

QLUXCOBI151294027WD
15x12 Dim to Warm COB

QLUX COB



Typical Lumens	1200lm
Typical Wattage	12W
CRI	95+
R9	85+
CCT Range	4000K - 2700K
Dimming	CCR (constant current reduction)



QLUX COB mimics the color shift of an incandescent source when dimmed 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 4000K CCT down to a warm, cozy 2700K as it is dimmed
- High color rendering index (CRI) Ra 95+, R9 85+, TLCI 2012 97
- 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

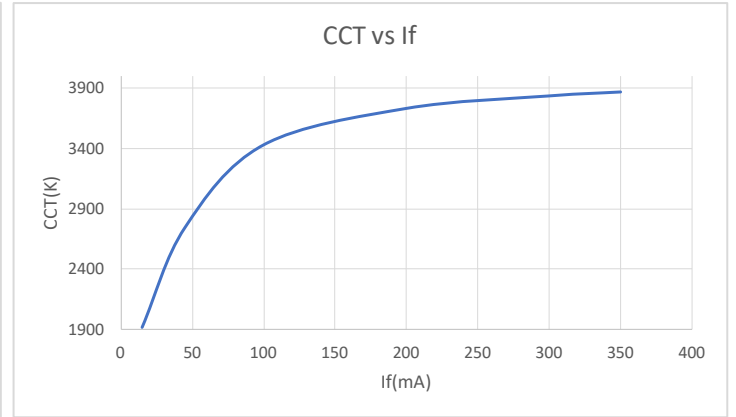
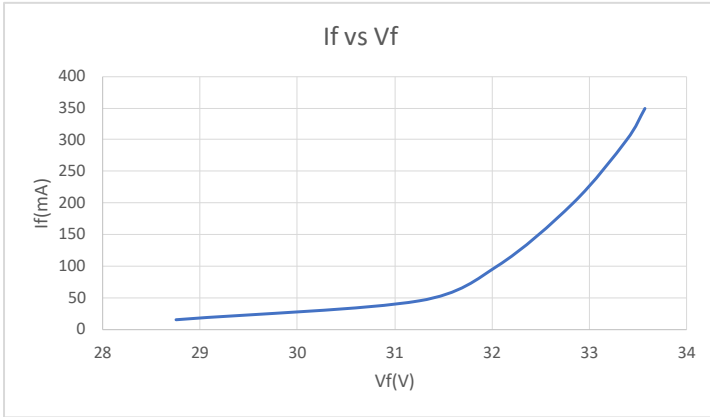
For architectural, residential, hospitality, retrofit, and general lighting fixtures.

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

MODEL SPECIFICATIONS

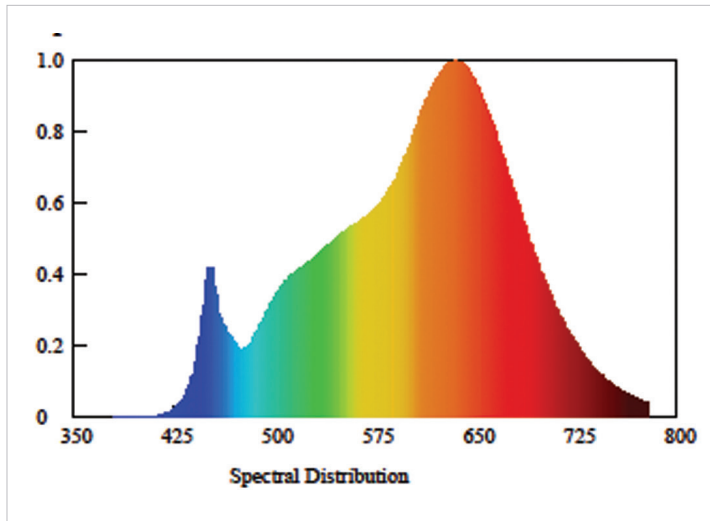
Model Number	Wattage	CCT (No Dim)	CCT (100% Dim)	CRI, R9	Luminous Flux
QLUXCOBI151294027WD	12W	4000K	2700K	95+, 85+	1200lm

DIMMING CURVES

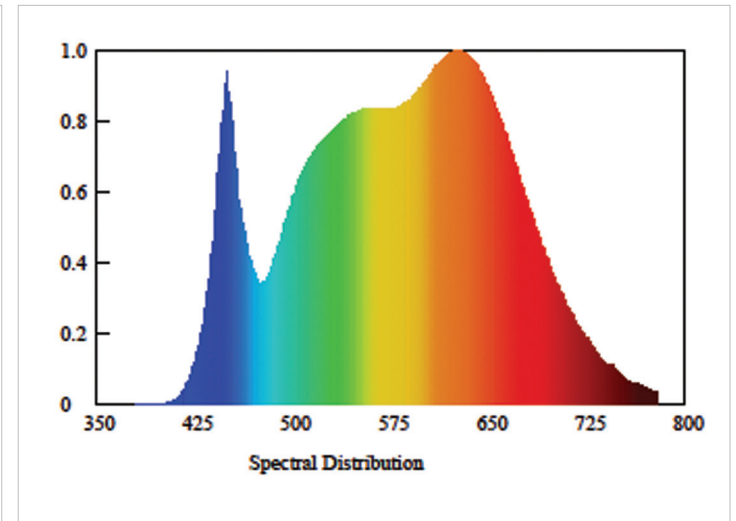


SPECTRORADIOMETRIC CHARACTERISTICS

2700K



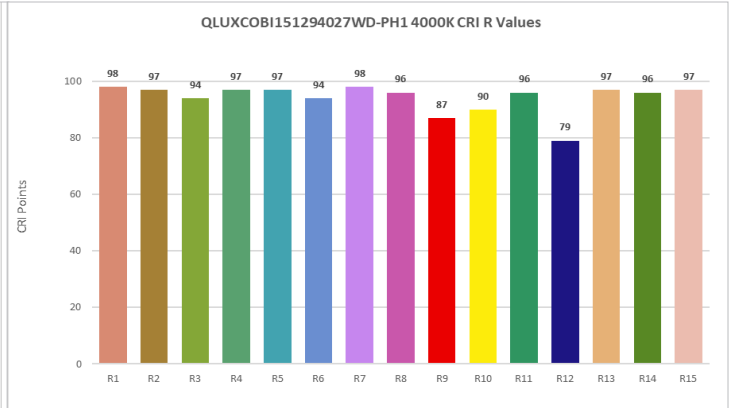
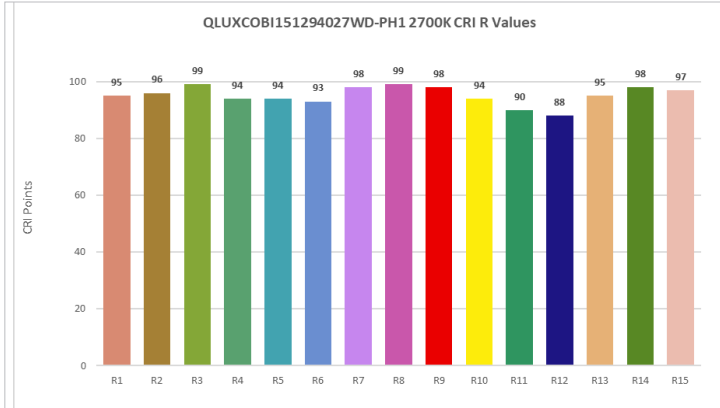
4000K



CRI TEST

2700K

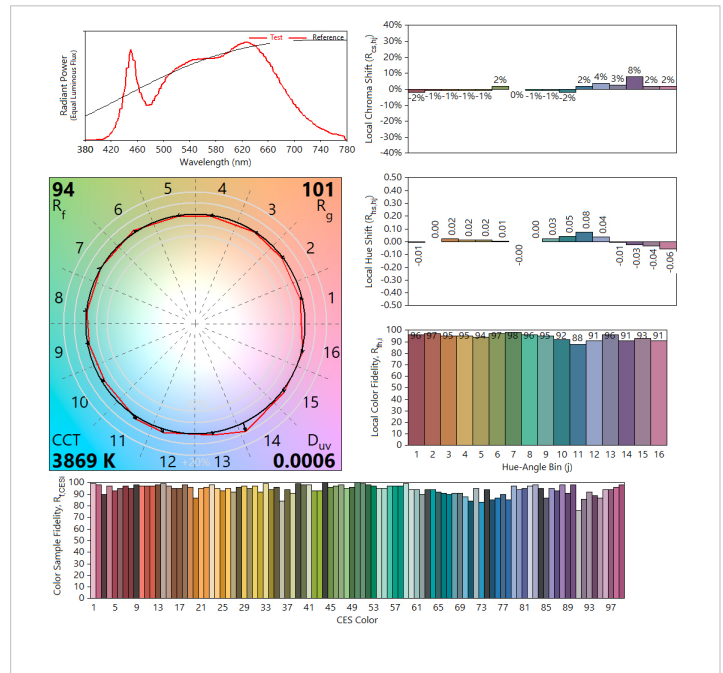
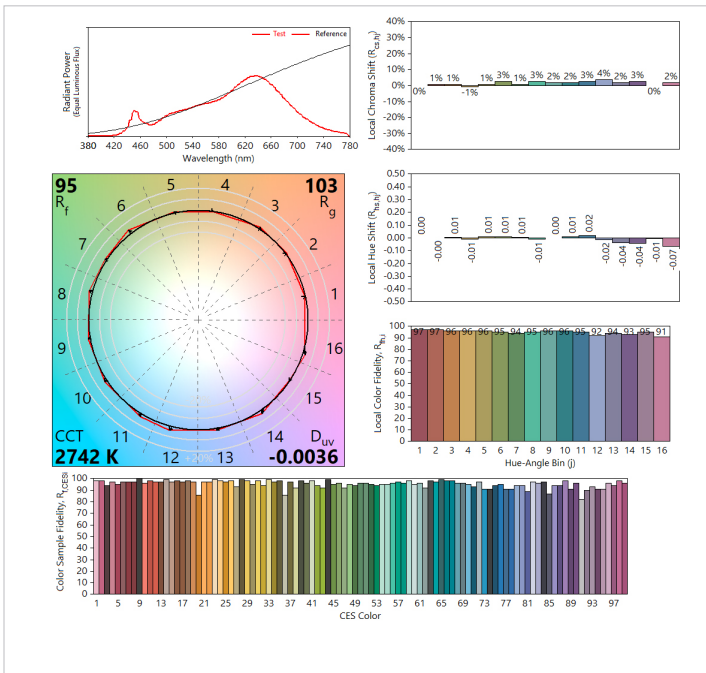
4000K



TM30 CHART

2700K

4000K



CHARACTERISTICS (85°C Tj)

CCT	Item	Symbol	Condition	Min.	Typ.	Max.	Unit
2700K	Forward Voltage	VF	45mA	30.9	31.2	31.5	V
	Luminous Flux	Φ		--	150	--	lm
	Chromacity Coordinates	x		--	0.4505	--	--
		y		--	0.3989	--	--
	General Color Rendering Index	Ra		--	95+	--	--
4000K	Forward Voltage	VF	350mA	33.1	33.4	33.7	V
	Luminous Flux	Φ		--	1200	--	lm
	Chromacity Coordinates	x		--	0.3871	--	--
		y		--	0.3829	--	--
	General Color Rendering Index	Ra		--	96	--	--

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

