

QLUXCOBI13139xxK Series

Single CCT Chip on Board LED



Size	13 x 13mm
LES	4.5 mm
Max. Voltage	9.6V
Typical Wattage	4.1W
Typical Efficacy	92lm/W
Channels	Single Channel
Available CCT	2700K, 3000K
CRI/R9	96 / 90
Maximum Lumens	450lm



LTF's U.S. Patented QLUX Light Tune Series COB LEDs offer endless possibilities for lighting OEMs and designers. With industry leading adjustable CCT range, high efficacy, superior color rendering and best color over angle performance built into all QLUX LED light sources. Light Tune COBs let you dial in the perfect illumination for any architectural lighting application.

FEATURES

- Precise light output with no additional need for complicated control system or multiple optics
- High color rendering index (CRI) Ra 96, R9 90, 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 options

APPLICATIONS

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

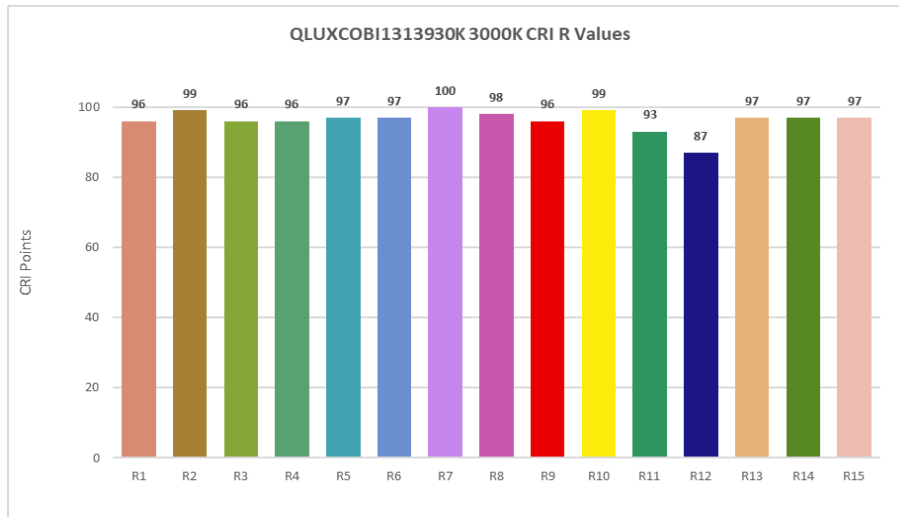
- Spot lighting
- Down lighting
- Recessed can lighting
- Ceiling lighting
- Ceiling lighting
- Wall sconces
- Table lamps
- Pendants
- Track heads

MODEL SPECIFICATIONS

Model Number	Wattage	CCT	Channels	CRI, R9	Luminous Flux
QLUXCOBI1313930K	4.1	3000K CCT	Single Channel	96, 90	370lm
QLUXCOBI1313927K	4.1	2700K CCT	Single Channel	96, 90	370lm

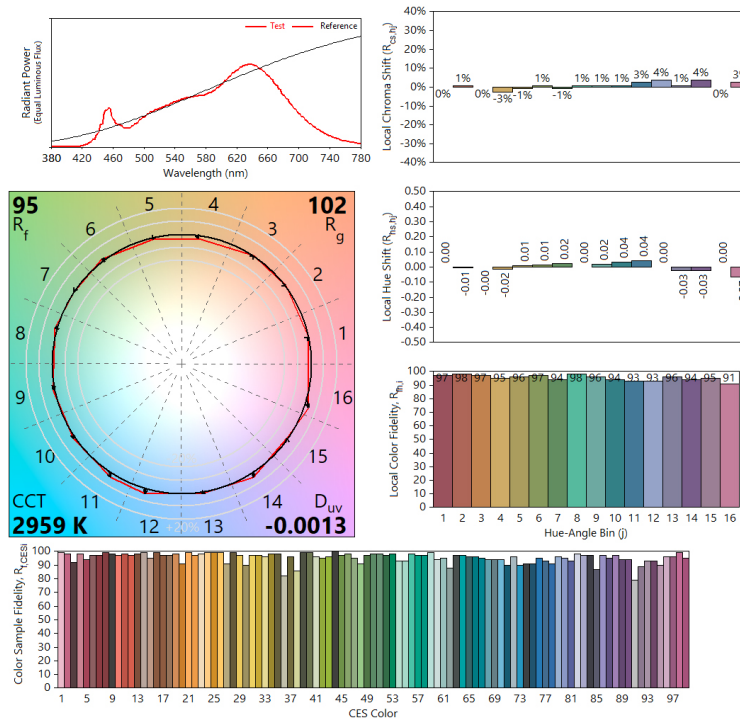
CRI TEST

3000K CCT

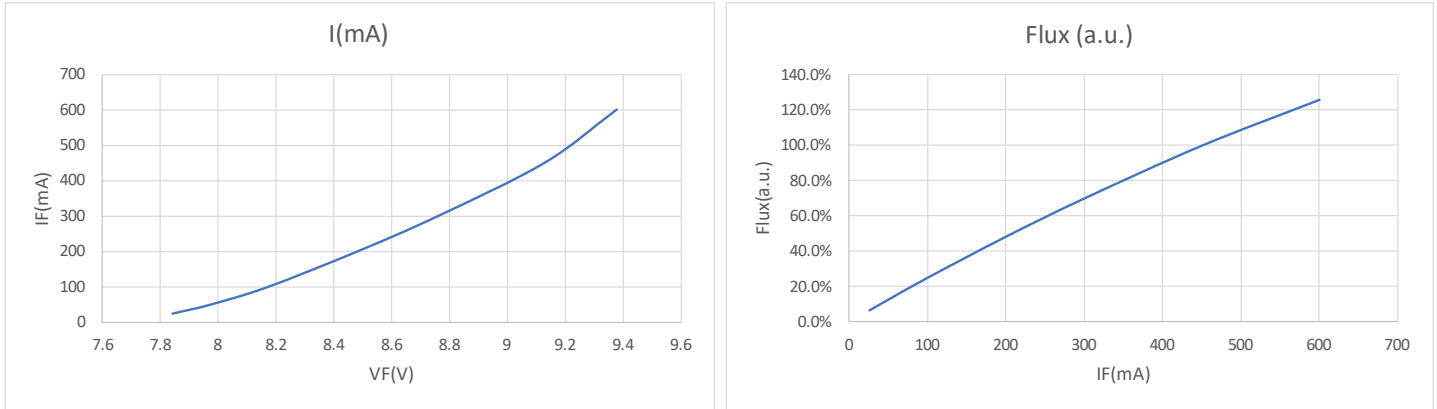


TM30 CHART

3000K CCT



DIMMING CURVES



CHARACTERISTICS (85°C Tj)

CCT	Item	Symbol	Condition	Min.	Typ.	Max.	Unit
3000K	Forward Voltage	VF	450mA		9.13		V
	Luminous Flux	Φ			370		lm
	Chromacity Coordinates	x			0.4377		--
		y			0.4012		--
	General Color Rendering Index	Ra			95	97.5	98

COMPATIBLE LTF DRIVERS

Model Number	Input Voltage	Input Current	Output Voltage	Output Current	Dimming
DL26W400C0415A10-0000	24V	350mA	04-15V	400mA	ELV, CL
DS6W500C0512MB1UD-0000	120-277V	71mA/32mA	05-12V	500mA	ELV, CL, 0-10V
DA6W500C0512-3001	120V	60mA	05-12V	500mA	ELV, CL
DA4W350C0510-3001	120V	40mA	05-10V	350mA	ELV, CL

MECHANICAL SPECS

