

QLUXCOBI151293220WD
15 x 12 Dim to Warm COB

QLUX COB



Typical Lumens	1100lm
Typical Wattage	12W
CRI	94+
R9	90+
CCT Range	3200K - 2000K
Dimming	CCR (constant current reduction)



QLUX COB mimics the color shift of an incandescent source during dimming by a single phase dimmer. Also available in line voltage models.

FEATURES

- Precise light output with no additional need for complicated control system or multiple optics
- Dim-to-Warm feature enables light to transform from vibrant 3200K CCT down to a warm, cozy 2000K as it is dimmed
- High color rendering index (CRI) Ra 94+, R9 90+, TLCI 2012 93
- LM-80 compliant LEDs, 9,000 hours completed
- Tight binning 3 step Mac Adam Ellipses
- Uniform and crisp light source intensity
- Low heat generation, easy thermal management
- Easy to fit in new design or retrofit applications
- Customizable CCT and dimming curve options

APPLICATIONS

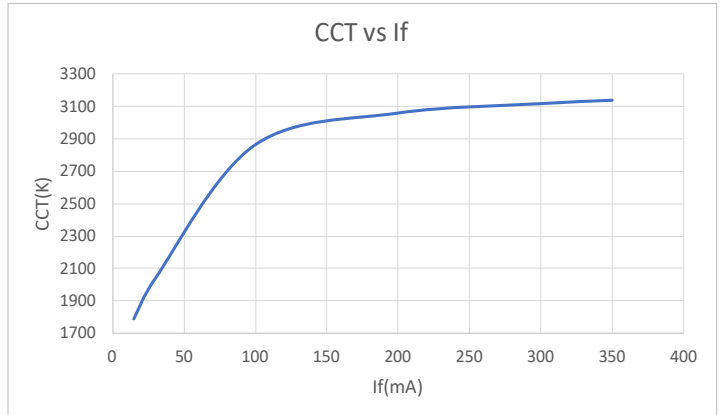
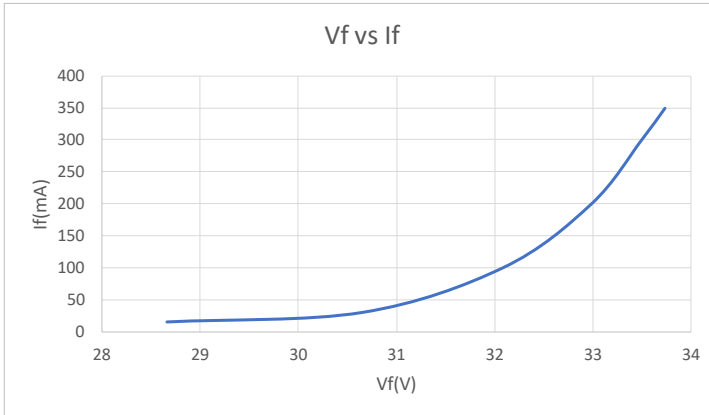
For architectural, residential, hospitality, retrofit, and general lighting fixtures.

- Spot lighting
- Down lighting
- Recessed can lighting
- Ceiling lighting
- Wall sconces
- Table lamps
- Pendants
- Track heads

MODEL SPECIFICATIONS

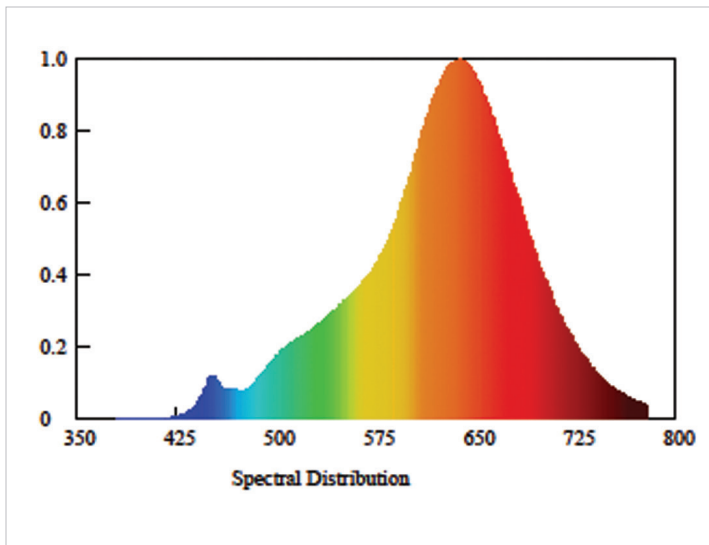
Model Number	Wattage	CCT (No Dim)	CCT (100% Dim)	CRI, R9	Luminous Flux
QLUXCOBI151293220WD	12W	3200K	2000K	94+, 90+	1100lm

DIMMING CURVES

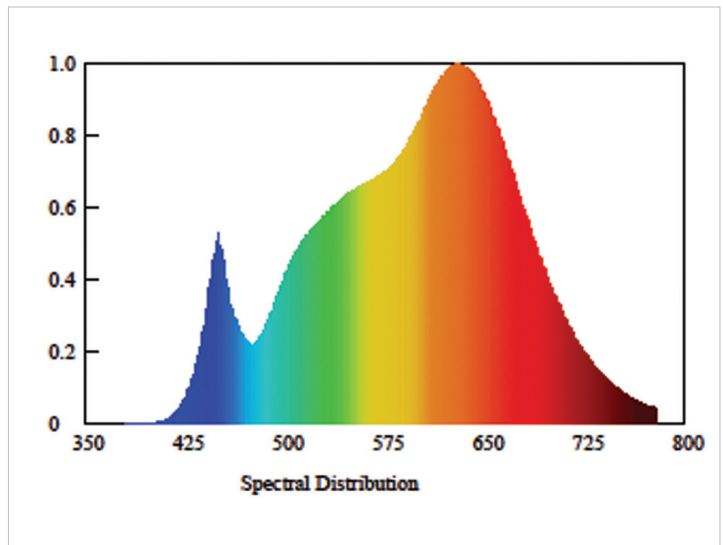


SPECTRORADIOMETRIC CHARACTERISTICS

2000K

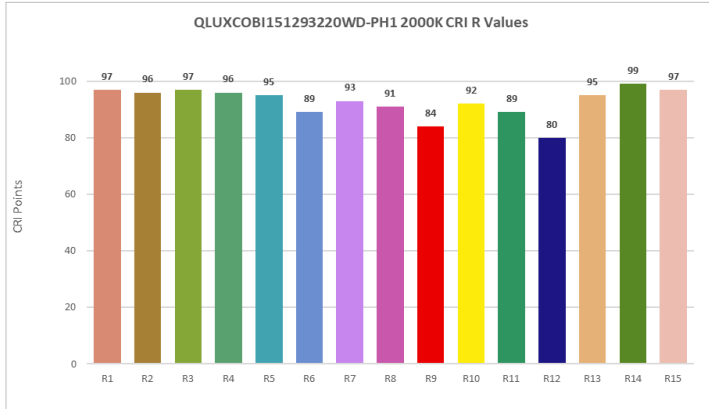


3200K

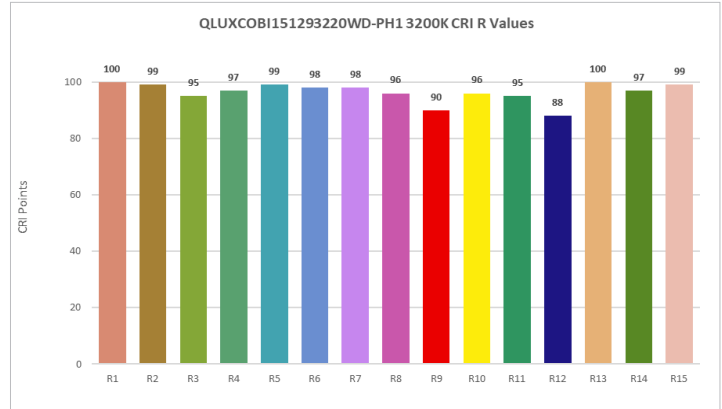


CRI TEST

2000K

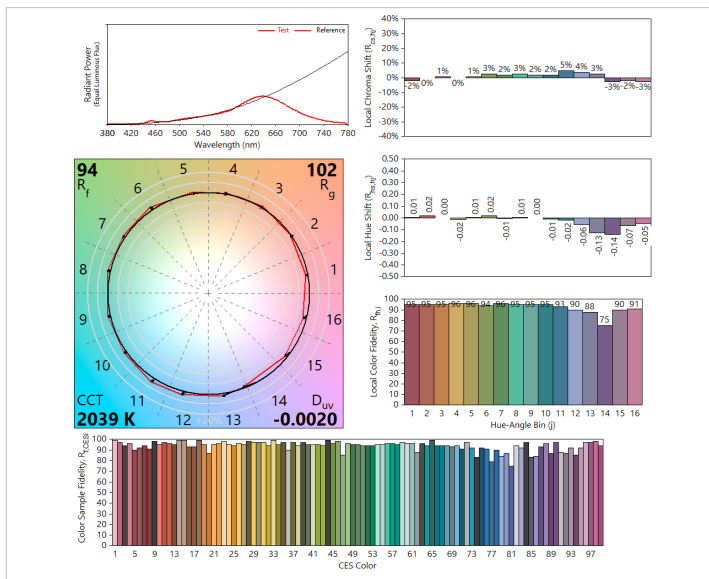


3200K

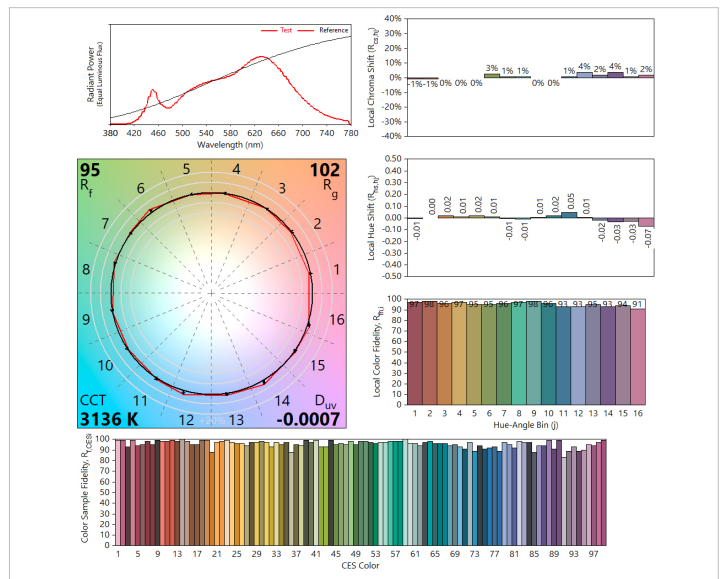


TM30 CHART

2000K



3200K



CHARACTERISTICS (85°C Tj)

CCT	Item	Symbol	Condition	Min.	Typ.	Max.	Unit
2000K	Forward Voltage	VF	30mA		30.6		V
	Luminous Flux	Φ			70		lm
	Chromacity Coordinates	x			0.5173		--
		y			0.4082		--
	General Color Rendering Index	Ra			94+		--
3200K	Forward Voltage	VF	350mA		33.4		V
	Luminous Flux	Φ			1100		lm
	Chromacity Coordinates	x			0.4261		--
		y			0.3992		--
	General Color Rendering Index	Ra			97+		--

COMPATIBLE LTF DRIVERS

Model Number	Input Voltage	Input Current	Output Voltage	Output Current	Dimming
DA15W350C1042-3001	120V AC 50/60Hz	0.125 A	10-42V DC	350mA	ELV/TRIAC
DA15W350C1842D010	120V AC 50/60Hz	0.125 A	18-42V DC	350mA	ELV/TRIAC/0-10V
DE15W350C1842D010	277V AC 50/60Hz	0.054 A	18-42V DC	350mA	ELV/TRIAC/0-10V
DS15W350C1042UD	100-305V AC 50/60Hz	0.15 A	18-42V DC	350mA	ELV/TRIAC/0-10V
DL115W350C	12V AC/DC 50/60Hz	0.15 A	18-42V DC	350mA	ELV/Magnetic ELV
DL215W350C	24V AC/DC 50/60Hz	0.15 A	18-42V DC	350mA	ELV/Magnetic ELV

MECHANICAL SPECS

