

QLUXF50001200LED9WD Series

Architectural Grade Dim to Warm LED Tape



CRI/R9	90+/50+
Dimming Range	3200K dims to 1800K
Lumens per foot	375 lm/ft
LED's per foot	72 LEDs/ft
Cut Lengths	51mm (2")
Watts per foot	5W/ft
Input Voltage	24V DC
Luminous Efficiency	75 lm/W
Tape width	0.4"(10mm)
Max. run	32F/10M



RoHS



- High CRI 90+ and high R9 50+, TM-30 100
- Dim to Warm built-in feature creating cozy ambiance
- UL Listed, Title 24 Compliant
- Maximum run length 32F/9M meters
- LM80 2835 LEDs
- Uniform, Linear light output

FEATURES

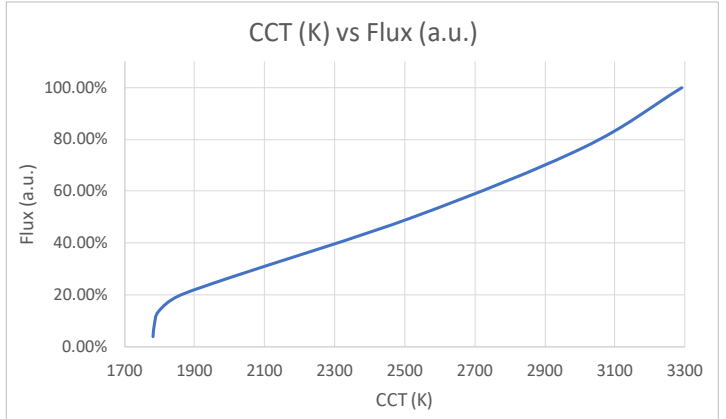
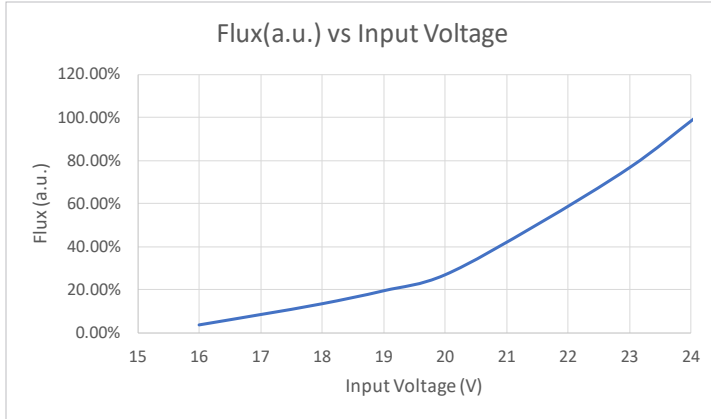
- IP rating available IP20
- Tight binning less than 3 MacAdam Ellipses
- UL Listed
- 50,000 hour rating
- Ideal for use with LTF UniDriver series 24V constant voltage LED drivers

MODEL SPECIFICATIONS

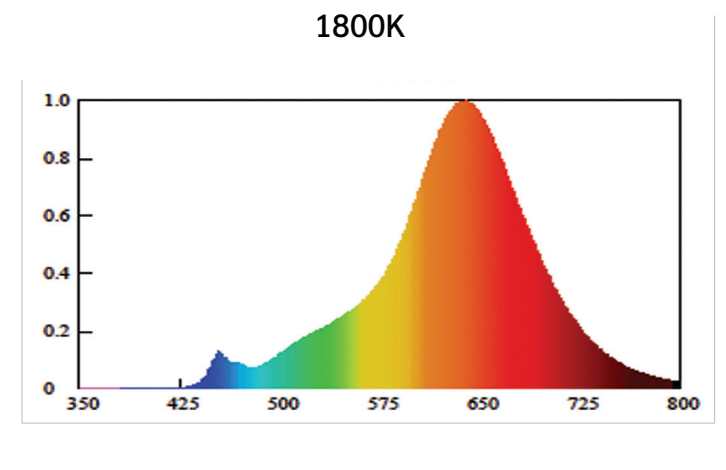
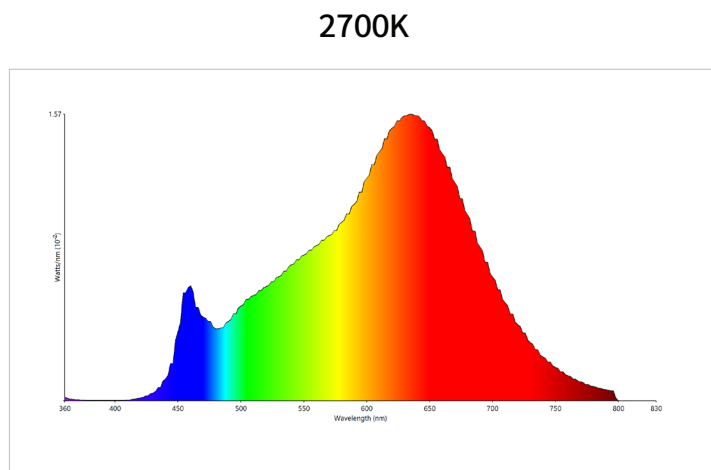
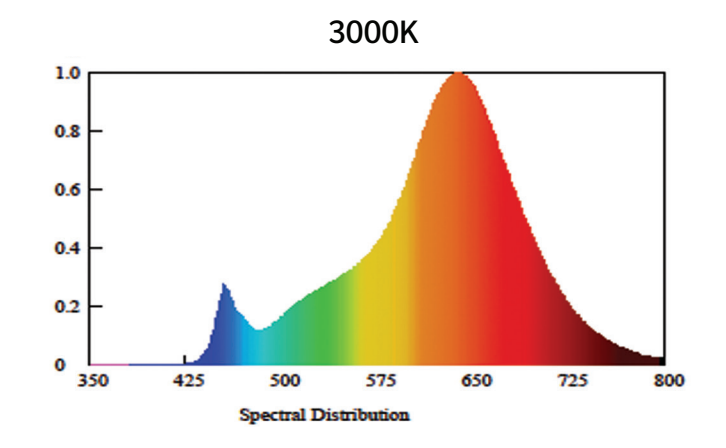
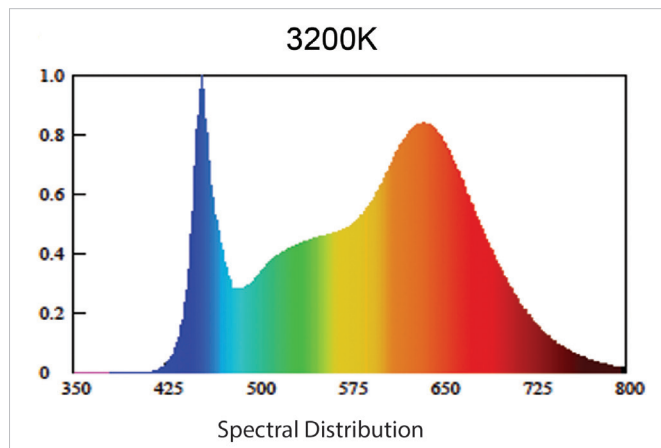
Model Number	Input Voltage	CCT	IP	lm/ft*	W/ft*	lm/W*	Reel Length
QLUXF50001200LED92718WD	24V DC	2700K to 1800K	IP20	350 lm/ft*	5W/ft*	70 lm/W	5m
QLUXF50001200LED93018WD		3000K to 1800K		360 lm/ft*	5W/ft*	72 lm/W	5m
QLUXF50001200LED93218WD		3200K to 1800K		375 lm/ft*	5W/ft*	75 lm/W	5m

*Measurements based on 24V input voltage

DIMMING CURVES

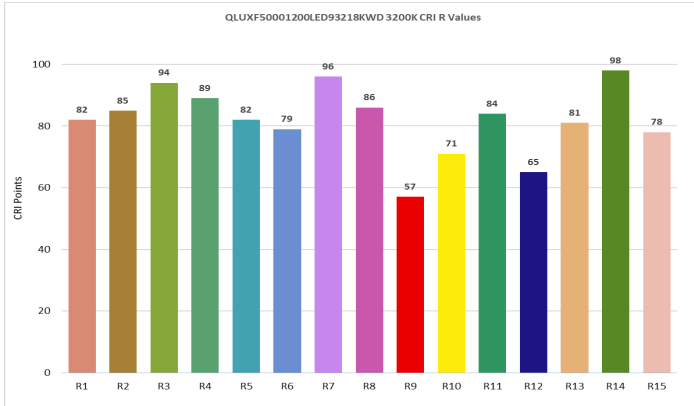


SPECTRORADIOMETRIC PARAMETERS

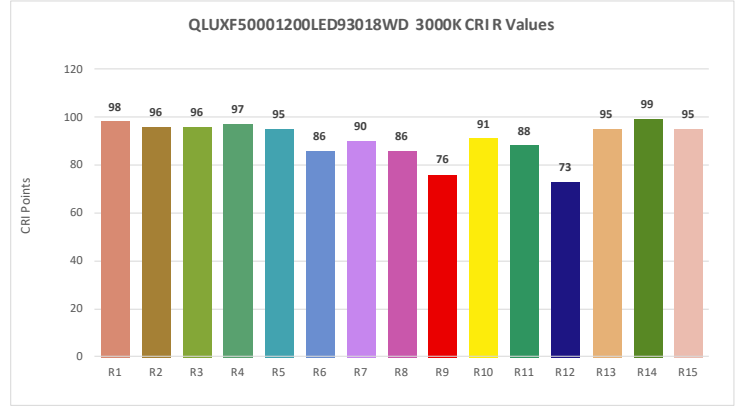


CRI TEST

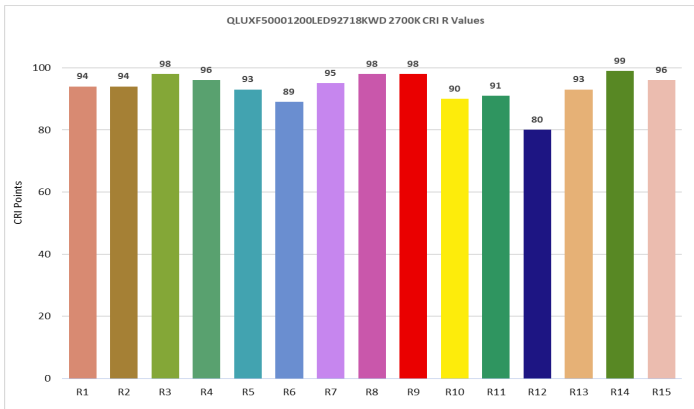
3200K



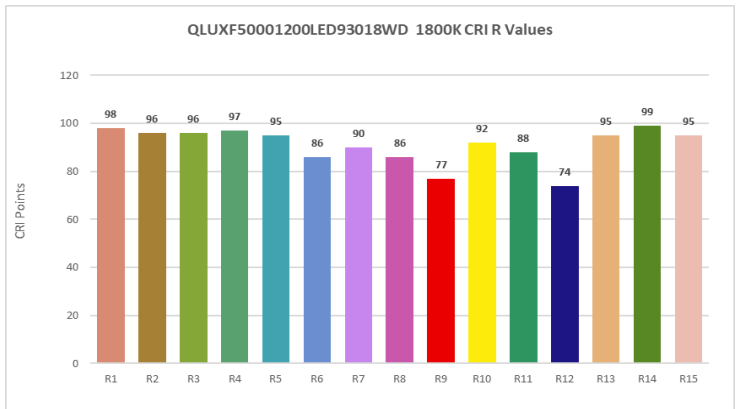
3000K



2700K

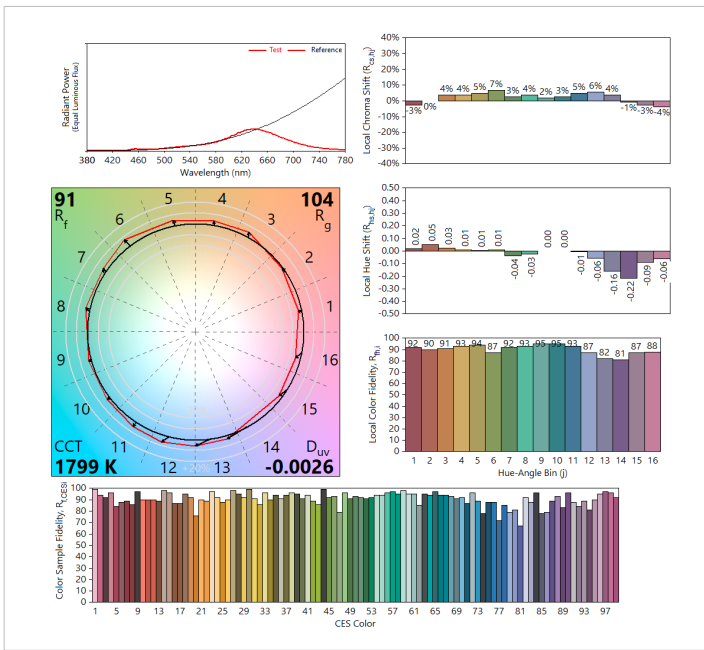


1800K

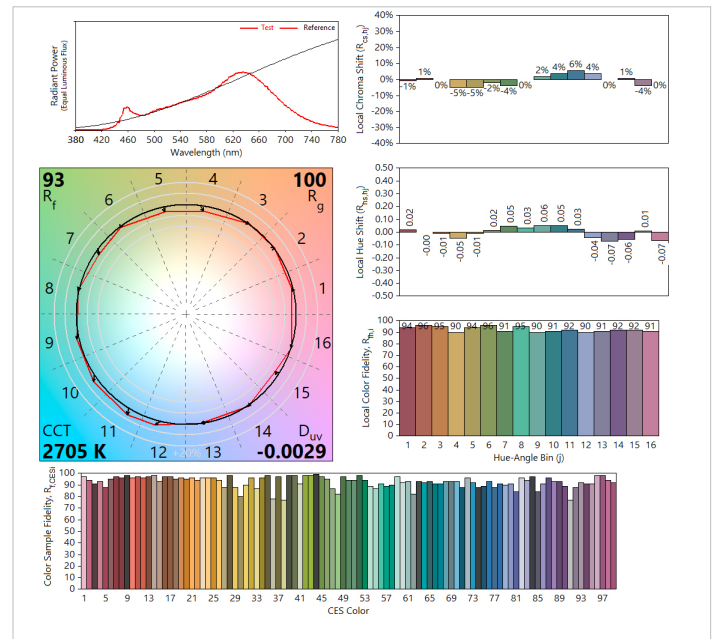


TM-30 CHART

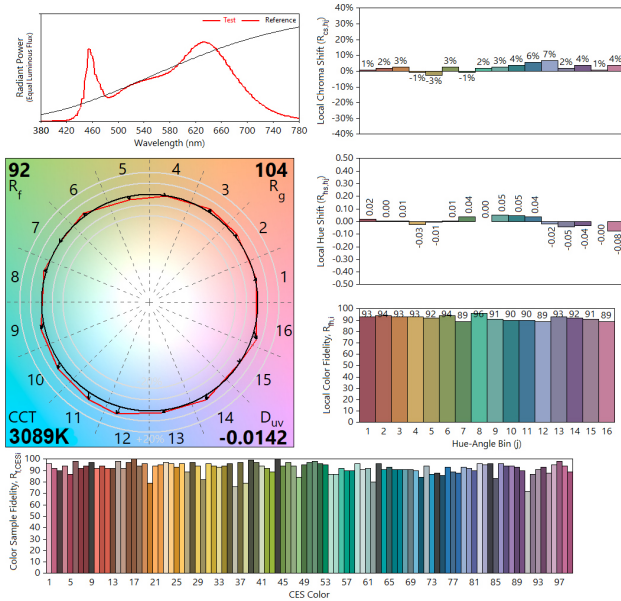
1800K



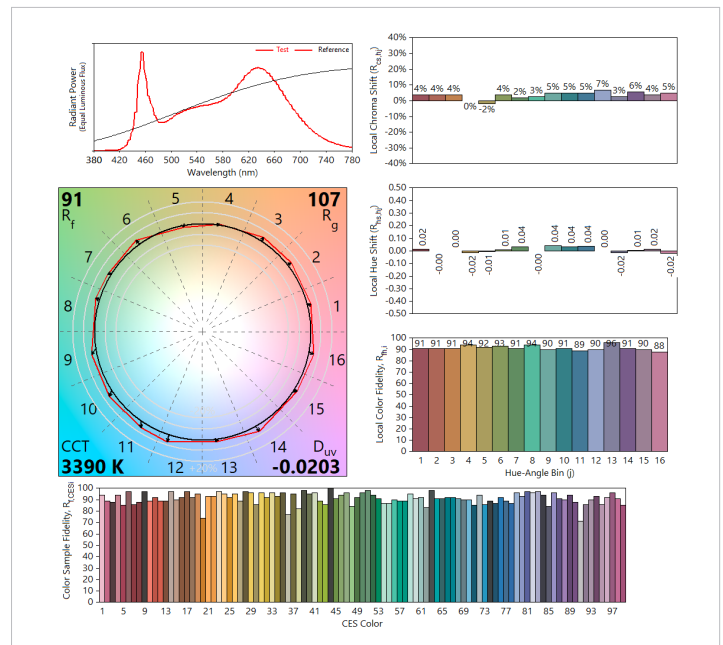
2700K



3000K



3200K



CHARACTERISTICS

PERAMETER		RATED VALUE	UNIT
Forward Voltage DC	VF	24VDC	V
Forward Current	IF	210 (avg)	mA/12"
Power	PD	7 (max)	W/12"
CRI	Ra	90+	/
Luminous Flux	Φ	360 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	8000	V
Junction Temperature	Tj	125	°C
IP Grade	IP	IP20 not waterproof	
LED Color Temperature	CCT	3200K dims to 1800K	K
LED Flux	LM	5 lm/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




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

For tape lengths less than full 5M reel, use appropriate LTF 24V drivers to match tape load power rating under worse scenarios.

LED TAPE CONNECTORS

MODEL NUMBER	DESCRIPTION	
300-0035	Type "I" Tape to Tape snap connector	
300-0036	Type "I" 2 PIN Tape to Power snap connector with 6" inch wire	
300-0037	Type "I" 2 PIN Tape to Tape snap connector with 6" inch wire	

MECHANICAL SPECS

