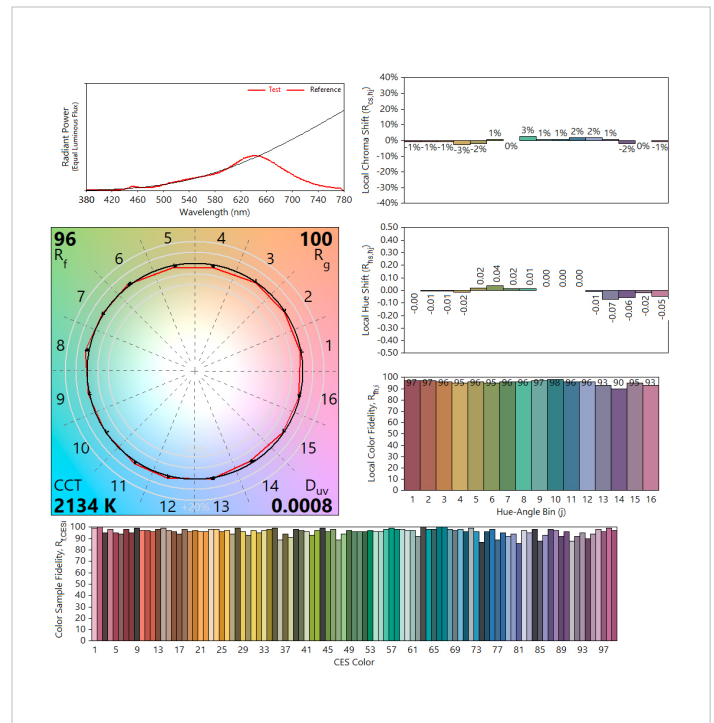


**TM-30 CHART**

**4000K**



**2000K**



\* All tests using model QLUXF5000600LED92040

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### CHARACTERISTICS

PERAMETER		RATED VALUE	UNIT
Forward Voltage DC	VF	24V DC	V
Forward Current	IF	125	mA/12"
Power	PD	3	W/12"
CRI	Ra	>95	/
Luminous Flux	Φ	230	Lm (12")
PCB Width	W	10	mm
Copper Thickness	T	3	OZ
Min. Buckling Radius	R	≥50	mm
Viewing Angle @ 50% Iv	2Θ	120°	deg
Static Electricity	ESD	800	V
Junction Temperature	Tj	115	*C
IP Grade	IP	IP20 not waterproof	
LED Color Temperature	CCT	2000K to 4000K	K
LED Brightness	LM	10lm/LED	lm

Θ is half viewing angle at 50% Iv  
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 with aluminum profile for heat dissipation

### COMPATABLE LED DRIVERS

Model Number	Output Voltage
DS96W24VB1UD-3002	24V 4.0A

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## MECHANICAL SPECS

