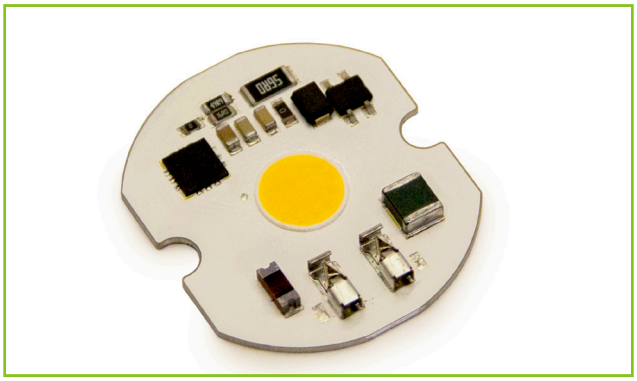
L.T.F.

# DOB AC Line Voltage LED Boards

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

# QLUX DOB



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

c UL us

RoHS

FCC Part 15 Class B compliant

CE

50k HOURS WARRANTY

## 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) 90+
- Tight binning 3 Step Mac Adam Ellipses
- Low heat generation, easy thermal management
- L70 > 60,000 Hours

## 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 sphere at 25°C, tolerance: ± 10%;
[2] Ra/CRI is measured with tolerance: ± 2;
[3] Tolerance of power: ± 1W.

L.T.F, L.L.C. PHONE: (847) 498-5832 FAX: (773) 337-5628 EMAIL: sales@ltftechnology.com
Company's Address: 11966 Oak Creek Pkwy. Unit H Huntley IL 60142 U.S.A. www.ltftechnology.com

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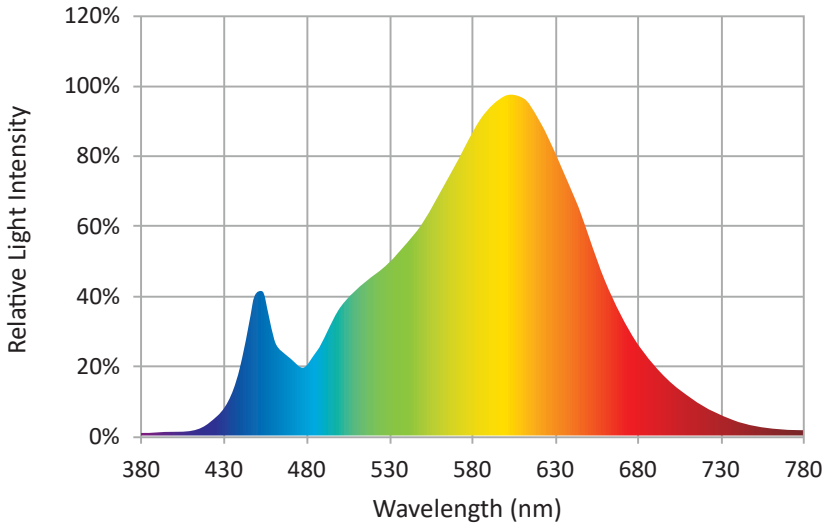
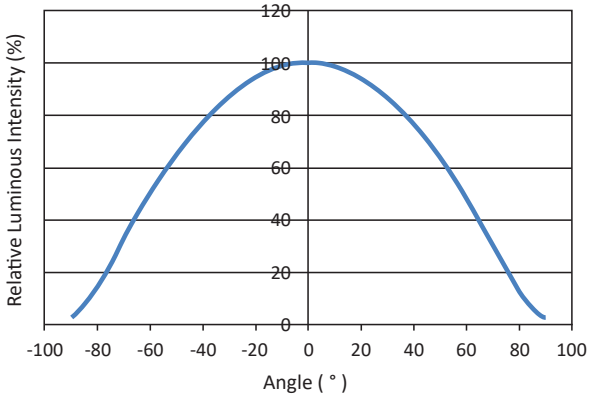
## SPECTRORADIOMETRIC PARAMETERS




## RADIATION PATTERN




## ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

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

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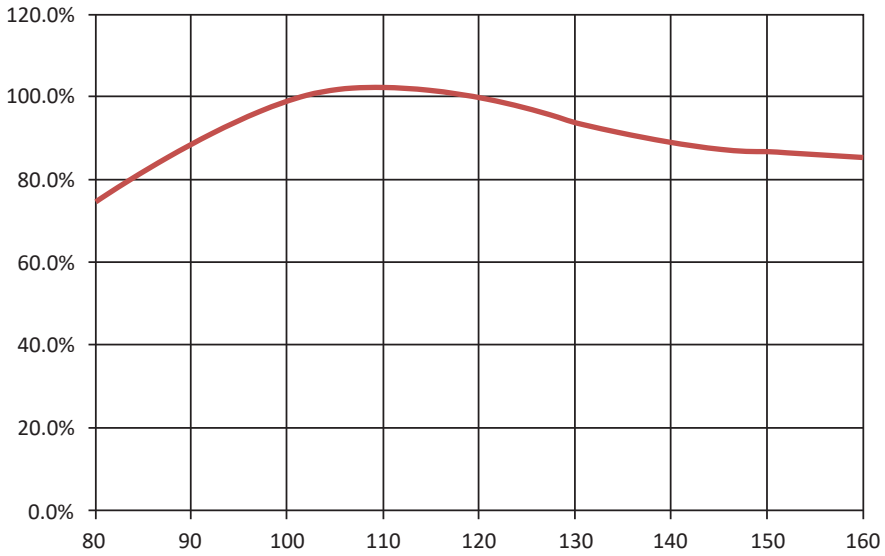
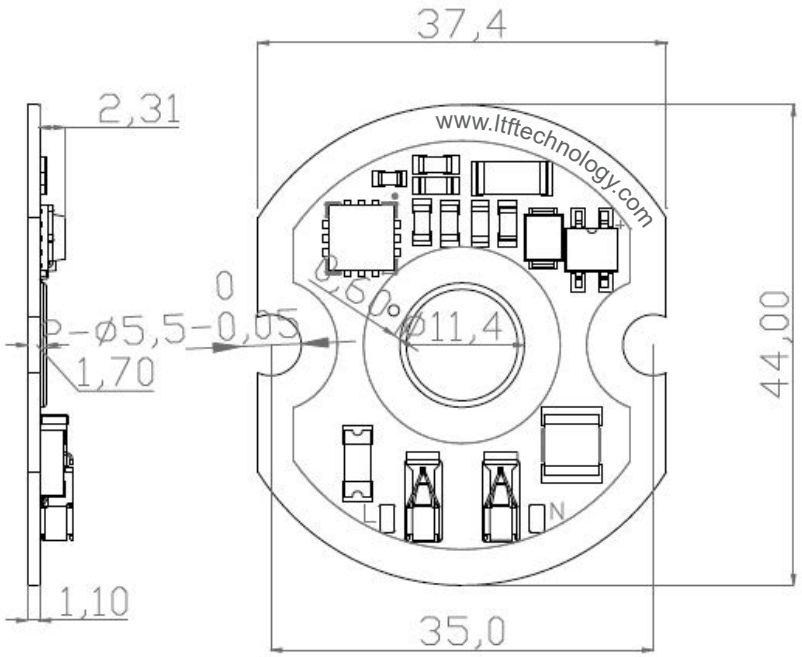
## RELATIVE POWER DISTRIBUTION VS. VOLTAGE AT Ta=25°C




## MECHANICAL SPECIFICATIONS

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