

ZOBO – ZQ60

Blended Beam, Color-Adjustable DMX Lamps

The ZOBO ZQ Series lamps are patented Blended Beam lights that have an innovative high-performance LED light engine with a central cluster of RGLW emitters and a DMX control system inside a traditional PAR30 form factor. Good for retrofitting house lights and tracks, the ZQ family of LED lamps produce fully homogenized color beams as well as calibrated white CCTs. Using Luxapel's custom high-definition drivers there is no flicker with smooth dimming effects controlled via a wired or wireless DMX interface.



KEY FEATURES

- High-performance, blended beam RGLW LED lamp for PAR 30/38 screw-in fixtures and cans
- No flicker and full-range output of colors or calibrated white CCTs with smooth dimming
- Wireless or wired control for DMX systems or utilize pre-set operating modes
- High quality color rendering with adjustable beam angles and uniform color-mixing
- Only 36W of power for 2100 lumen output, advanced cooling extends LED life
- Internal Digital Dimming from 100% to 0.1% (not compatible with line-power dimming circuits)

OPTICAL

- Multiple life-time calibrated CCT points with up to 97 CRI white light
- Proprietary 6-channel LED control system for no flicker and industry-leading color tuning
- Custom central cluster of RGLW LEDs with single mixing optic for beam blending.
- Standard 25-degree beam for uniform white or color floodlight illumination
- Works with a diffuser kit option for beam shaping: 35°, 40°, 50°, broad and oval diffusers

CONTROL OPTIONS

- ZQ60 – WXA*, embedded W-DMX receiver for wireless DMX control, with DIP switch to set address.
- ZQ60 – HXA*, embedded W-DMX receiver for wireless DMX control, with BLE receiver to operate with Bluetooth and set DMX address
- ZQ60 – SXA*, embedded W-DMX receiver for wireless DMX control, with BLE socket for DMX configuration using mobile app.
- ZQ60 – BXA uses a Bluetooth module for operation with Bluetooth app only.
- Standalone operation capability for preset color modes and sequences using DIP switch presets
- * Requires W-DMX transmitter (TRW1) for operation with W-DMX configuration.

ELECTRICAL

- AC or DC operation with input of 85-277VAC/50-60Hz, 100-370VDC, 36W max. power load

MECHANICAL

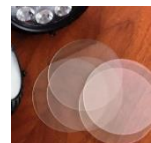
- E26, Edison-type screw-in base
- Durable, paintable, cool-to-touch polymer housing

SPECIFICATIONS

Operating Modes (AX1, DX1)	
Blended-Color	4-channel or 6ch DMX512
Selectable-White	12 Static CCT's
Selectable-Color	12 Static RGLBW
Sequences	8 pre-programmed sequences
Beam Output and Shape	
Max White Flux (lumens)	2100
Max White Illuminance (Lux@2m)	2040
Calibrated CCT Range	2200K – 6500K
Beam @ FWHM /Field angle (degrees)	25 / 45
Beam angle w / Optional diffusers	35,40, 50 oval
LED emitters (custom 6-ch system)	17 chip RGLBW cluster
Beam width (meters) @ 3.0m (10')	1.8m
Mechanical	
Cooling	Active convective
Housing Material	PC/ABS
Lens Material	Polycarbonate
Weight	0.22 kg (0.5 lb.)
Max Ambient Operating temperature	40°C (105°F)
Electrical	
Current max (A)	0.19 @110V
Voltage (operating range)	85/277 VAC, 50/60Hz
Power Consumption (Watts)	0.1 to 36W
Efficacy (lumens/watt)	>58 L/W
Remote Communication methods	Bluetooth or Wireless DMX

OPTIONS

- DK1 - Diffuser Kit with interchangeable micro-lens sheets to change beam angle from narrow flood to wide flood or elliptical shape.



Call: 833.LUX.LITE or email: info@luxapel.com for more info or to get a quote.

DIMENSIONS

