

QLUXDOBxR7510W42LED9xKCS SERIES

Dimmable 10W Round OD 74mm

QLUX™ DOB



Wattage	10W
Input	120V AC or 220V AC
Power Factor	0.97
CRI/R9	90+/50+
CCT Switchable	2700K/3000K or 2700K/2200K
Custom CCT	Available
Size	ø2.9”(74mm)
Dimming	ELV, TRIAC
Beam Angle	160°



FEATURES

- Meets and exceeds California Title 24 & IEEE 1789 flicker standards.
- AC line voltage driver on board module; no external drivers or transformers required
- High efficiency lumen output: >81lm/W, TLCI-2012 89
- Smooth dimming with ELV & TRIAC dimmers
- 120V AC input
- LM-80 compliant LEDs
- High color rendering index (CRI) >90+
- Tight binning 3 step mac adams ellipses
- Low flicker <30%

- Low heat generation, easy thermal management
- L70>50,000 hours
- Extendable, CCT switchable

APPLICATIONS

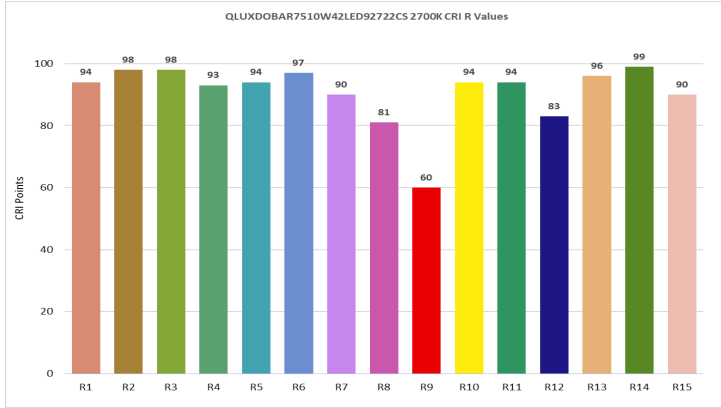
- New or retrofit OEM fixtures
- Indoor or outdoor applications
- Architectural and commercial
- Flush mount and recessed fixtures

MODEL SPECIFICATIONS

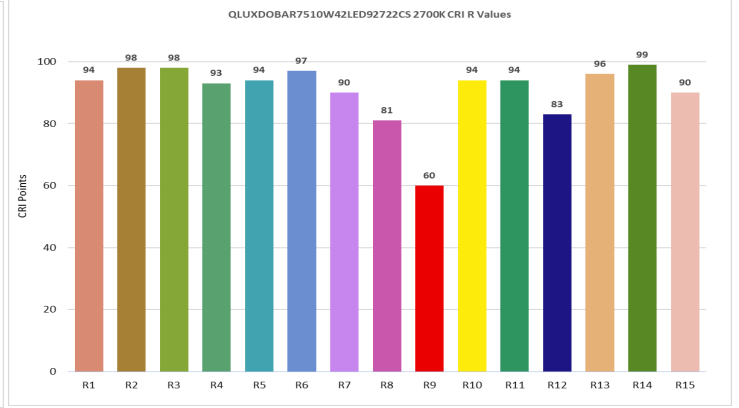
Model Number	Input	Wattage	CCT ¹ /Lumens	CCT ² /Lumens	Dimensions
QLUXDOBAR7510W42LED93027KCS	120V AC 50/60Hz	10W	3000K/820lm	2700K/780lm	ø2.9”(74mm)
QLUXDOBAR7510W42LED92722KCS		10W	2700K/700lm	2200K/660lm	ø2.9”(74mm)
QLUXDOBUR7510W44LED93027KCS	220V AC 50/60Hz	10W	3000K/820lm	2700K/780lm	ø2.9”(74mm)
QLUXDOBUR7510W44LED92722KCS		10W	2700K/680lm	2200K/640lm	ø2.9”(74mm)

CRI TEST

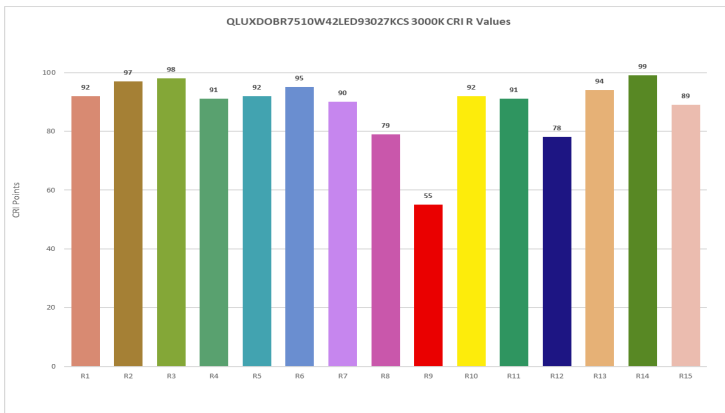
120V/220V 2200K



120V/220V 2700K

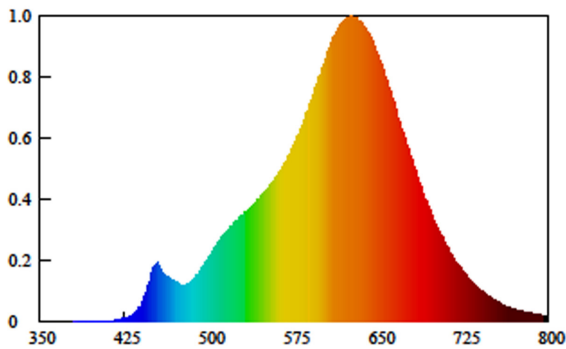


120V/220V 3000K

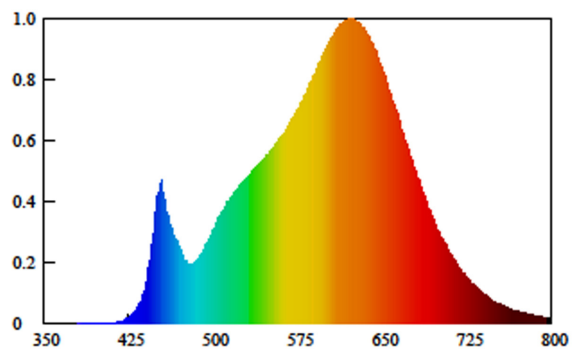


SPECTRORADIOMETRIC PARAMETERS

120V/220V 2200K

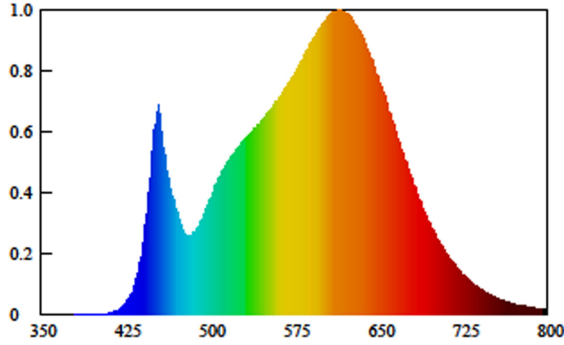


120V/220V 2700K



SPECTRORADIOMETRIC PARAMETERS

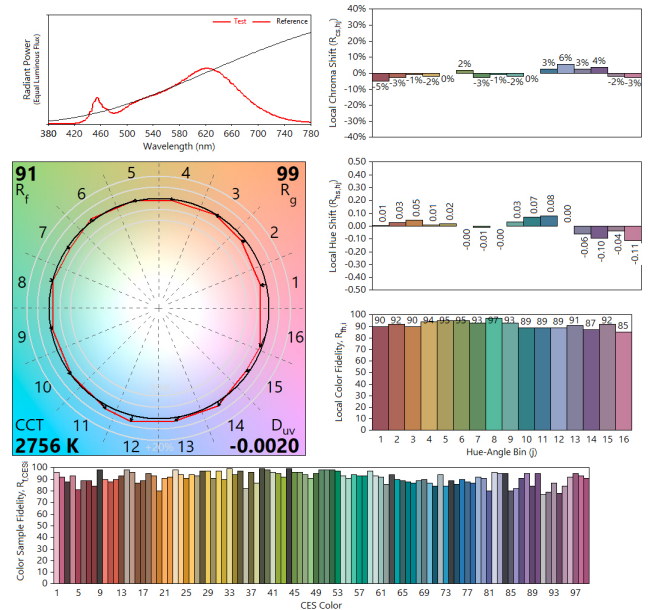
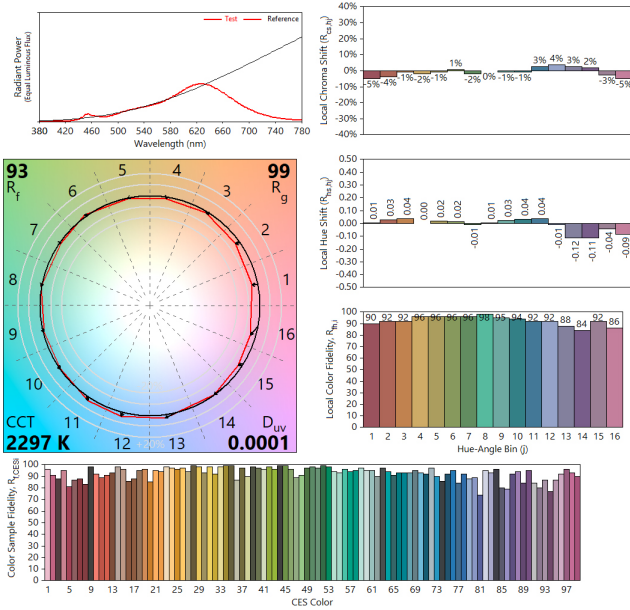
120V/220V 3000K



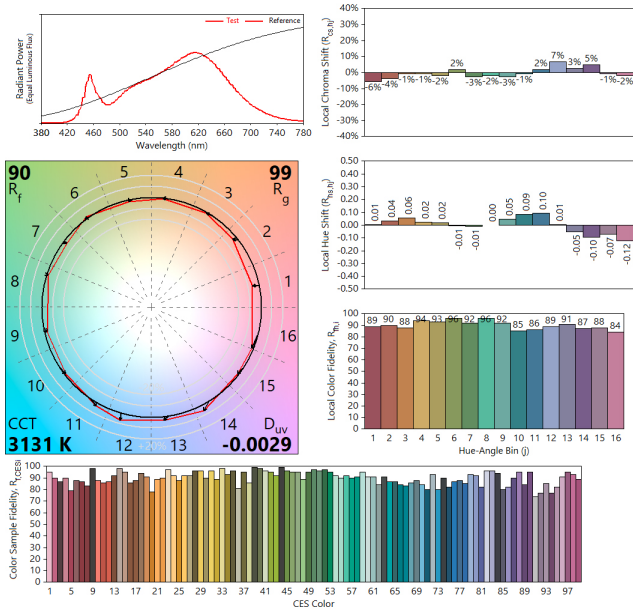
TM30 CHART

120V/220V 2200K

120V/220V 2700K



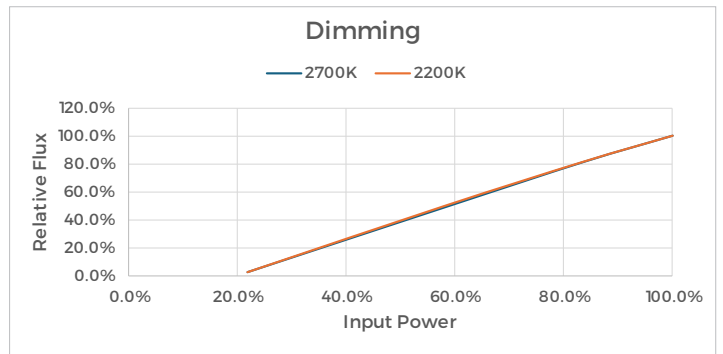
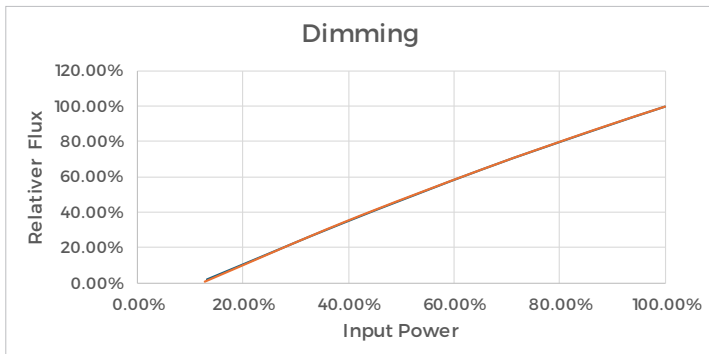
120V/220V 3000K



DIMMING CURVES

120V

220V



Tested with phase cutting dimmers

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Parameter	Symbol	Value	Unit
Voltage	V in	132 or 240	Vac
Operating Temperature	---	-35~+50	°C
LED Solder Point Temperature	Ts	110	°C
Storage Temperature	Tstg	-40~+100	°C
ESD Sensitivity (HBM)	---	±4000	V
Surge	---	2500	Vac

MECHANICAL SPECS

