

**QLUXCOBi18189065**  
Single CCT Chip on Board LED



<b>Size</b>	18 x 18mm
<b>LES</b>	14mm (OD)
<b>Max Voltage</b>	38V
<b>Wattage</b>	25.5W
<b>Available CCT</b>	6500K
<b>CRI / R9</b>	90+/70+
<b>Lumens</b>	2580lm



**FEATURES**

- Precise light output with no additional need for complicated control system or multiple optics
- High color rendering index (CRI) Ra 90+ , R9 70+, TLCI 95
- Tight binning 3 step Mac Adam Ellipses
- Uniform and crisp light source intensity
- Exceeds ENERGY STAR lumen maintenance requirements
- Extra thin low profile
- Low heat generation, easy thermal management
- Easy to fit in new design or retrofit applications

**APPLICATIONS**

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

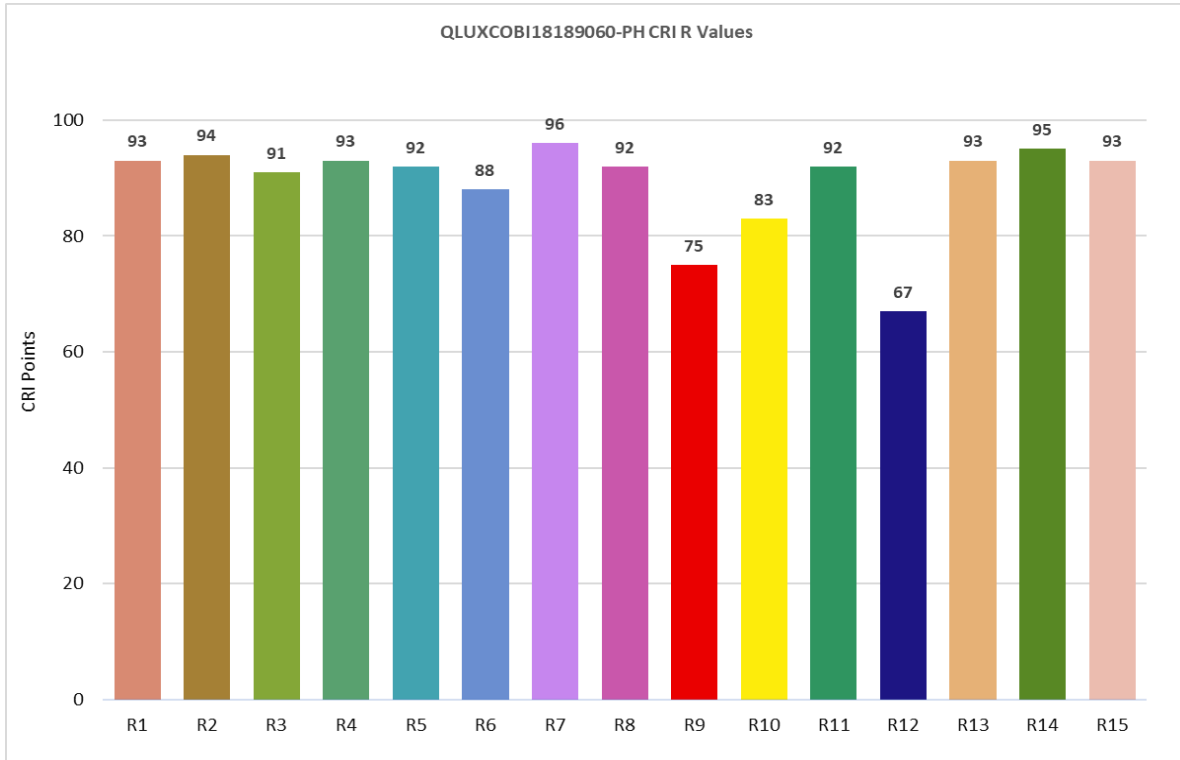
**MODEL SPECIFICATIONS**

Model Number	Wattage	CCT	CRI	R9	Luminous Flux
QLUXCOBi18189065K	25.5W	6500K	90+	70+	2580lm

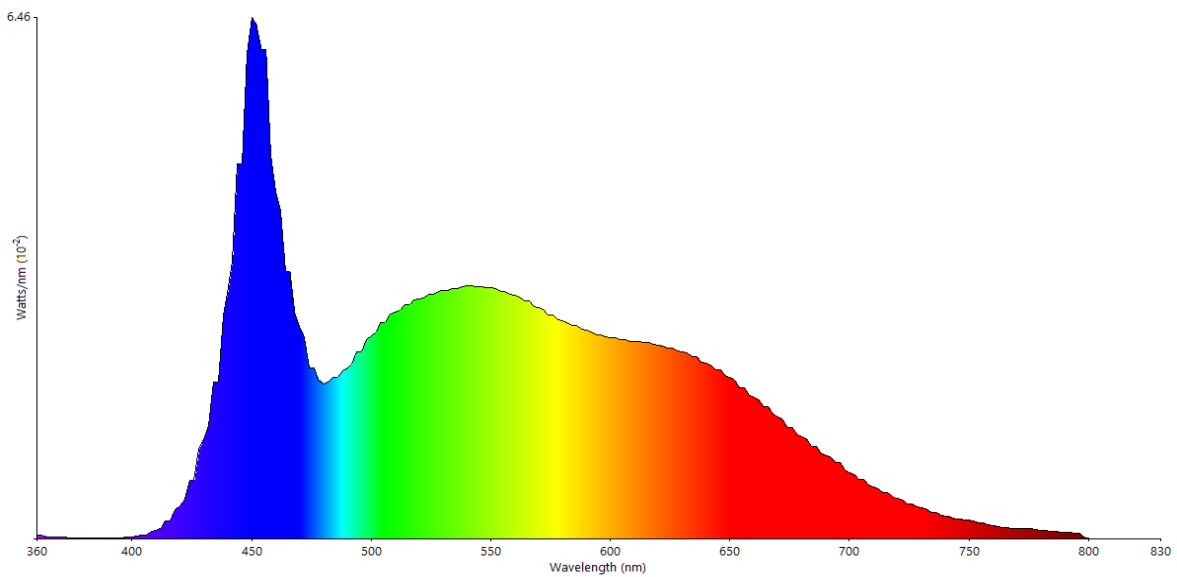
**RECOMMENDED LTF LED DRIVER**

Model	Power	Input	Constant Current Output	Voltage Range	Dimming
DA30W600C2742BF1-3001	25W	120VAC	600mA	27V - 42V	CL, ELV
DA30W700C2542BT-3001	30W	120VAC	700mA	25V - 42V	CL, ELV
DS30W700C2542UD-3002	30W	120VAC - 277VAC	700mA	25V - 42V	ELV, TRIAC, 0-10V
DS26W620C2040MB2UD-0000	26W	120VAC - 277VAC	620mA	20V - 40V	ELV, TRIAC, 0-10V

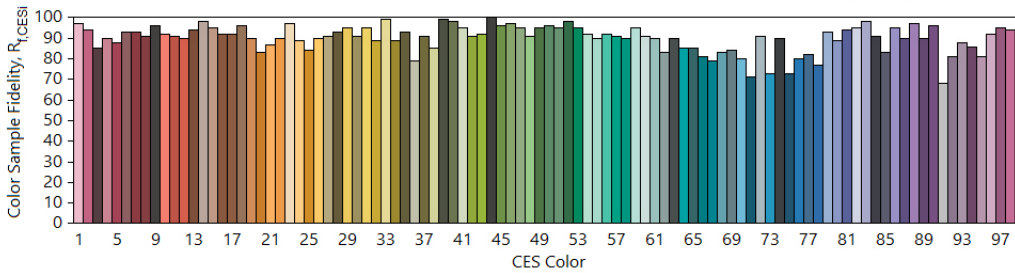
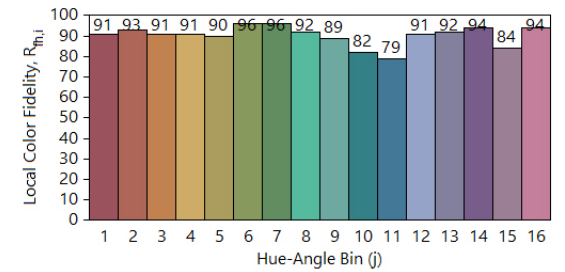
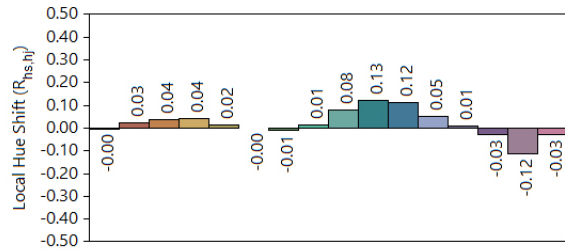
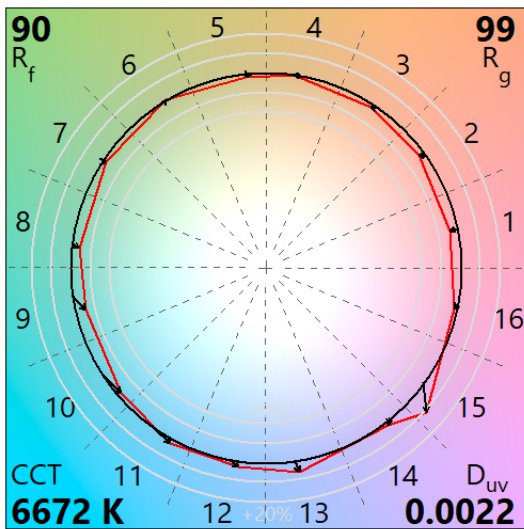
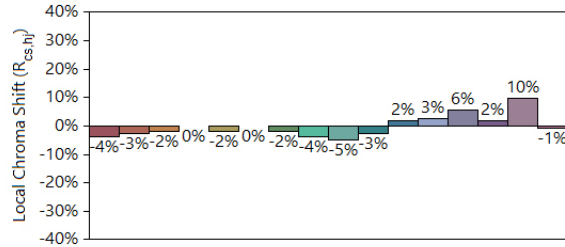
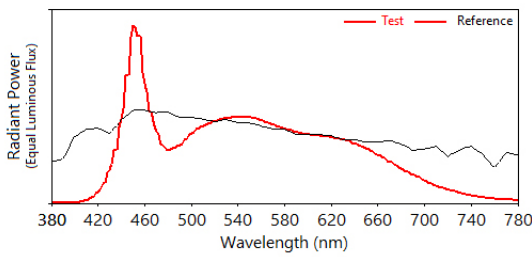
### CRI CHART



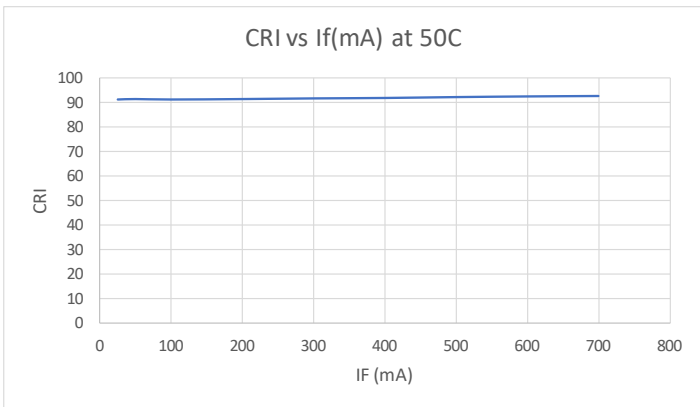
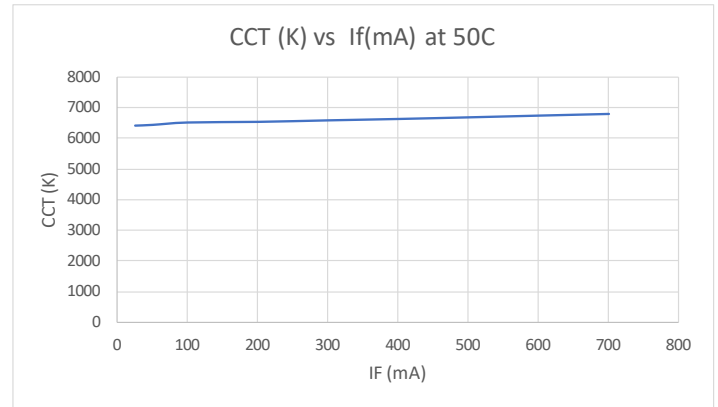
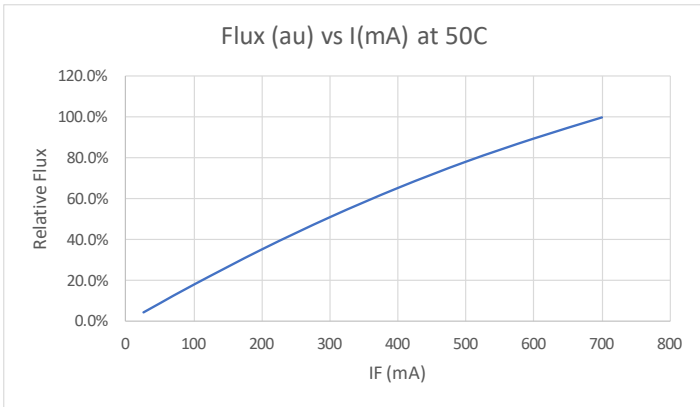
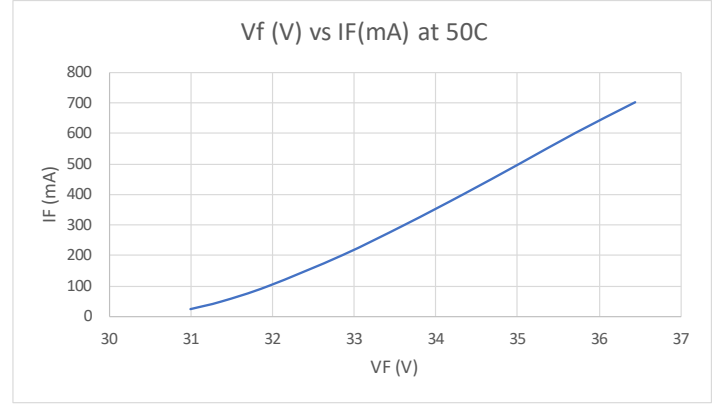
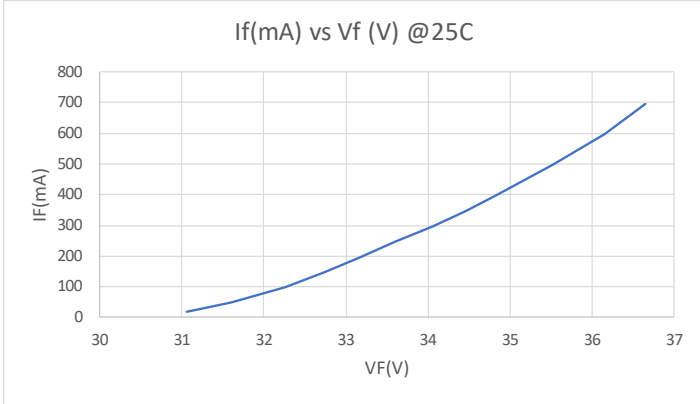
### SPECTRORADIOMETRIC PARAMETERS



**TM30**



### DIMMING CURVES



Parameter	Maximum Rating
Allowable Reverse Current ( $I_R$ )	None
LED Junction Temperature ( $T_J$ )	130°C
Storage Temperature	-40°C to +125°C
Operating Case Temperature ( $T_C$ )	100°C
Soldering Temperature	380°C or lower, 5 seconds max.
Maximum Total Drive Current	750mA
Maximum Total Power	26W

### MECHANICAL SPECS

Dimensions	Light Emitting Surface
17.75 x 17.75mm	14mm (OD)

