

# QLUXDOBAL13510W42LED9KCS Series

## DOB AC LED Boards

QLUX™ DOB



Wattage	10W
Input	120V AC
CRI	>0.90
CCT Switchable	3000K/2700K/2200K
Custom CCT	Available
Size	134.8 x 50.5
Dimming	ELV, TRIAC
Power Factor	0.97
Beam Angle	160°



- Exceeds California Title 24 & JA8 requirements
- AC line voltage driver on board module; no external drivers or transformers required
- High efficiency lumen output: >81 lm/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 heat generation, easy thermal management

### FEATURES

- L70>60,000 hours
- Extendable, CCT switchable

### APPLICATIONS

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

### ACCESSORIES

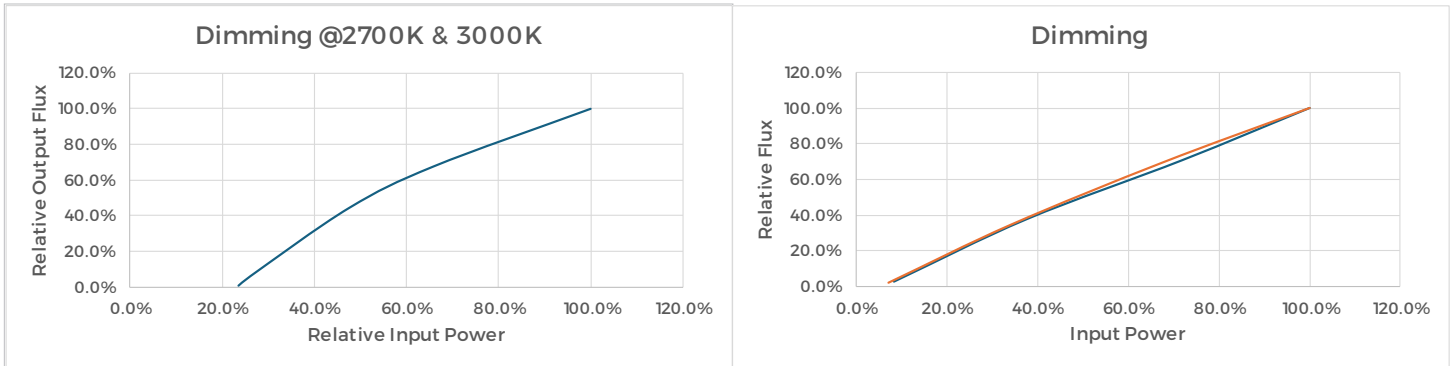
\* PCB Cover #310-00060, Please see on page 5



### MODEL SPECIFICATIONS

Model Number	Input	Wattage	CCT	Lumens	Dimensions
QLUXDOBAL13510W42LED92722KCS	120V AC 50/60Hz	10W	2200K	780 lm	134.8mm(5.3") x 50.5mm(2")
QLUXDOBAL13510W42LED92722KCS		10W	2700K	820 lm	
QLUXDOBAL13510W42LED93027KCS		10W	2700K	780 lm	
QLUXDOBAL13510W42LED93027KCS		10W	3000K	820 lm	

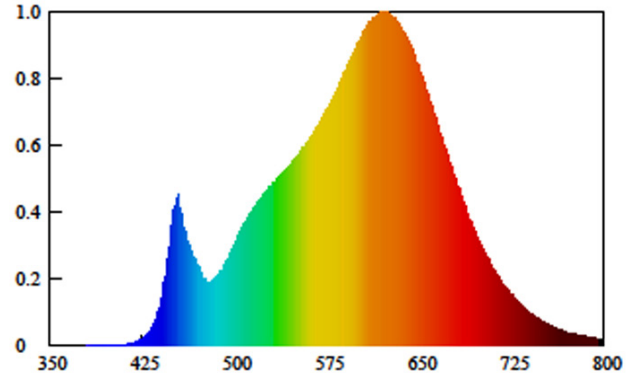
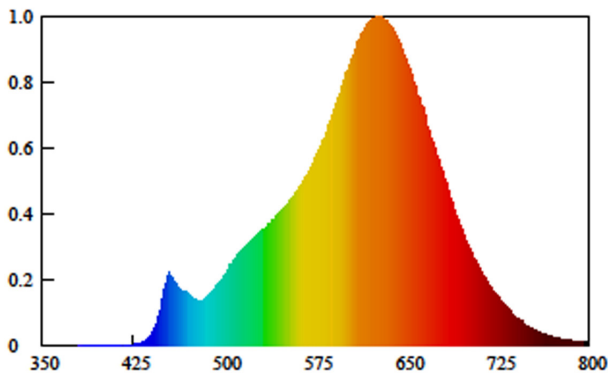
**DIMMING CURVES**



**SPECTRORADIOMETRIC CHARACTERISTICS (QLUXDOBAL135010W42LED92722KCS)**

**2200K**

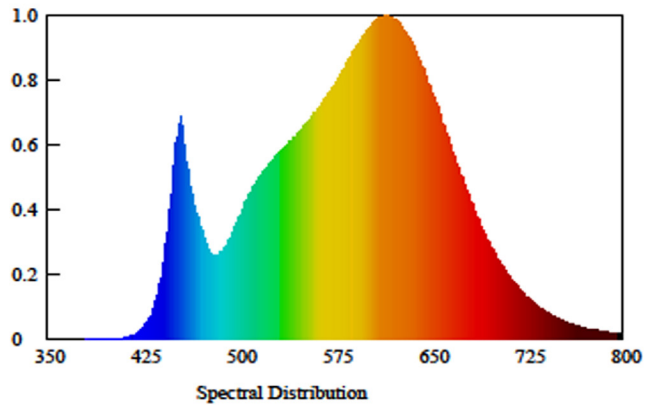
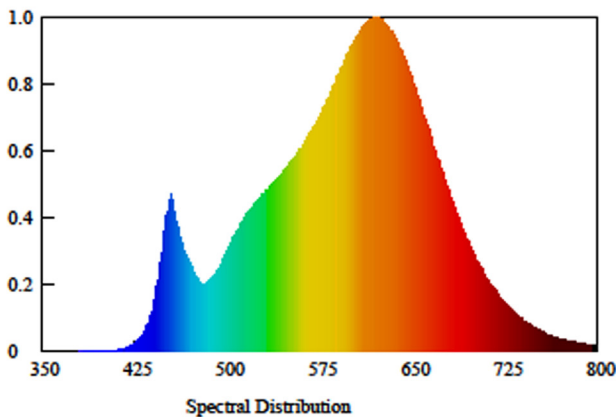
**2700K**



**SPECTRORADIOMETRIC CHARACTERISTICS (QLUXDOBAL135010W42LED93027KCS)**

**Spectroradiometric Parameters**

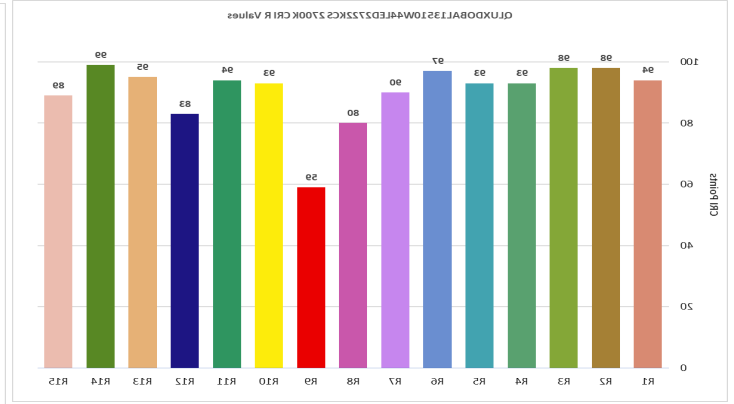
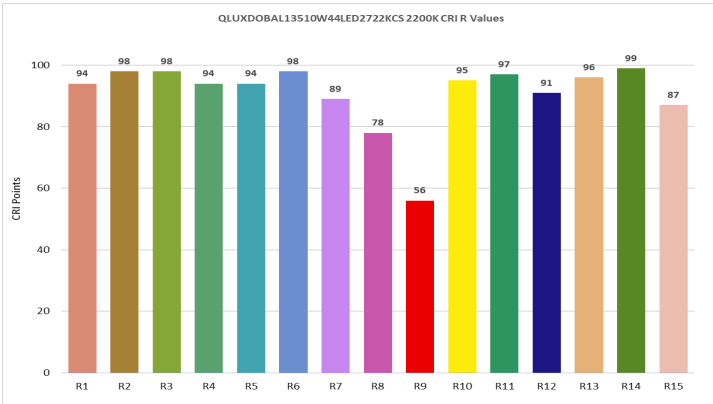
**Spectroradiometric Parameters**



**CRI TEST (QLUXDOBAL135010W42LED92722KCS)**

**2200K**

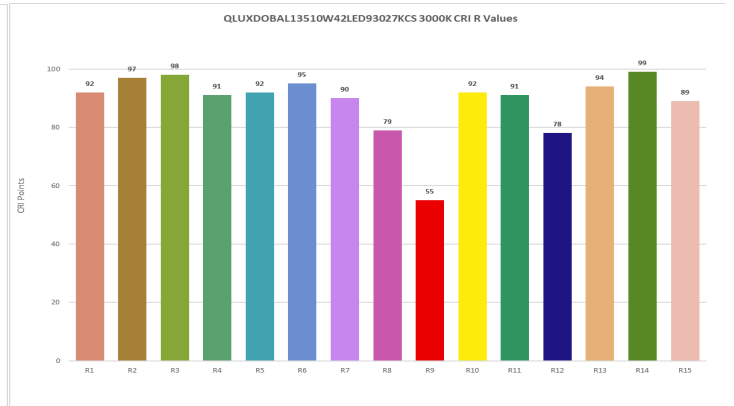
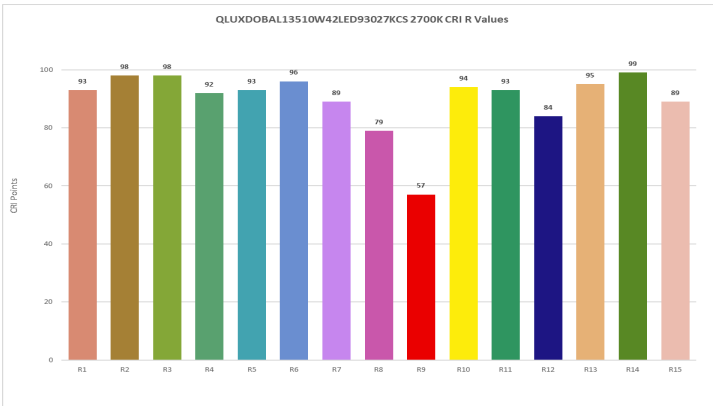
**2700K**



**CRI TEST (QLUXDOBAL135010W42LED93027KCS)**

**2700K**

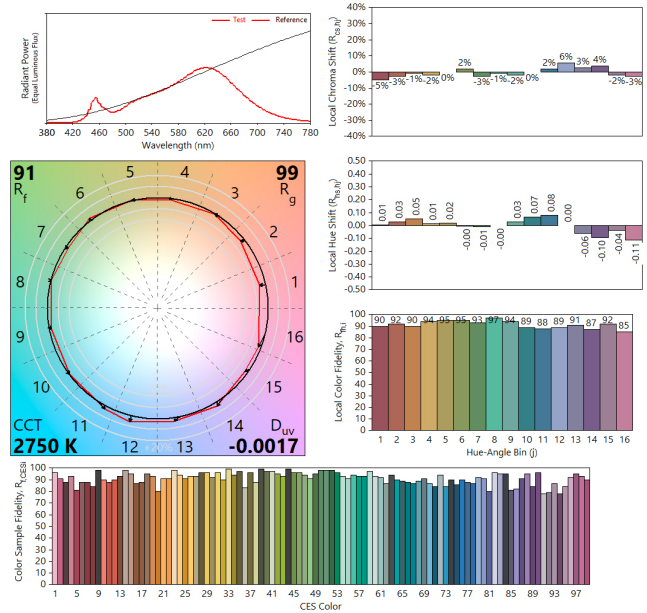
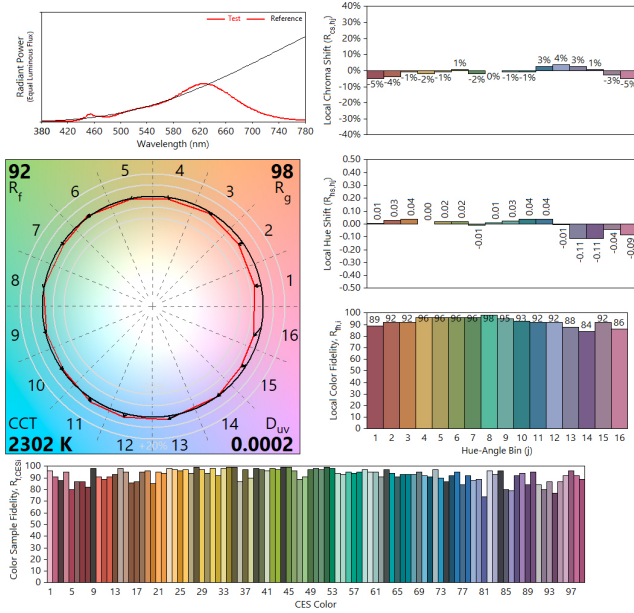
**3000K**



**TM-30 CHART (QLUXDOBAL135010W42LED92722KCS)**

**2200K**

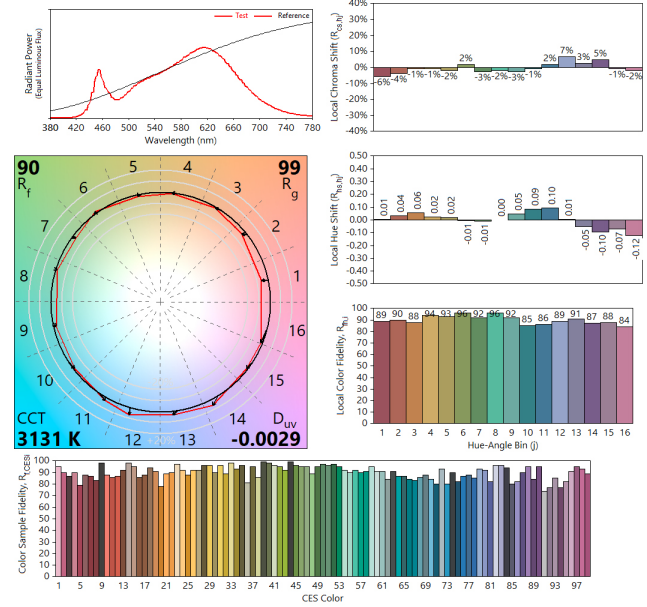
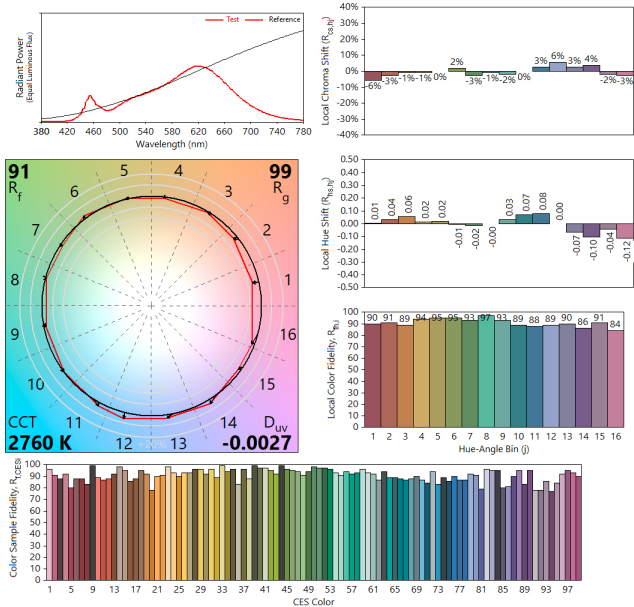
**2700K**



**TM-30 CHART (QLUXDOBAL135010W42LED93027KCS)**

**2700K**

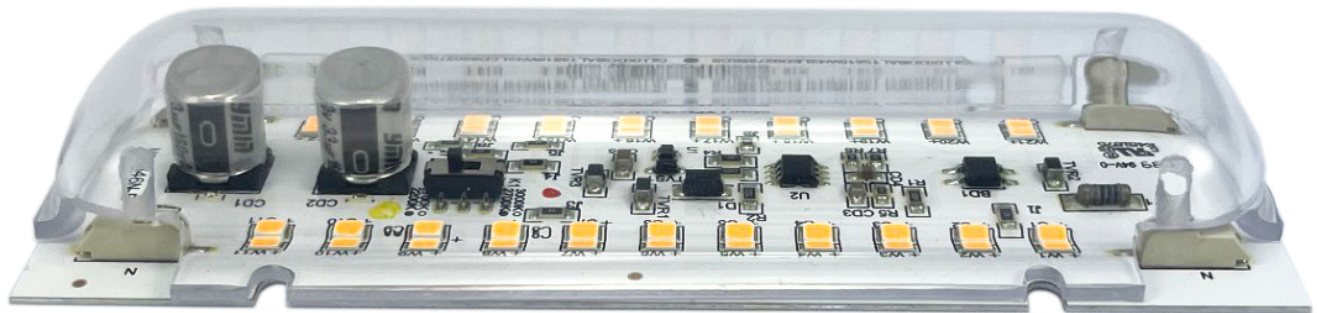
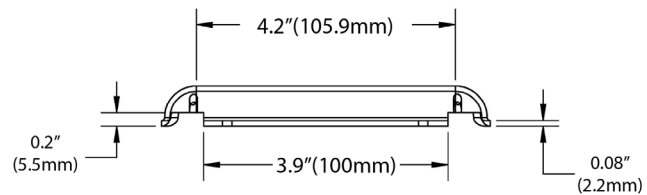
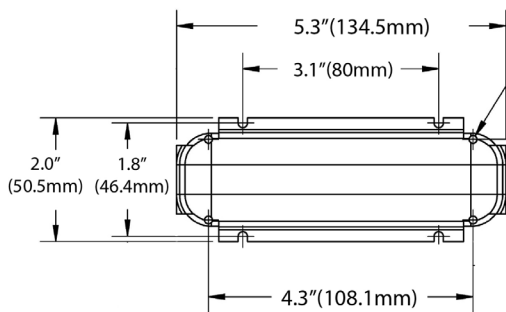
**3000K**



**ABSOLUTE MAXIMUM RATINGS (Ta=25°C)**

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

**\* ACCESSORIES (PCB Cover)**



### MECHANICAL SPECS

