

QLUXCOBI181894027WD
18x18 Dim to Warm COB

QLUX COB



Typical Lumens	2500lm
Typical Wattage	24W
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 98
- 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

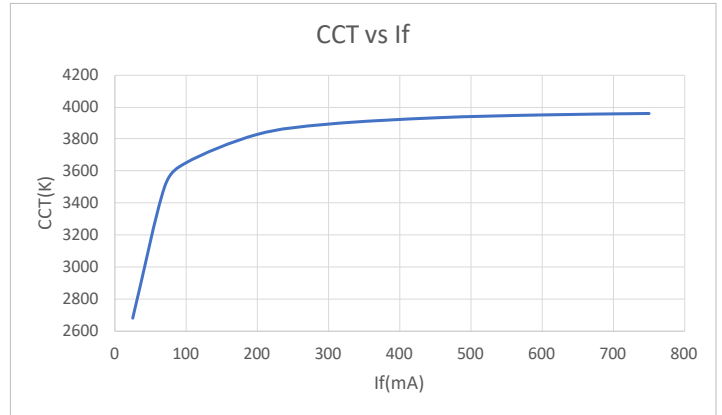
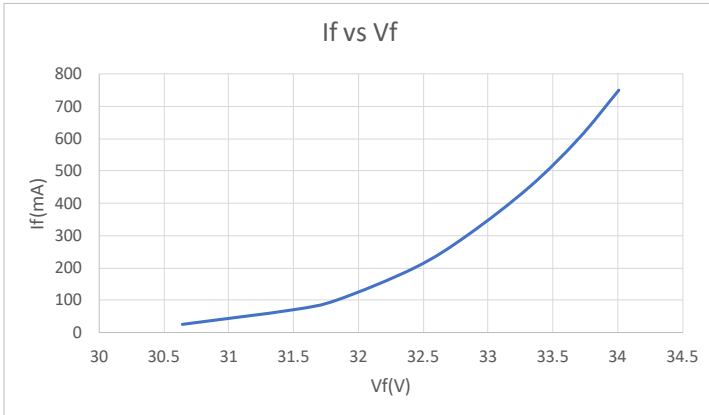
For architectural, residential, hospitality, retrofit, and general lighting fixtures.

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

MODEL SPECIFICATIONS

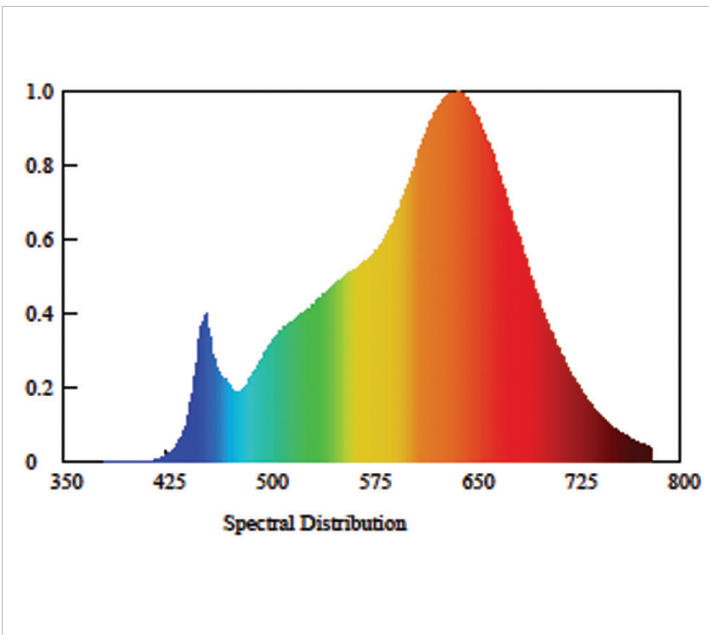
Model Number	Wattage	CCT (No Dim)	CCT (100% Dim)	CRI, R9	Luminous Flux
QLUXCOBI181894027WD	24W	4000K	2700K	95+, 85+	2500lm

DIMMING CURVES

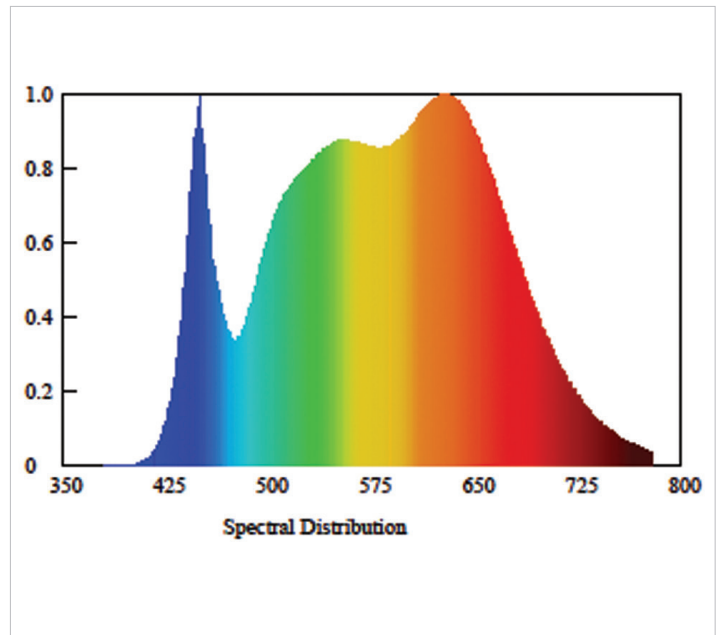


SPECTRORADIOMETRIC CHARACTERISTICS

2700K

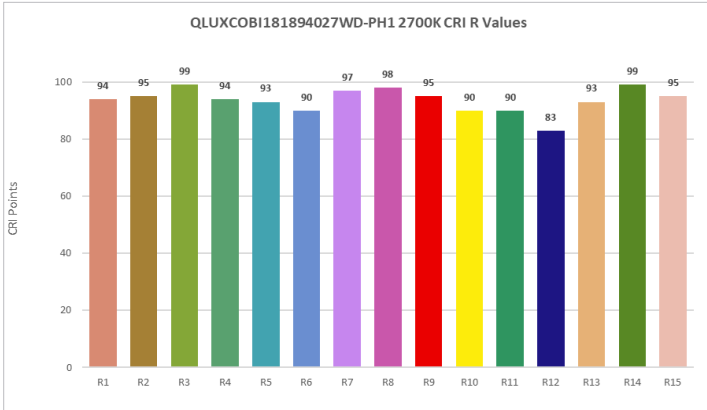


4000K

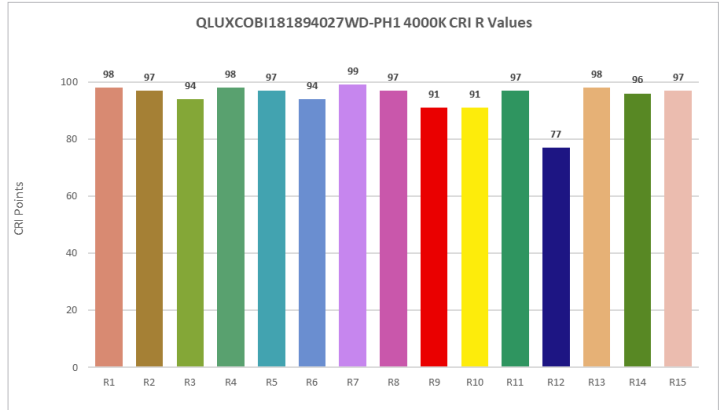


CRI TEST

2700K

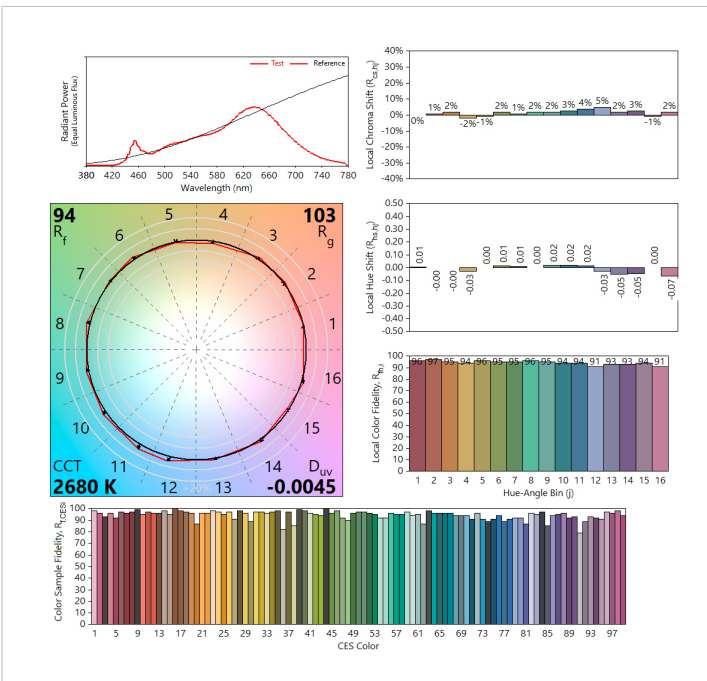


4000K

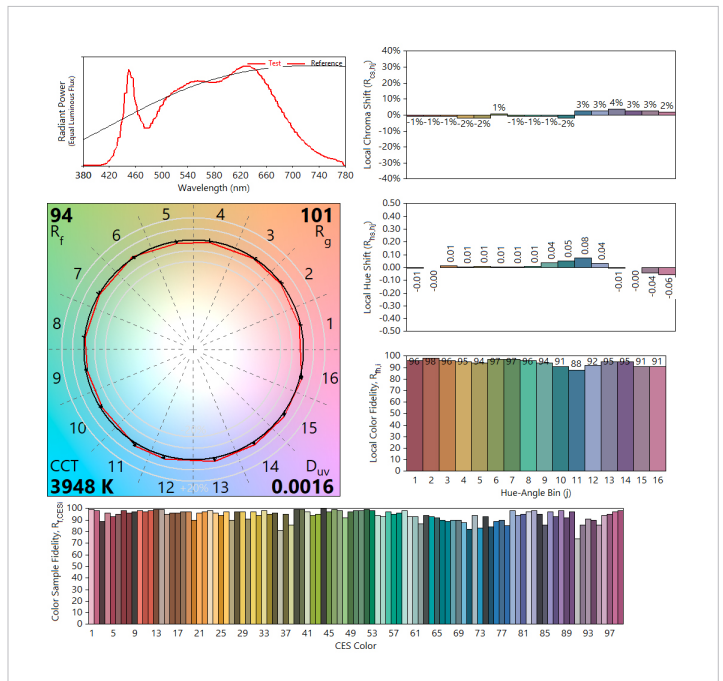


TM30 CHART

2700K



4000K



CHARACTERISTICS (85°C Tj)

CCT	Item	Symbol	Condition	Min.	Typ.	Max.	Unit
2700K	Forward Voltage	VF	25mA		30.6		V
	Luminous Flux	Φ			68		lm
	Chromacity Coordinates	x			0.4572		--
		y			0.3985		--
	General Color Rendering Index	Ra			95+		--
4000K	Forward Voltage	VF	750mA		34.0		V
	Luminous Flux	Φ			2500		lm
	Chromacity Coordinates	x			0.3832		--
		y			0.3793		--
	General Color Rendering Index	Ra			95		--

COMPATIBLE LTF DRIVERS

Model Number	Input Voltage	Input Current	Output Voltage	Output Current	Dimming
DS30W700C2042LI2UD-0000	108 - 305V	0.30A	20-40V DC	700mA DC	ELV, 0-10V, CL
DA30W700C2542BT-3001	108 - 132V	0.30A	25-42V DC	700mA DC	ELV, CL

MECHANICAL SPECS

