A.leda B-EYE K10 Easy

C61415

CE ⏚ **IP20** t$_a$ 40°C t$_c$ 90°C ETL Intertek LED ◖ ....0.2....m

A.LEDA B-EYE K10 Easy

From Wash to Beam with no compromise

A.LEDA B-EYE K10 Easy is a versatile LED-based moving light that can be used in many diverse ways, even within the same project.
It is an excellent quality wash light, able to wash surfaces with colors at any distance, making the most of its light source.
It is brighter than any LED-wash with the same rated power, thanks to its special optical unit with a truly amazing lumen/watt ratio, designed and built by Clay Paky. The zoom ranges from 4° to 60° and it is therefore suitable both for environments with low ceilings (small theatres and TV studios, for example), where large angles are extremely useful, and for shows in arenas or large environments, where a tight zoom is perfect.
When the B-EYE beam is zoomed down to 4°, the "wash" light turns into a "beam" fixture. The B-EYE therefore becomes a surprising mid-air parallel effect light, capable of generating a pulsating beam of micro-rays, which may be controlled individually, each with its own colors and shades. All the parameters of each LED can be completely controlled.

- Source Type: RGBW LED
- LED Nominal Wattage: 15W
- Number of LEDs: 19
- Versatile, two operating modes: wash and beam
- Unique optical system, featuring unmatched zoom range (4°-60°) and even light spread

- Individual LED control for each parameter
- invisible front grid
- Exclusive parallel beam consisting of an array of individually controllable micro-beams
- Enhanced electronic engine for dynamic beam pattern design, with digital accuracy and repeatability
- Art-Net / RDM
- White CT Emulation 2500-8000K
- RGB auto-tuning to lamp CT Emulation
- Tungsten Lamp Emulation

POWER SUPPLIES

100-240V 50/60Hz

INPUT POWER

450VA

LIGHT SOURCE

19 Osram Ostar RGBW LEDs
LED Nominal Wattage: 15W
LED Average Life: 50,000 h

OPTICS

4°-60° Electronic Zoom Range

EFFECTS SECTION

Two operating modes: wash and beam - Pixel Patterning Macros with enhanced control
0-100% linear electronic dimmer - Adjustable speed stop/strobe effect, with instantaneous blackout
Dedicated channel for color temperature setting
White CT Emulation 2500-8000K
RGBW auto-tuning to lamp CT Emulation
Tungsten Lamp Emulation
Slow Strobe: 1 flash/sec
Fast Strobe: 25 flash/sec

CONTROL AND PROGRAMMING

Control channels: 20 in standard mode - protocol signal: USITT DMX 512
Art-Net / RDM - Display: Graphic LCD backlit b/w Display
Pan/Tilt Resolution: 16 bit - Dimmer Resolution: 16 bit
Movement control: vectorial - DMX signal connection: 5 pole XLR input and output
Software upload through DMX input

BODY

Aluminum structure with die-cast plastic cover - Two side handles for transportation - PAN lock for transport and maintenance

MOVING BODY

Movement by means of two stepper motors, controlled by microprocessor
Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit.
Travel:
- PAN = 540°
- TILT = 210°

ELECTRONICS

Long-life auto-charging buffer battery - Preset color and graphic effect macros
Function reset controllable from a central control unit - Menu-driven internal self-test function
Display: backlit black-and-white graphic LCD display - Electronic check-up of every single parameter with error alarm
DMX level monitoring on each channel - Automatic internal data transmission error diagnostics
Firmware upgrade even when the unit is not connected to the power supply - Firmware transfer from one light to another

SAFETY DEVICES

Automatic power safety derating in case of overheat of the LED board - Forced ventilation

WORKING POSITION

Working in any position - Hanging system: with fast-lock omega clamps (1/4 turn) on the base

CE MARKING
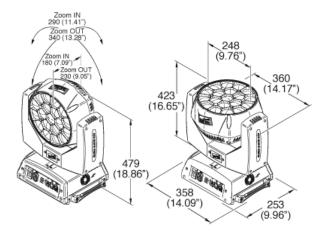
In conformity with the European Directives:
• 2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD)
• 2014/30/EU - Electromagnetic Compatibility (EMC)
• 2011/65/EU - Restriction of the use of certain hazardous substances (RoHS)
• 2009/125/EC - EcoDesign requirements for Energy-related Products (ErP)

ETL

This product is available, on demand, with cETLus Listed Mark, that complies with the UL 1573, UL 8750 and CSA C22.2 No. 166 standards.

WEIGHT

14.5 Kg (31.9 lbs)