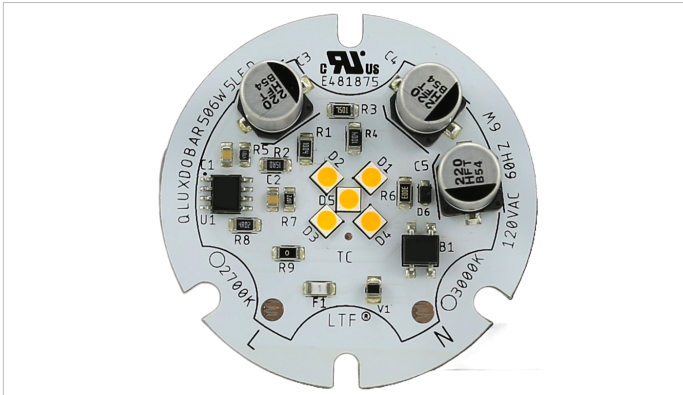


QLUXDOBAR506W5LED9 Series

AC Line Voltage LED Board

QLUX™ DOB



Wattage	6W
Input	120V AC, 50/60Hz
CRI/R9	90+/55+
CCT Options	2700K, 3000K
Custom CCT	Available
Size	50 mm (OD)
Dimming	ELV, TRIAC
Beam Angle	160°



RoHS



- Exceeds California Title 24 requirements
- AC line voltage driver on board module; no external drivers or transformers required
- High efficiency lumen output: >84 lm/W, TLCI-2012
- Smooth dimming with ELV & TRIAC dimmers
- LM-80 compliant LEDs
- High color rendering index (CRI) 90+/R9 55 +
- Tight binning 3 step mac adams ellipses
- Low heat generation, easy thermal management
- L70>60,000 hours

FEATURES

APPLICATIONS

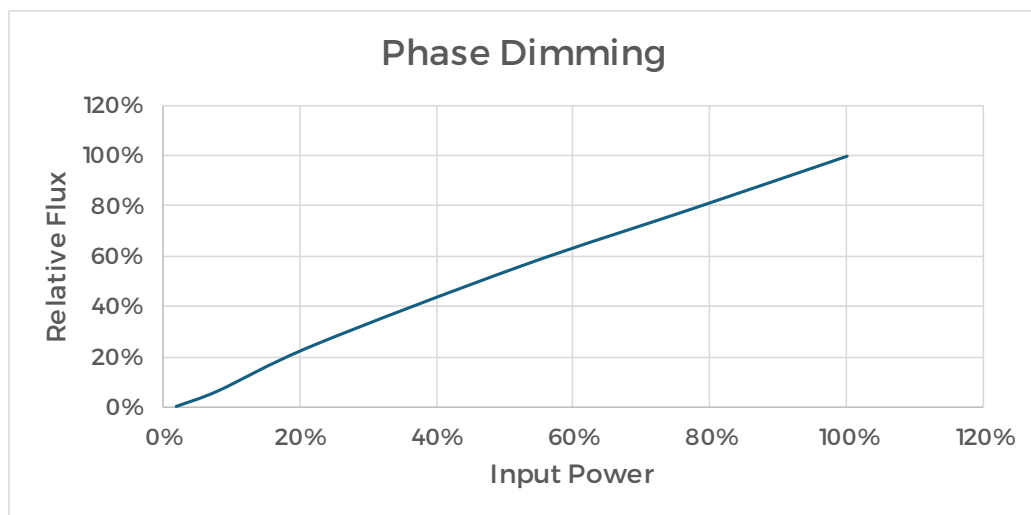
- New or retrofit OEM fixtures
- Indoor or outdoor applications
- Architectural and commercial
- Flush mount and recessed fixtures



MODEL SPECIFICATIONS

Model Number	Input	Wattage	CCT	Lumens
QLUXDOBAR506W5LED927K	120V AC, 50/60Hz	6W	2700K	500 lm
QLUXDOBAR506W5LED930K		6W	3000K	540 lm

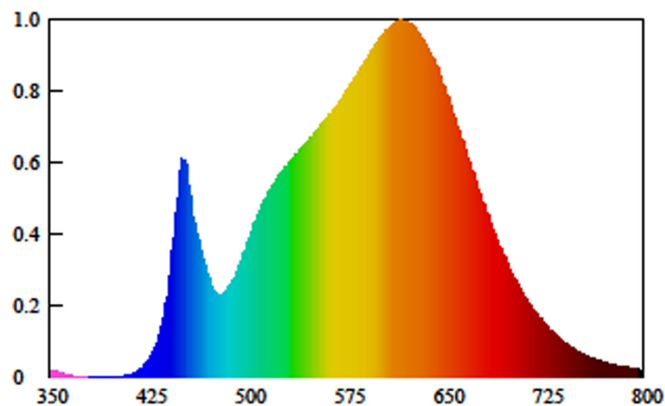
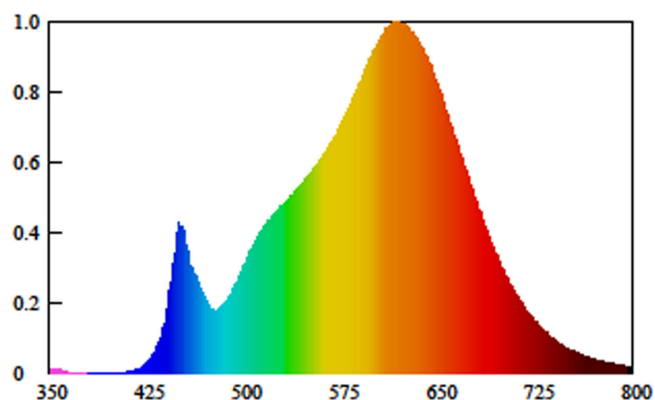
DIMMING CURVES



SPECTRORADIOMETRIC CHARACTERISTICS

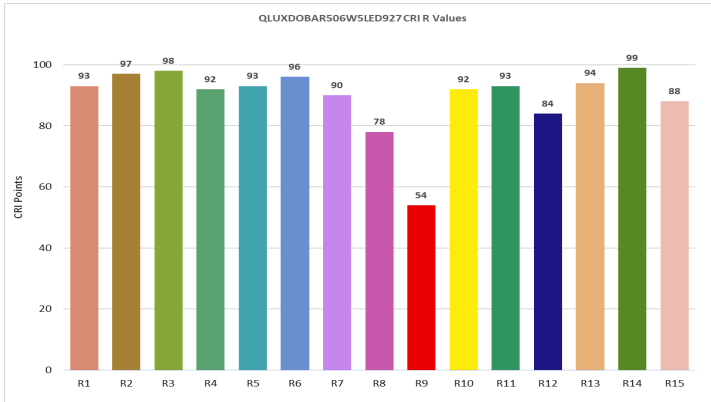
2700K

3000K

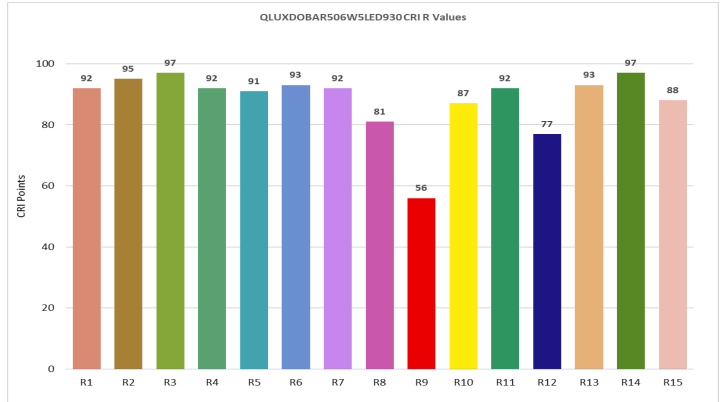


CRI TEST

2700K

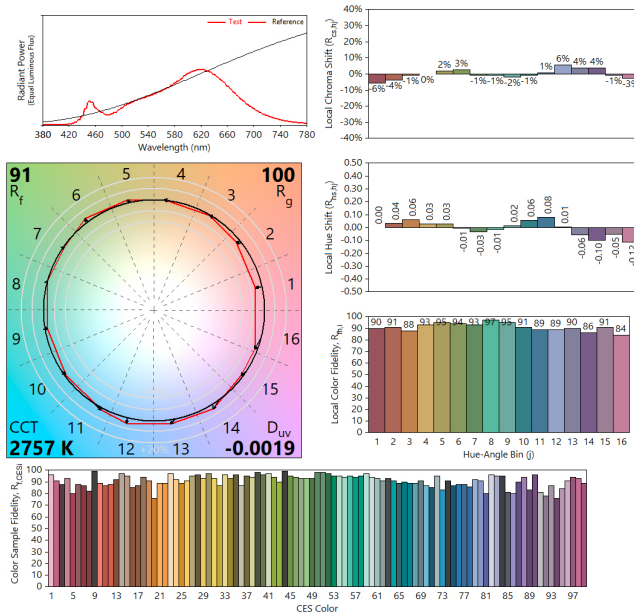


3000K

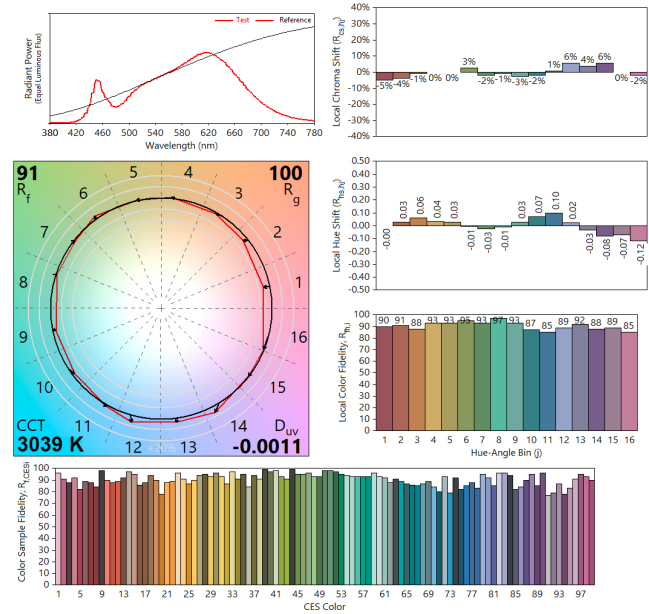


TM30 CHART

2700K



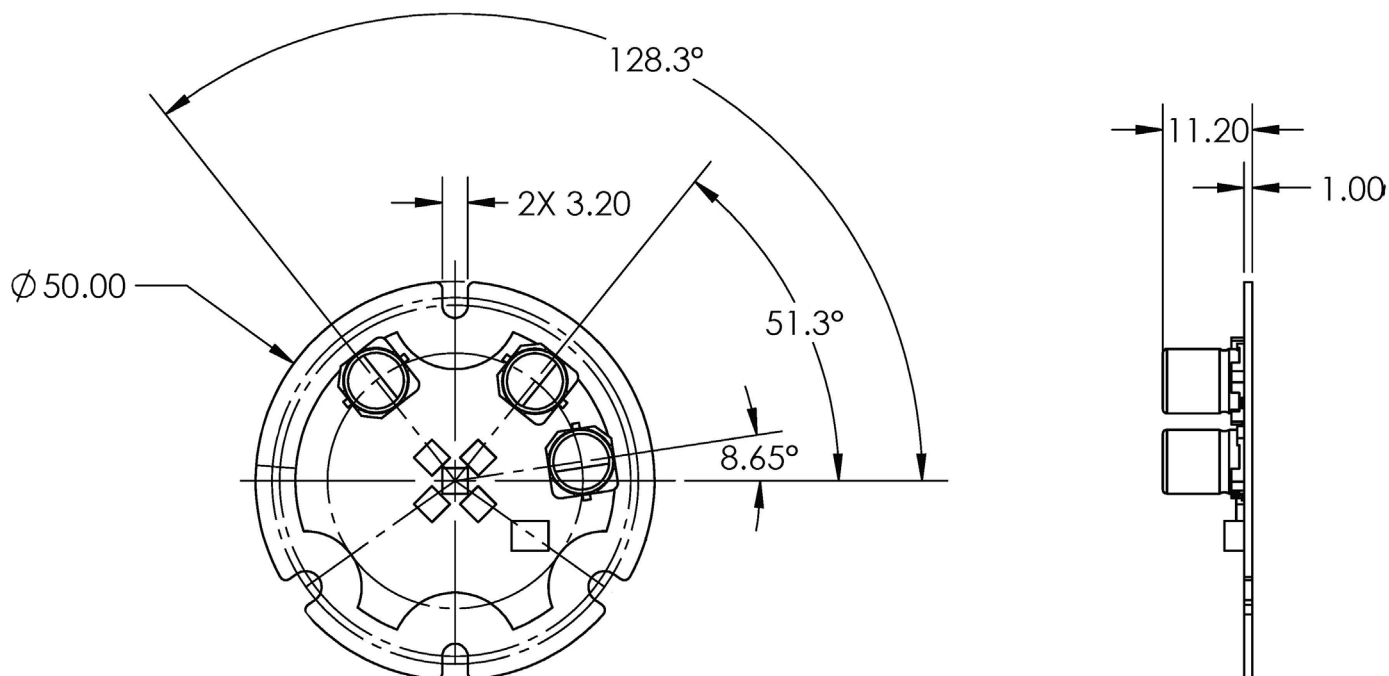
3000K



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Parameter	Symbol	Value	Unit
Voltage	V in	132	Vac
Operating Temperature	---	-35~+50	°C
LED Solder Temperature	Ts	90°C	°C
Storage Temperature	Tstg	-40~+100	°C
ESD Sensitivity (HBM)	---	±4000	V
Surge	---	2500	Vac

MECHANICAL SPECS



ACCESORIES

2700K

Model Number	Wattage	Input Voltage	Input Current	CCT	Lumen	Beam Angle	Lens Shape	Module Color
QLUXM6W120V927K24W	6W	120V AC	58mA	2700K	450 lm	24°	Flat	White
QLUXM6W120V927K36W		120V AC	58mA	2700K	450 lm	36°	Flat	White
QLUXM6W120V927K60W		120V AC	58mA	2700K	450 lm	60°	Flat	White
QLUXM6W120V927K180FW		120V AC	58mA	2700K	400 lm	180°	Ball	Frosted

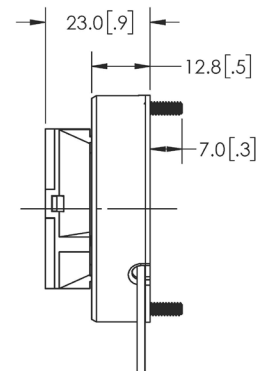
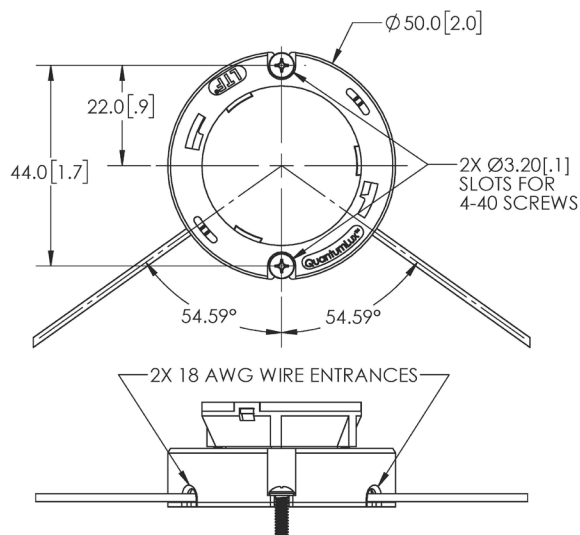
3000K

Model Number	Wattage	Input Voltage	Input Current	CCT	Lumen	Beam Angle	Lens Shape	Module Color
QLUXM6W120V930K24W	6W	120V AC	58mA	3000K	480 lm	24°	Flat	White
QLUXM6W120V930K36W		120V AC	58mA	3000K	480 lm	36°	Flat	White
QLUXM6W120V930K60W		120V AC	58mA	3000K	480 lm	60°	Flat	White
QLUXM6W120V930K180FW		120V AC	58mA	3000K	440 lm	180°	Ball	Frosted

ACCESORIES

Form Factor	Module Dimensions
Flat Lens	Ø2"(50mm) x 0.9"(23mm)
Ball Lens	Ø2"(50mm) x 1.2"(30.6mm)

Flat Lens



Ball Lens

