



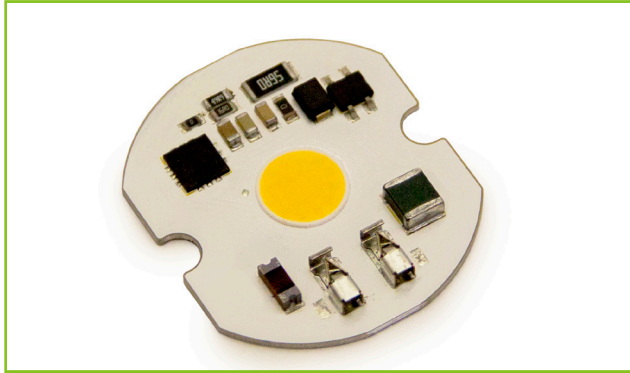
**L.T.F.**

## DOBi AC Line Voltage LED Boards

### Zhaga Optics Compatible 15W Round 44mm (OD) QLUXDOBAR4415W1LED DOBi Series



# DOBi



<b>Wattage</b>	15W
<b>Input</b>	120V AC 50/60 Hz
<b>CRI</b>	90+
<b>CCT Options</b>	2700K - 5000K
<b>Custom CCT</b>	Available
<b>Size</b>	44mm (OD)
<b>Dimming</b>	ELV, Triac
<b>Optional Dimming</b>	0-10V
<b>Beam Angle</b>	160°



**RoHS**



## FEATURES

- AC line voltage driver on board module; No external drivers or transformers required
- Zhaga Optics Compatible
- Smooth dimming with ELV & Triac dimmers
- Dimming range <1% - 100%
- Optional 0-10V dimming
- High efficacy lumen output: > 91 lm/W
- 220-240V, 277V AC input with optional voltage converter
- LM-80 compliant LEDs

- High Color Renedering Index (CRI) Ra max. 98
- Tight binning 3 Step Mac Adam Ellipses
- Low heat generation, easy thermal management

## APPLICATIONS

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

## AVAILABLE CONFIGURATIONS

Model Number	Suffix	CRI	CCT	Lumens
QLUXDOBAR4415W1LED	- 927	90+	2700K	1280lm
QLUXDOBAR4415W1LED	- 930		3000K	1350lm
QLUXDOBAR4415W1LED	- 940		4000K	1450lm
QLUXDOBAR4415W1LED	- 950		5000K	1580lm

Custom CCT available

[1] Luminous flux and efficacy are typical value, measured by an integrated phere at 25°C, tolerance: ± 10%;

[2] Ra/CRI is measured with tolerance: ± 2;

[3] Tolerance of power: ± 1W.

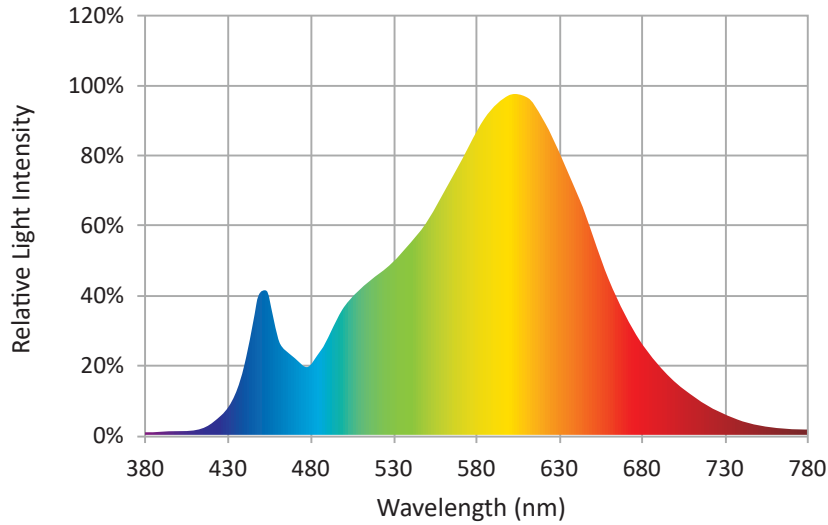


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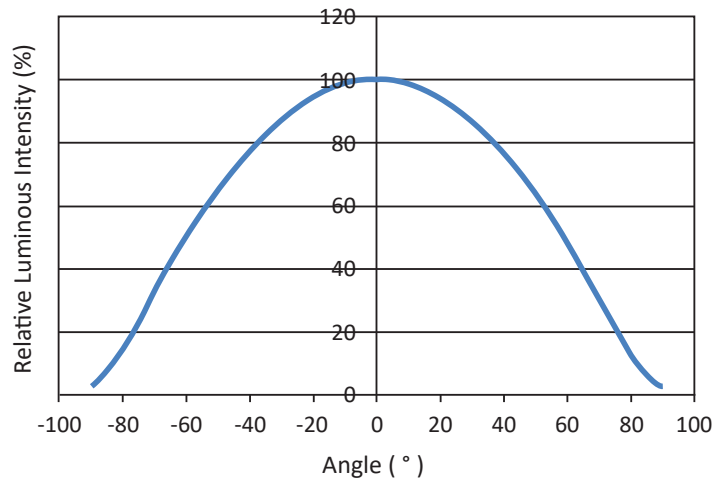
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### SPECTRORADIOMETRIC PARAMETERS



### RADIATION PATTERN



### ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

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

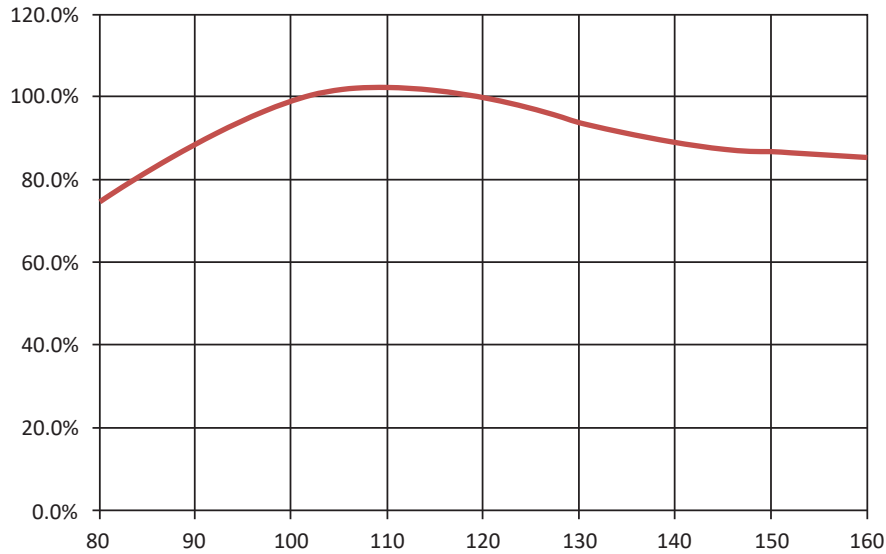


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### RELATIVE POWER DISTRIBUTION VS. VOLTAGE AT $T_a=25^\circ\text{C}$



### MECHANICAL SPECIFICATIONS

