

LTCOBI161694020 Dual Channel
Color Tuneable chip on board LED

QLUX COB



Size	16mm x 16mm
LES	8.9mm (OD)
Max. Voltage	37.0V @300mA
Typical Wattage	12.5W
Typical Efficacy	95lm/W
Channels	2 Channel
Tuneable CCT	4000K - 2000K
Typical CRI	90+
Maximum Lumens	1080lm



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
- Color tuning feature enables light to transform from vibrant 4000K CCT down to a warm, cozy 2000K
- High color rendering index (CRI) Ra 90+, 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

APPLICATIONS

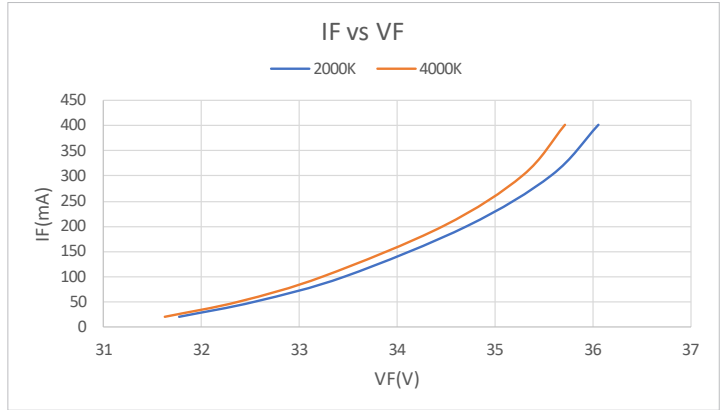
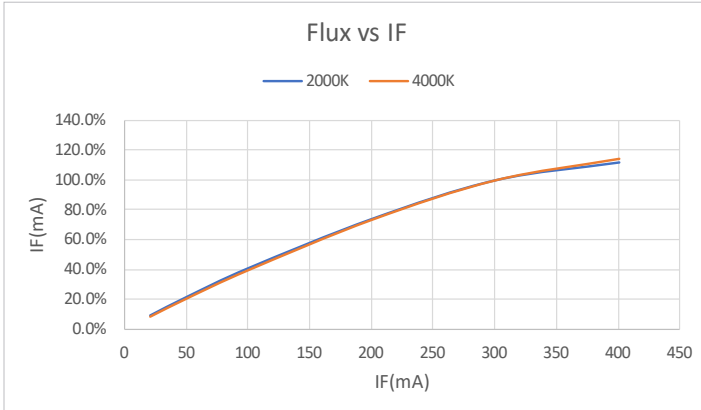
For architectural, residential, hospitality, retrofit, and general lighting fixtures.

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

MODEL SPECIFICATIONS

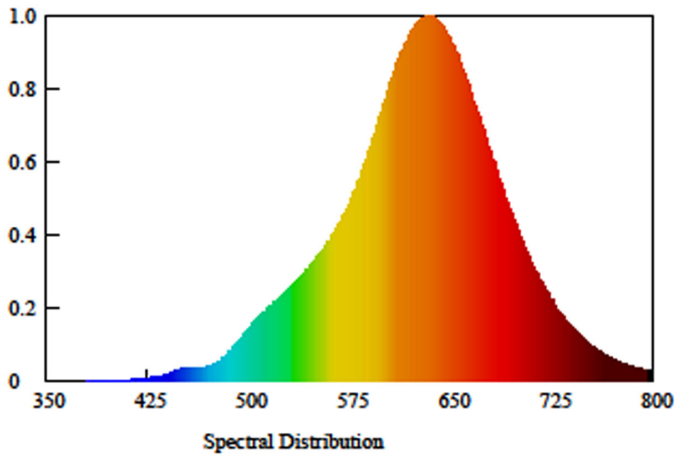
Model Number	Wattage	CCT (Cool White)	CCT (Warm White)	CRI, R9	Luminous Flux
LTCOBI161694020	12.5W	4000K	2000K	90+, 90	1050lm (CW) 685lm (WW)

DIMMING CURVES

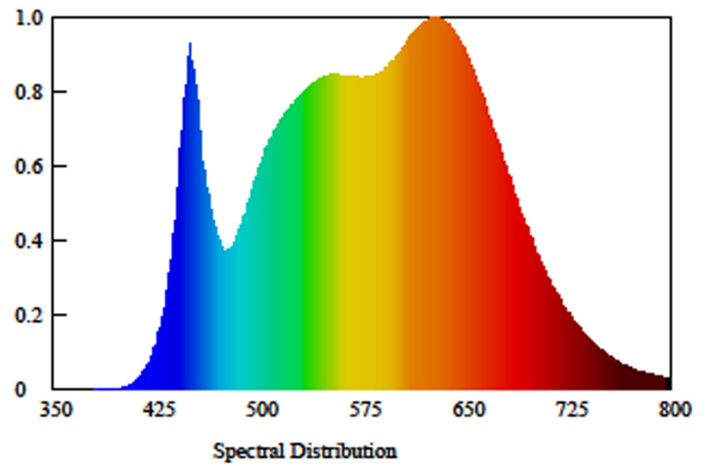


SPECTRORADIOMETRIC CHARACTERISTICS

2000K



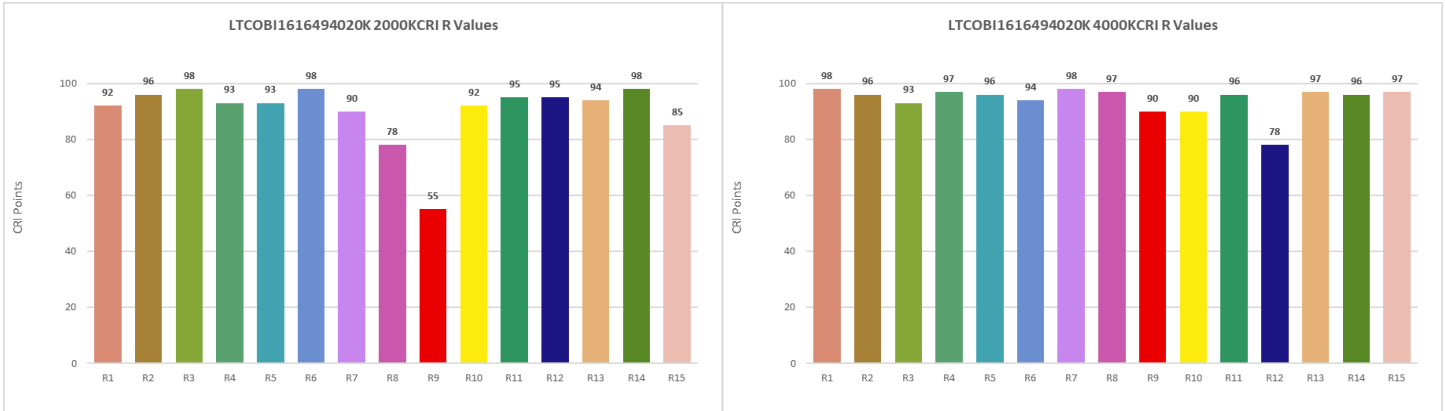
4000K



CRI TEST

2000K

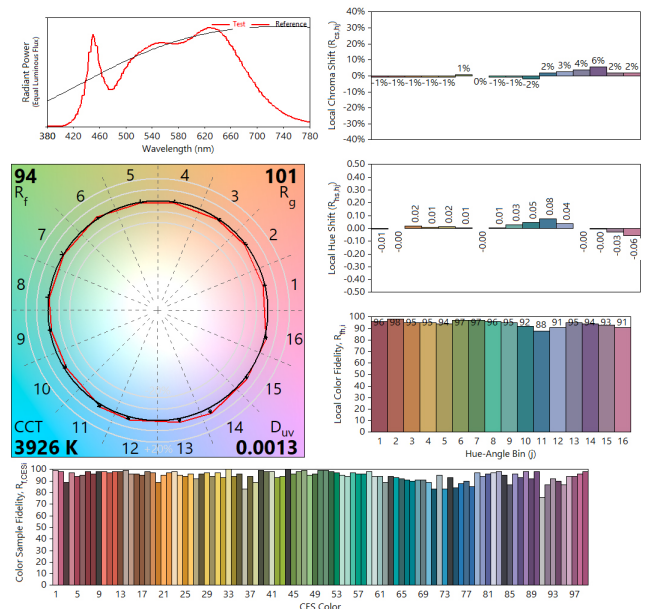
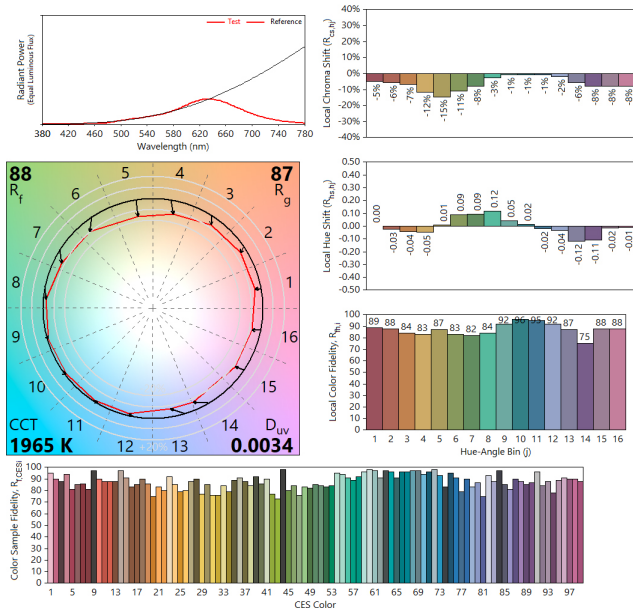
4000K



TM30 CHART

2000K

4000K



COMPATIBLE LTF DRIVERS

CONSTANT CURRENT						
Model Number	Input Voltage	Wattage	Load	Output Current	Dimming	Form Factors
DL215W350C3336BT	24V AC/DC	15W	24V - 43V DC LED	350mA	Wireless	R6, R7
DS15W350C2542LTLI7	100-277V AC	15W	25V - 42V DC LED	350mA	0-10V	LI7
DS15W350C2542BT	100-277V AC	15W	25V - 42V DC LED	350C	Wireless	SM2

MECHANICAL SPECS

