



Total Color and Color Temperature Control

The A.leda B-EYE K20 CC is a special version of the B-EYE, designed for lighting designers who only want a wash light, but still want to be able to use the superior optical unit of Clay Paky's award-winning B-EYE.

For this case, where no mid-air effects and graphic projections are needed, Clay Paky has created a "simpler" B-EYE version. Unlike the full version, the B-EYE CC does not provide control of each pixel and does not have a rotating front lens.

It is therefore an extraordinarily bright LED wash, with a perfectly uniform light, a wide zoom (from 4 to 60 degrees), and complete color and white light management. The B-EYE K20 CC is a "backbone" tool for TV studios, theatres, tours, corporate events, show rooms and theme parks.

- Source Type: RGBW LED
- LED Nominal Wattage: 15W
- Number of LEDs: 37
- Unique optical system, featuring unmatched zoom range (4°-60°) and even light spread
- Invisible front grid

- Preset color and effects macros
- White CT Emulation 2500-8000K
- RGB auto-tuning to lamp CT Emulation
- Tungsten Lamp Emulation
- 0-100% electronic dimmer
- Adjustable stop/strobe, with instantaneous beam stop (1-25 flashes/s)
- Remote Device Management (RDM)
- Weight: 21 Kg (46.3 lbs)
- Size H: 589 mm (23.19"), W: 330 mm (13"), L: 395 mm (15.55")

POWER SUPPLIES

100-240V 50/60Hz

INPUT POWER

550VA

LIGHT SOURCE

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

OPTICS

4°-60° Electronic Zoom Range

EFFECTS SECTION

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
protocol signal: USITT DMX 512
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 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

21 kg (46.3 lbs)

