

QLUXF50001200LED9WD Series

Architectural Grade Dim to Warm LED Tape



CRI / R9	95+/90+
Lumens per foot	325lm/ft
LEDs per foot	72 LEDs/ft
Cut Lengths	2"(51mm)
Watts per foot	7W/ft
Input Voltage	24V DC
Luminous Efficiency	70lm/W
Tape Width	0.4"(10mm)



RoHS



FEATURES

- High CRI >95 and high R9 >90, TLCI-2012 95
- Dim to Warm built-in feature creating cozy ambiance
- UL Listed, 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

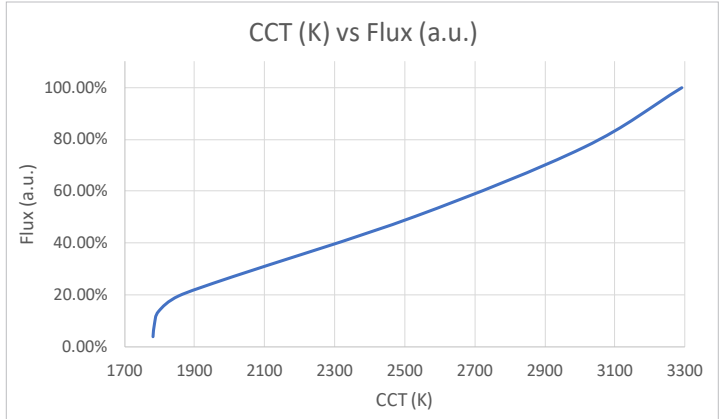
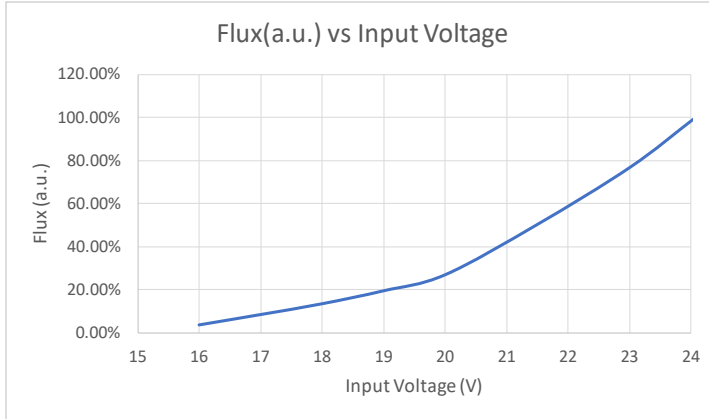
Model Number	Input Voltage	CCT	IP	lm/m*	W/m*	lm/W*	Reel Length
QLUXF50001200LED92718WD	24V DC	2700K to 1800K	IP20	1039lm/m*	23W/m*	65lm/W	5m
QLUXF50001200LED93018WD		3000K to 1800K		1150lm/m*	23W/m*	71lm/W	5m
QLUXF50001200LED93218WD		3200K to 1800K		1100lm/m*	23W/m*	70lm/W	5m

*Measurements based on 24V input voltage

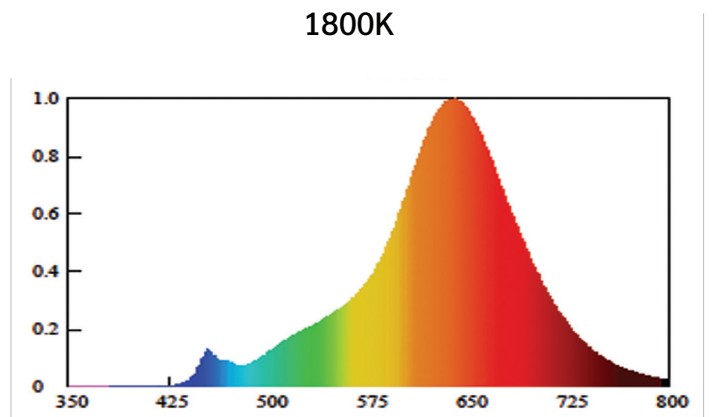
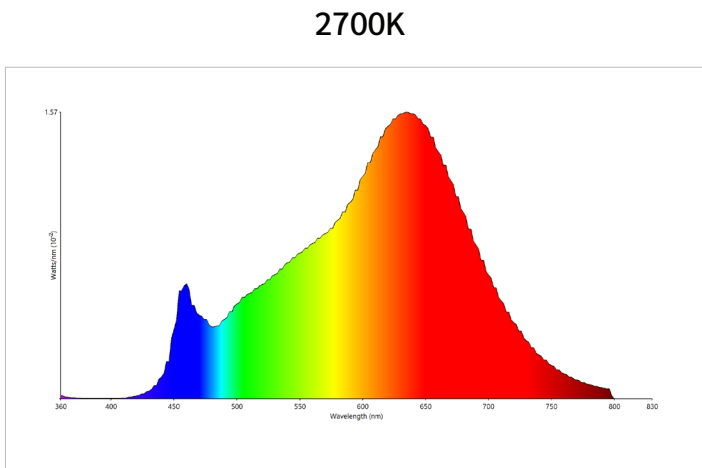
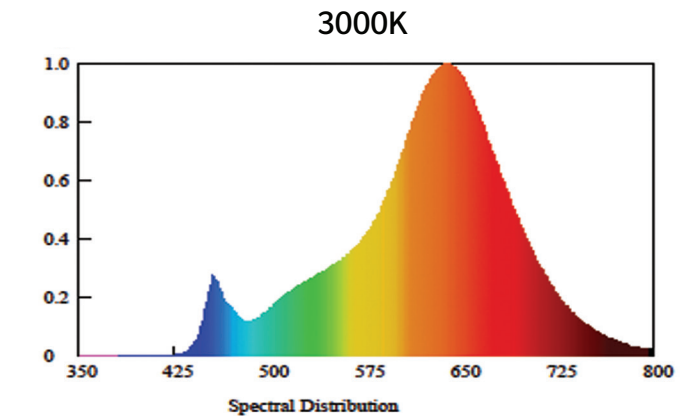
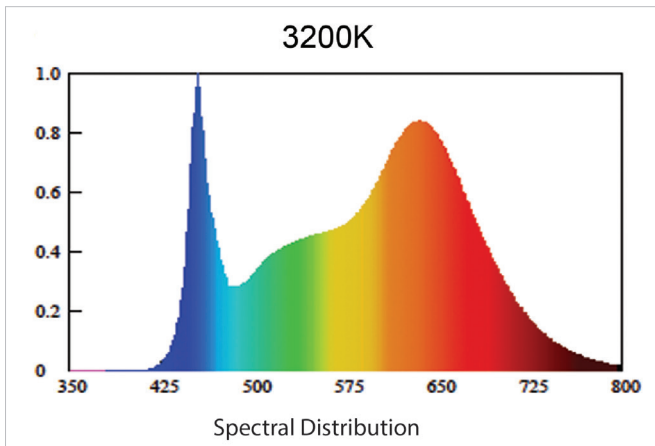
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DIMMING CURVES



SPECTRORADIOMETRIC PARAMETERS

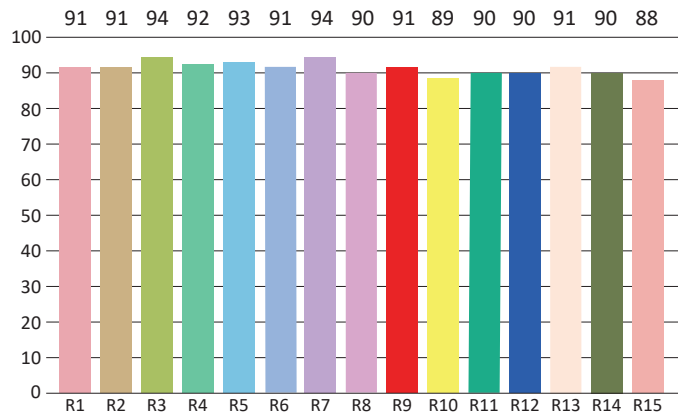


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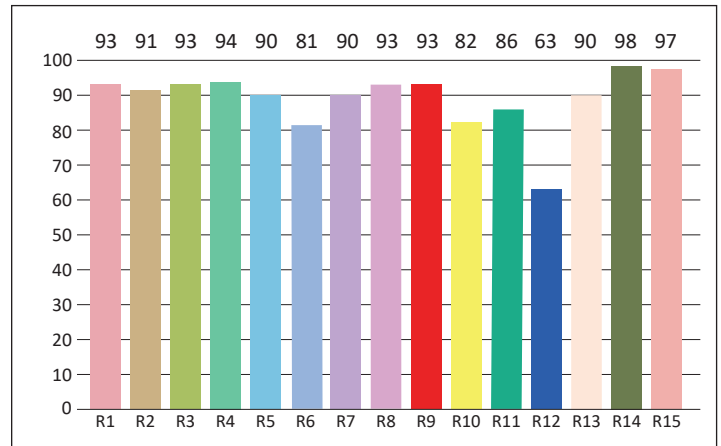
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CRI TEST

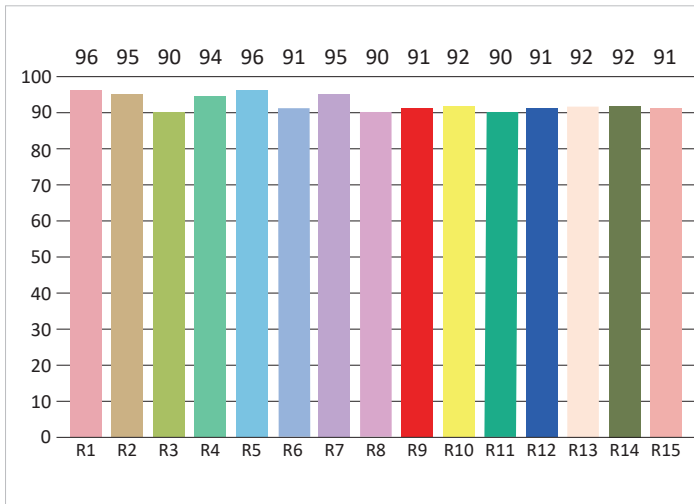
3200K



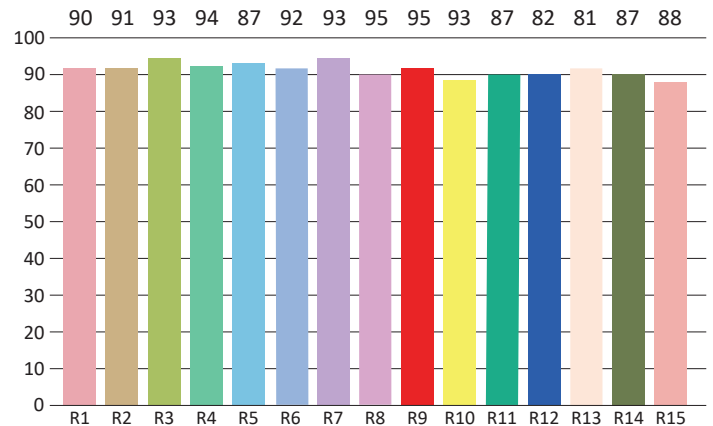
3000K



2700K



1800K

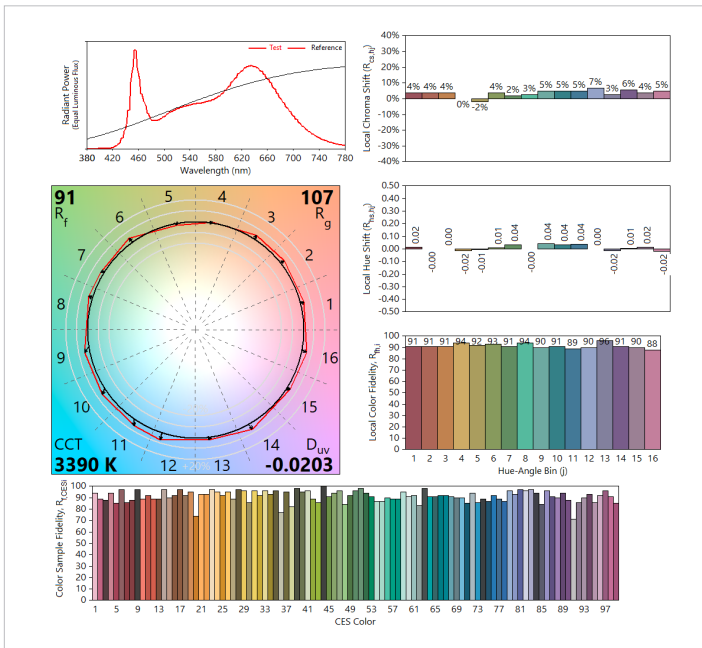


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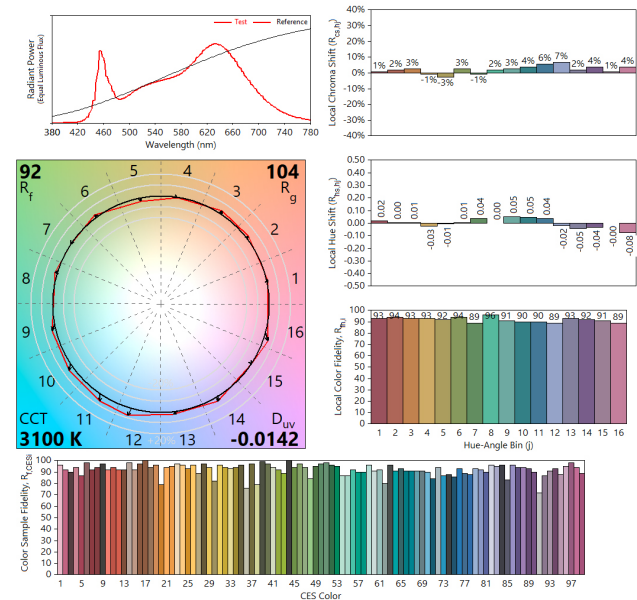
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TM-30 CHART

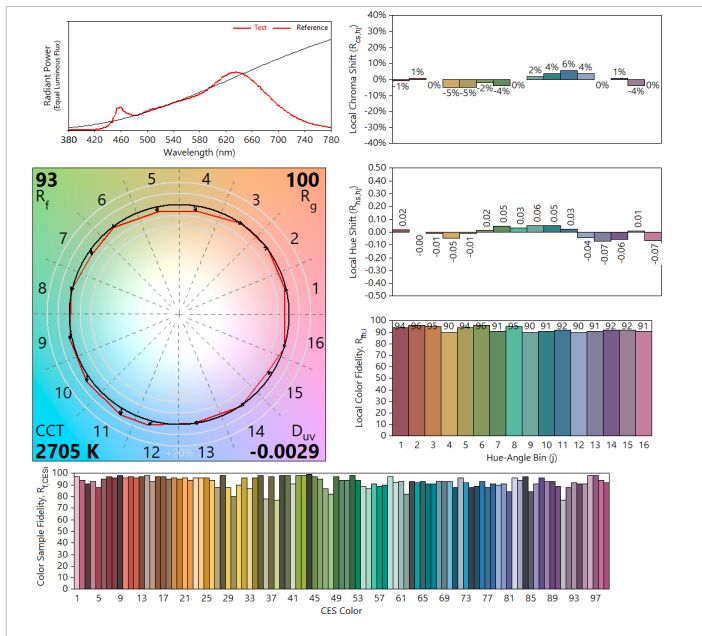
3200K



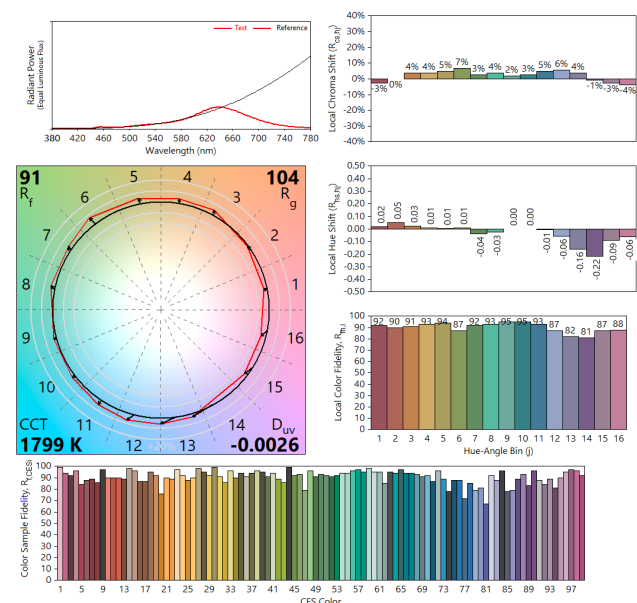
3000K



2700K



1800K



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CHARACTERISTICS

PERAMETER		RATED VALUE	UNIT
Forward Voltage DC	VF	24VDC	V
Forward Current	IF	220	mA/12"
Power	PD	7	W/12"
CRI	Ra	+95	/
Luminous Flux	Φ	324 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

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.

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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	
300-0038	Type "I" Tape to Tape screw connector	
300-0039	Type "L" Tape to Tape screw connector	

MECHANICAL SPECS

