

Ayla K20

37x40W LED Bee-Eye Wash



Expression in motion, at full scale. 1500W of OSRAM RGBW pixels with 2°-60° auto-focus zoom, silent 16-bit 540°/270° motion, and kaleidoscope and vortex effects: a wash that moves like a surface.

A bee-eye wash earns its place by how it moves as a field of light, not as a single point. Ayla K20 is Orion's largest expression of that idea: 37 individually driven 40W RGBW cells behind one lens array, with 1500W of output that can fill a stage as a wash or cut across it as a beam.

The optics cover a 2°-60° DMX linear zoom with auto-focus, so a tight aerial beam and a wide, even wash are one cue apart. Built-in CTO with DMX linear adjustment, 0-100% dimming with gamma correction, and an adjustable dimming frequency of 1.2-25kHz keep color and fades clean on broadcast cameras as well as in the room. A bi-directional endless-rotating lens disk and individual pixel control open up kaleidoscope and vortex looks. Beam, wash, kaleidoscope, and vortex presets are ready from the first power-up, with built-in strobe and chaser programs behind them.

Motion is where Orion lives, and the K20 delivers it quietly. Silent high-speed 3-phase motors with magnetic encoder positioning drive 540° of pan and 270° of tilt at 16-bit resolution, with adjustable speed, X/Y invert, and auto re-homing. Strobe runs 0.3-25 flashes per second, synchronous or asynchronous, so the fixture can punctuate a cue as well as carry it.

Five channel modes, from a compact 22CH to a full 170CH, fit the fixture to the console and the programmer. Full DMX512 and RDM control, 3-pin XLR (5-pin optional), and PowerCON daisy-chaining keep it easy to rig. A copper-tube radiator, a variable-speed smart fan, and a thermal noise balance module keep the K20 cool and quiet, while a 2.8" touch screen reports faults and temperature at a glance. If the signal is lost, the fixture goes to sleep on its own. The LED is rated for 30,000 hours.

Many beams moving as one surface is what makes a room feel alive. Ayla K20 is built to do it, night after night.

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SPECIFICATION

Light Source	37 × 40W 4-in-1 RGBW LED
Rated Power	1500W
Input Voltage	AC 90-220V, 50/60Hz
Lifespan	30,000 hours
Zoom	2°-60° DMX linear, auto-focus
Color	RGBW mixing; built-in CTO, DMX linear adjustment
Dimming	0-100% linear, gamma correction; 1.2-25kHz adjustable frequency, macro dimming
Strobe	0.3-25 flashes/sec, synchronous/asynchronous/random
Pan / Tilt	540° / 270°, 16-bit
Drive	Silent high-speed 3-phase motors, magnetic encoder positioning
Motion Functions	Adjustable speed, X/Y invert, auto re-homing
Effect Presets	Beam, wash, kaleidoscope, vortex
Lens Disk	Bi-directional endless rotation, seamless aspheric lens array
Pixel Control	Individual LED pixel control, built-in strobe and chaser programs
Control	DMX512, RDM
Channel Modes	22CH (compact), 36CH, 133CH, 147CH, 170CH (standard)
Connectors	3-pin XLR DMX (5-pin optional), PowerCON daisy chain
Sleep Mode	Auto sleep on signal loss
Display	2.8" touch screen, bilingual menu, fault and temperature readout
Cooling	Copper-tube radiator, variable-speed smart fan, thermal noise balance module
IP Rating	IP22
Dimensions	50 × 29 × 48.9 cm
Net Weight	24.6 kg