

# QLUXF50001200LED9WD SERIES

## Dim to Warm LED Tape



CRI	>95
R9 Value	>90
Lumens per foot	375lm/ft
LED's per foot	72 LEDs/ft
Cut Lengths	51mm (2")
Watts per foot	5W/ft
Input Voltage	24V DC
Luminous Efficiency	75lm/W
Tape width	0.4"(10mm)
Max. run	30F/10M



### FEATURES

- High CRI >95 and high R9 >90, TLCI-2012 95
- Warm to Dim adjustable CCT tuning range from 3200K to 1800K
- Title 24 Compliant
- Maximum run length 30F/9M meters
- LM80 2835 LEDs
- Uniform, Linear light output
- IP rating available IP20, IP54, and IP64
- 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

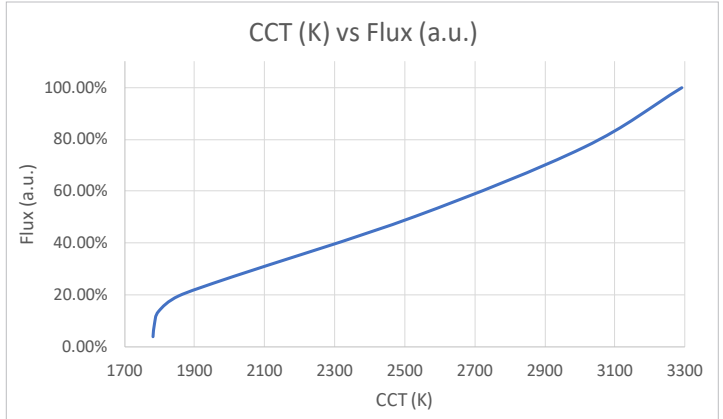
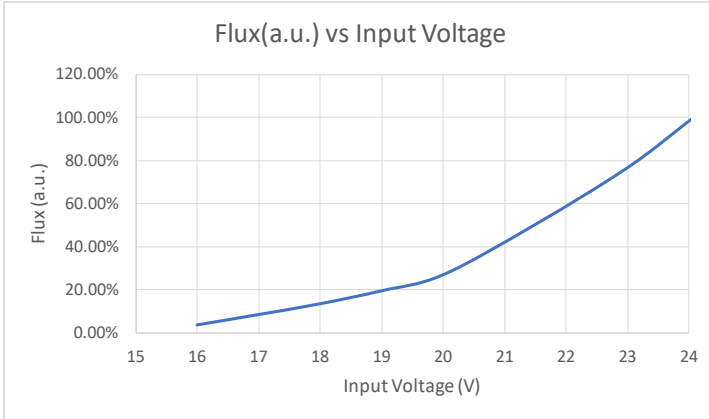
Model Number	Input Voltage	CCT	IP	lm/m*	W/m*	lm/W*	Reel Length
QLUXF50001200LED92718WD	24V DC	2700K to 1800K	IP20	1230lm/m*	16W/m*	75lm/W	5m
QLUXF50001200LED93018WD		3000K to 1800K		1230lm/m*	16W/m*	75lm/W	5m
QLUXF50001200LED93218WD		3200K to 1800K		1230lm/m*	16W/m*	75lm/W	5m

\*Measurements based on 24V input voltage

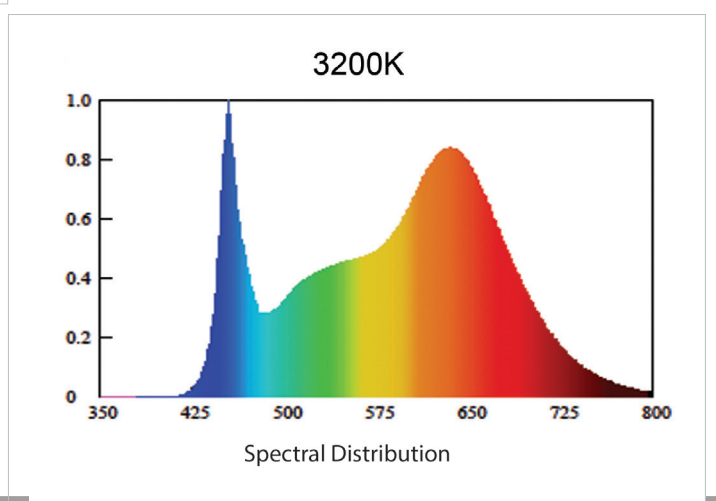
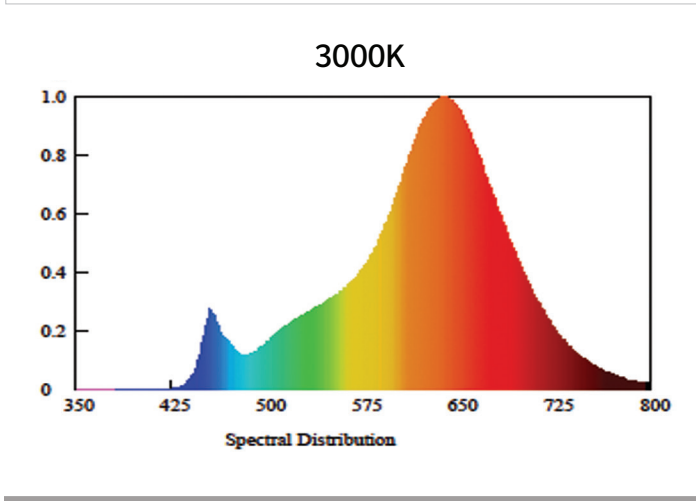
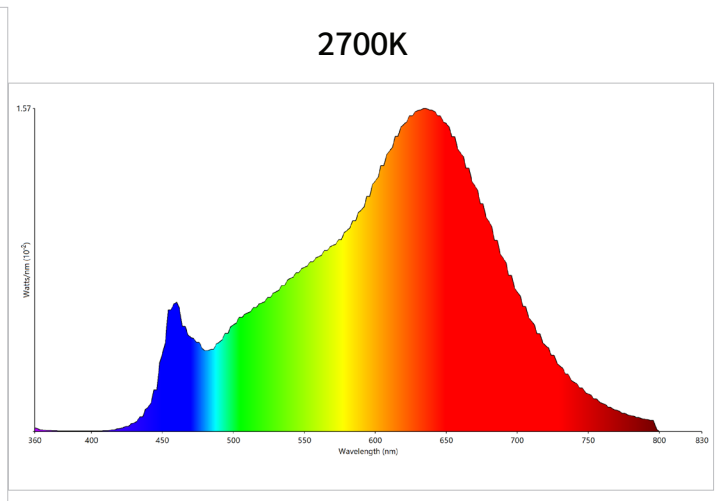
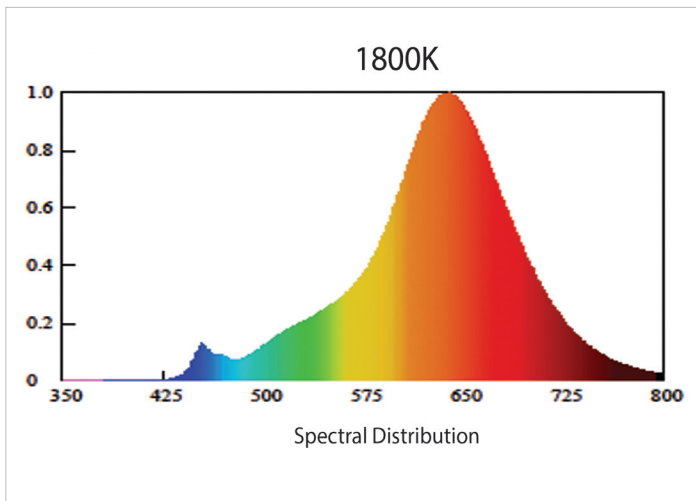
# QLUXF50001200LED9WD SERIES

## Dim to Warm LED Tape

### DIMMING CURVES



### SPECTRORADIOMETRIC PARAMETERS

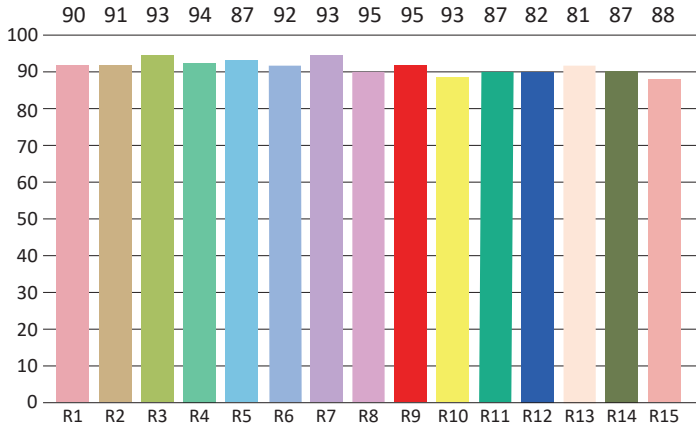


# QLUXF50001200LED9WD SERIES

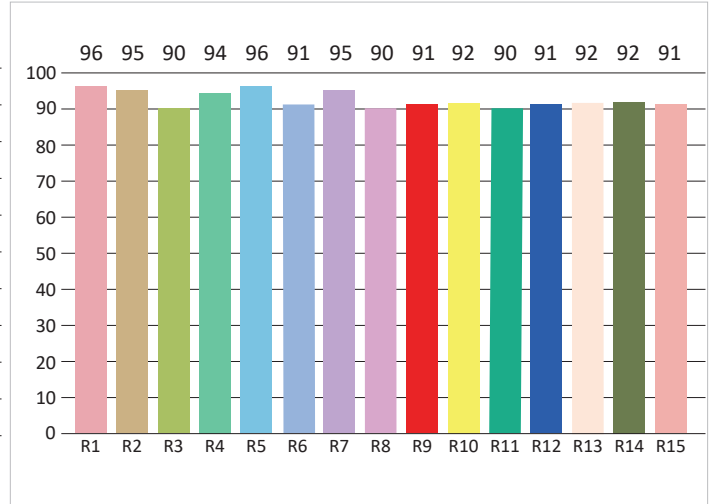
Dim to Warm LED Tape

## CRI TEST

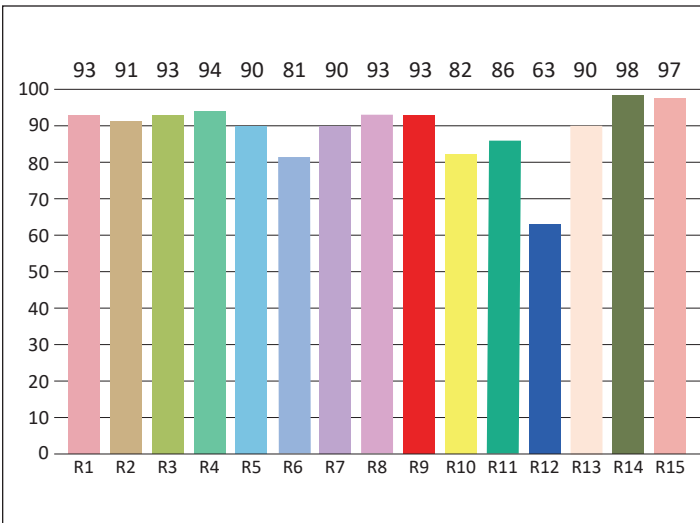
1800K



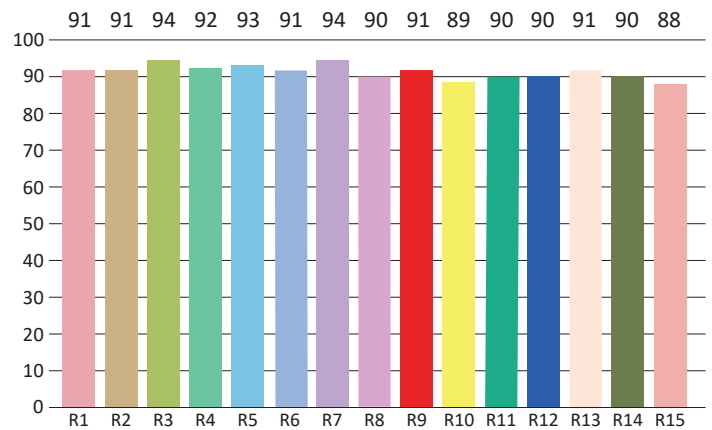
2700K



3000K



3200K

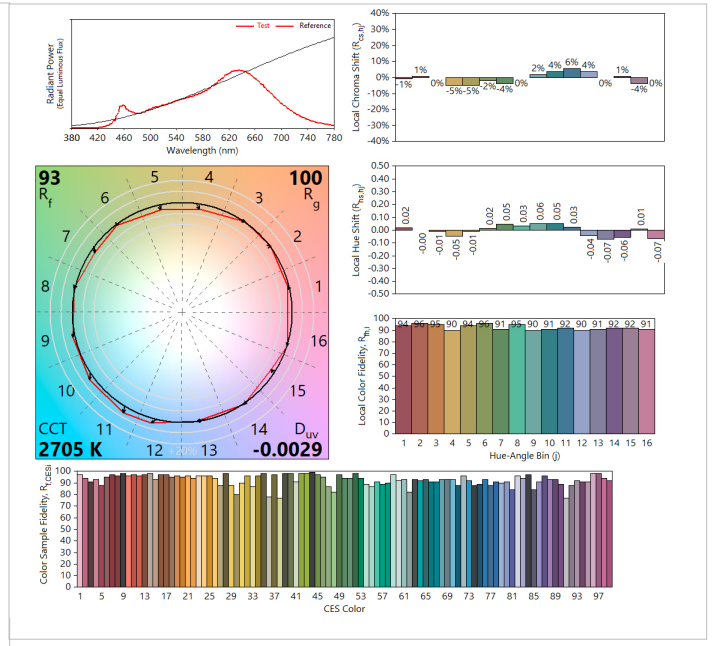
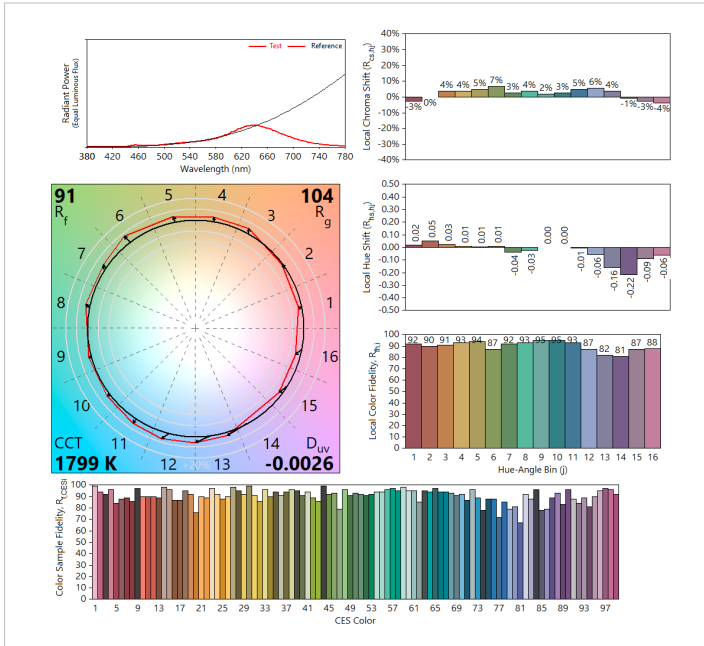


**QLUXF50001200LED9WD SERIES**  
Dim to Warm LED Tape

**TM-30 CHART**

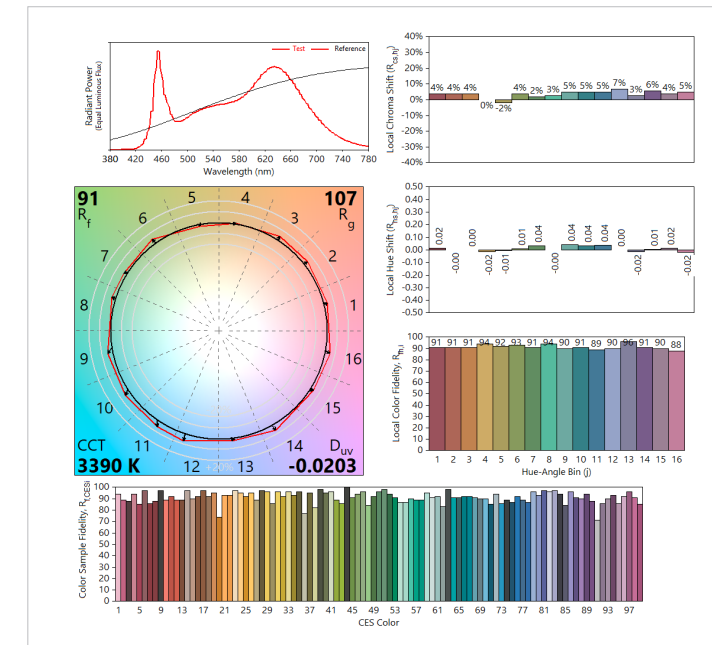
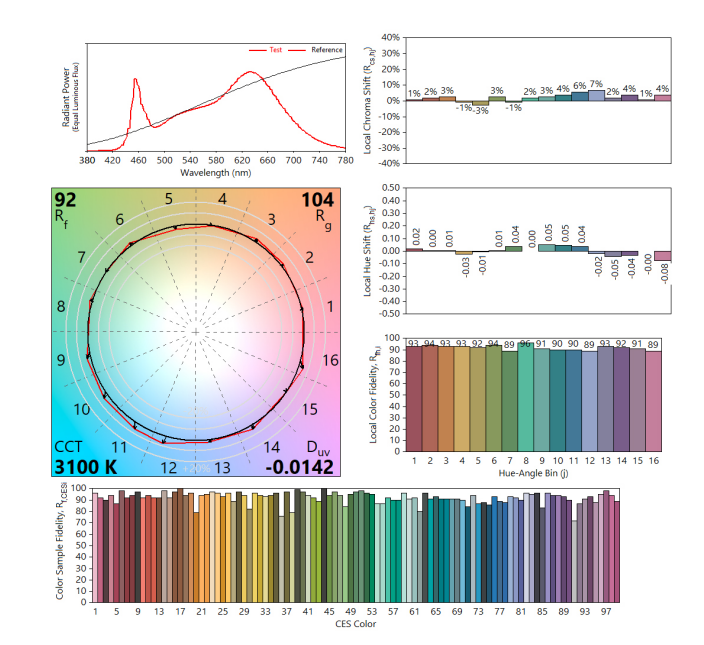
**1800K**

**2700K**



**3000K**

**3200K**



# QLUXF50001200LED9WD SERIES

Dim to Warm LED Tape

## CHARACTERISTICS

PARAMETER		RATED VALUE	UNIT
Forward Voltage DC	VF	24VDC	V
Forward Current	IF	220	mA/12"
Power	PD	5	W/12"
CRI	Ra	+95	/
Luminous Flux	Φ	375 lm	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	3200K dims to 1800K	K
LED Flux	LM	5lm/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
DS96W24VBR1UD-3002	24V Constant Voltage Driver

# QLUXF50001200LED9WD SERIES

Dim to Warm LED Tape

## LED TAPE CONNECTORS

MODEL NUMBER	DESCRIPTION	IMAGE
300-0035	Type "I" Tape to Tape connector	
300-0036	Type "I" PIN Tape to Power Connector with 6" wire	
300-0037	Type "I" 2 PIN Tape to Tape connector with 6" inch wire	
300-0038	Type "I" Tape to Tape screw connector	
300-0039	Type "L" Tape to Tape connector	

## MECHANICAL SPECS

