

QLUXDOBAL29205W56LED9

DOB AC LED Boards

QLUX DOB



Wattage	5W
Input	120V AC 50/60Hz
CRI	>92
THD	<20%
Max. Case temp. (tc)	85°C Max.
CCT Options	2700K - 3000K
Custom CCT	Available
Size	292 x 38 x 1.1mm
Dimming	ELV, TRIAC
Power Factor	0.99
Beam Angle	160°



RoHS



- Exceeds California Title 24 & JA8 requirements
- AC line voltage driver on board module; no external drivers or transformers required
- High efficiency lumen output: >93 lm/W, TlCI-2012 93
- Smooth dimming with ELV & TRIAC dimmers
- CCT options 2700K - 3000K, Custom
- Optional 0-10V dimming
- 120V, 220 - 240V AC input with optional voltage converter
- LM-80 compliant LEDs

FEATURES

- High color rendering index (CRI) >92
- Tight binning 3 step mac adams ellipses
- Low heat generation, easy thermal management
- L70>60,000 hours
- Extendable

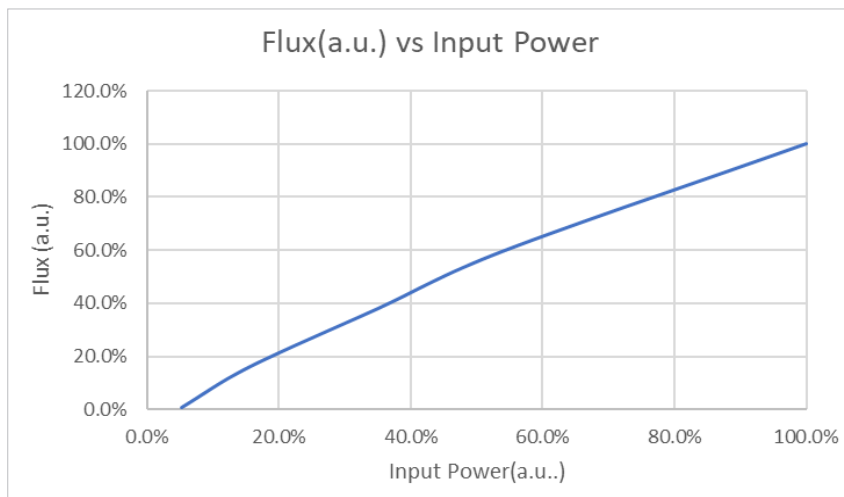
APPLICATIONS

- New or retrofit OEM fixtures
- Indoor or outdoor applications
- Architectural and commercial
- Flush mount and recessed fixtures

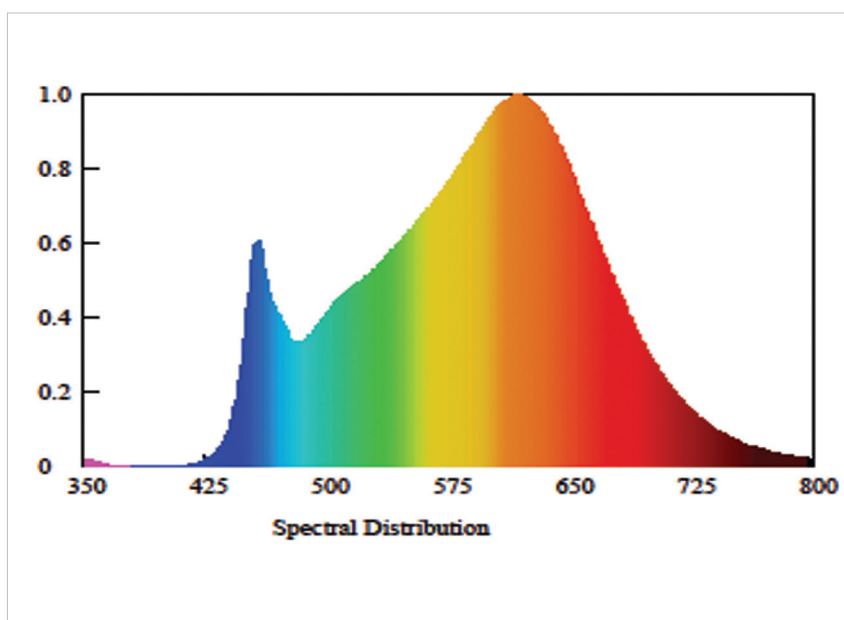
MODEL SPECIFICATIONS

Model Number	Input	Wattage	CCT	Lumens	Dimensions
QLUXDOBAL29205W56LED927	120V AC 50/60Hz	5W	2700K	450lm	292mm (11.5") x 38mm (1.5")
QLUXDOBAL29205W56LED930		5W	3000K	500lm	

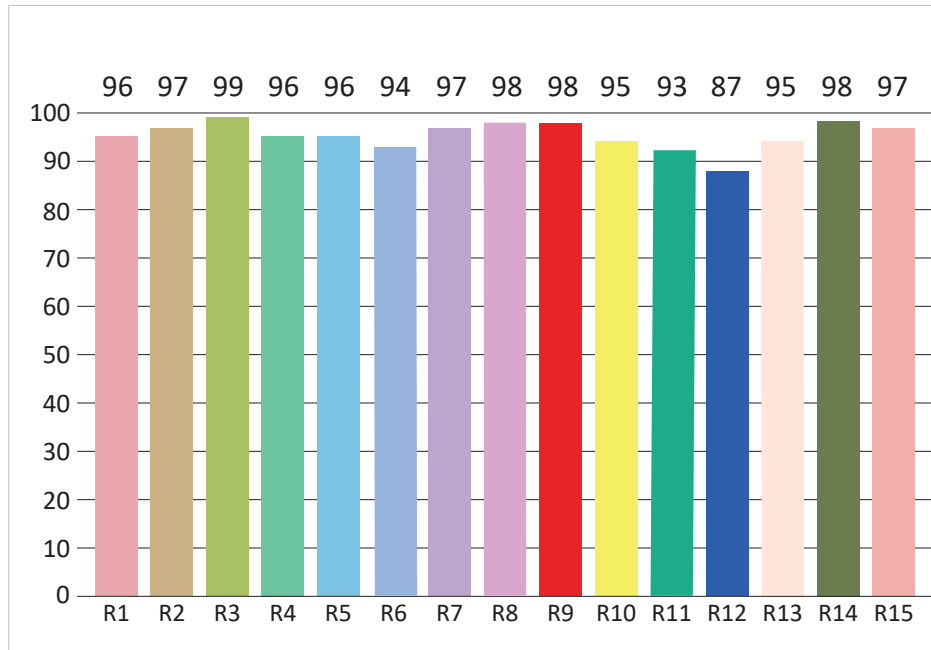
DIMMING CURVES



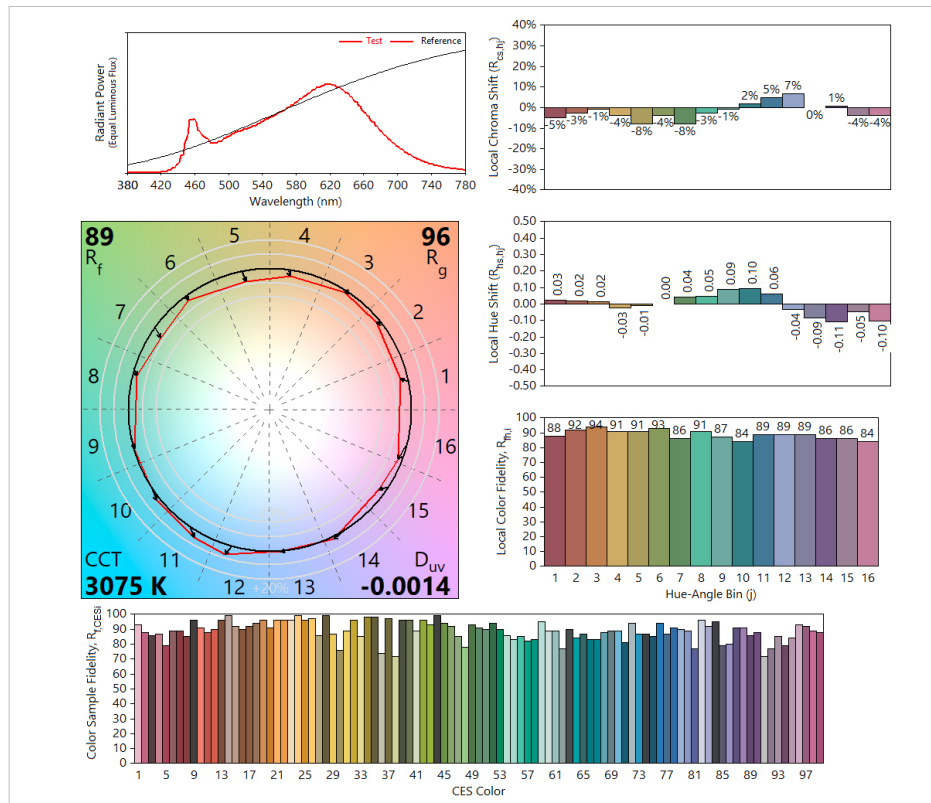
SPECTRORADIOMETRIC CHARACTERISTICS



CRI TEST



TM30 CHART



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Parameter	Symbol	Value	Unit
Voltage	V in	132	Vac
Operating Temperature (ta)	---	-35~+50	°C
LED Solder Temperature	Ts	110	°C
Storage Temperature	Tstg	-40~+100	°C
ESD Sensitivity (HBM)	---	±4000	V
Surge	---	2500	Vac

MECHANICAL SPECS

