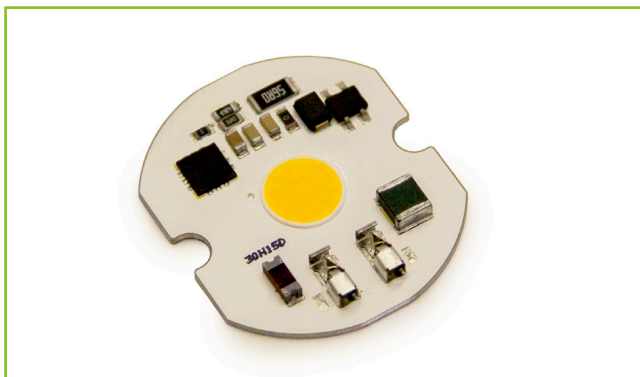




**Zhaga Optics Compatible Dimmable Round LED Module
QLUXDOBR4415W1LED Series**



General Information	
Wattage	15W
CRI	90+
CCT	2700K-5000K
Custom CCT	Available
Dimension	44mm (OD)
Dimming	ELV/Phase
Beam Angle	160



FEATURES

- Zhaga optics compatible
- High Color Rendering Index (CRI) Ra max. 98
- High efficacy lumen output
- LM-80 compliant LEDs
- Tight Binning 3 Step MacAdam Ellipses
- Uniform & Crisp Light Source Intensity
- Exceed ENERGY STAR lumen maintenance requirements
- Extra thin low profile
- Low heat generation, easy thermal management
- Easy to fit in new design or retrofit applications
- Excellent dimming with Phase type dimmers



ELECTRO-OPTICAL CHARACTERISTICS (TA=25°C)

Model #	Voltage (VAC)	Power (W)	CCT	CRI	Luminous flux (lm)	Efficacy (lm/W)
QLUXDOBR4415W1LED927K	120V	15	2700K	90	1280	90
QLUXDOBR4415W1LED930K	120V	15	3000K	90	1350	
QLUXDOBR4415W1LED940K	120V	15	4000K	90	1450	
QLUXDOBR4415W1LED950K	120V	15	5000K	90	1580	

[1] Luminous flux and efficacy are typical value, measured by an intergrated sphere at 25°C, tolerance: ± 10%.
 [2] Ra/CRI is measured with tolerance: ± 2.
 [3] All models are available in 2700K, 3000K, 4000K, and 5000K
 [4] Tolerance of Power: ± 1.5W

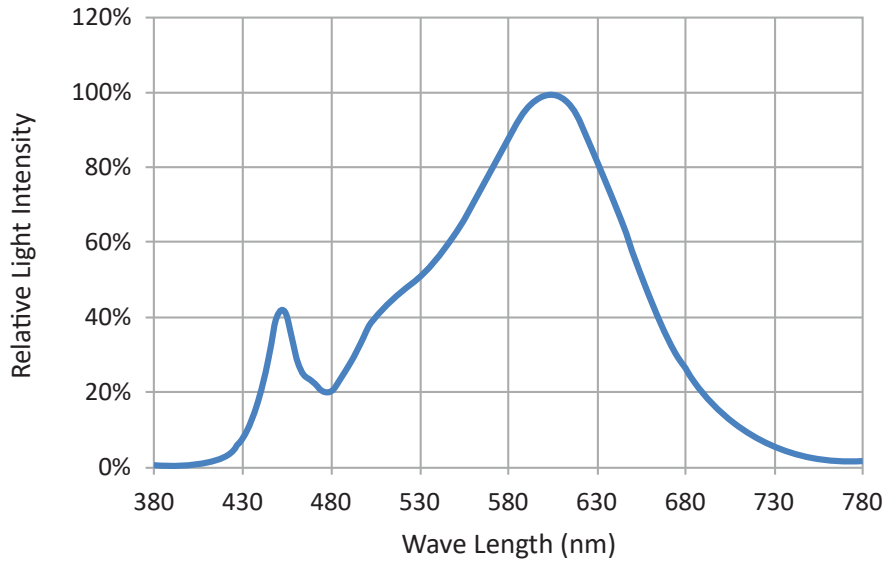
ABSOLUTE MAXIMUM RATINGS (TA=25°C)

Parameter	Symbol	Value	Unit
Voltage	V opt	150	Vac
LED Solder Temperature	TS	-20~+85	°C
Storage Temperature	Tstg	-40~+100	°C
Surge	---	1000	Vac

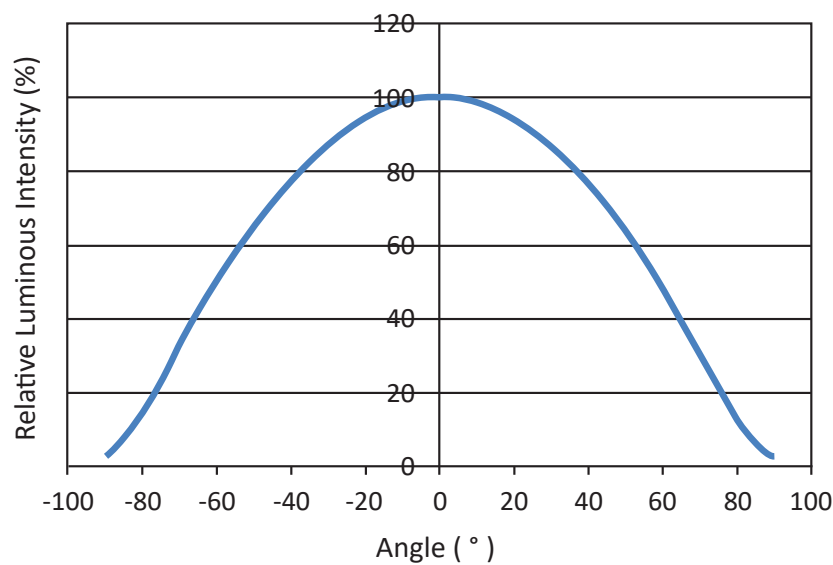
* pending



RELATIVE SPECTRAL DISTRIBUTION VS. WAVELENGTH CHARACTERISTIC



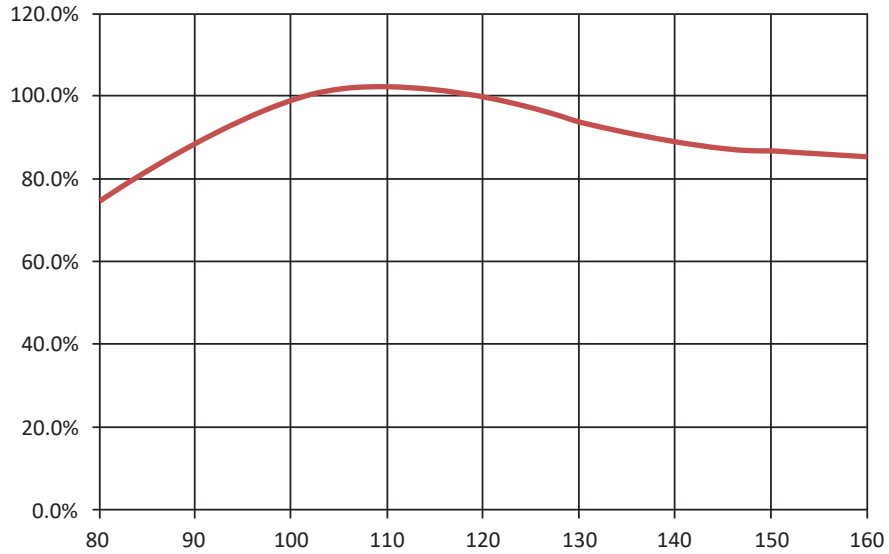
RADIATION PATTERN



AC Line Voltage LED DOB COB - QLUXDOBR4415W1LED



RELATIVE POWER DISTRIBUTION VS. VOLTAGE AT TA=25°C



MECHANICAL SPEC.

