

COLORado PXL Bar 16

COLORado PXL Bar 16 is a motorized, outdoor-ready tilting batten with zoom capabilities for creating bright, seamless, and pixel-mappable looks with advanced color and macro control.

Its versatile design is ideal for creating dynamic visual effects in touring, festival, and architectural applications, whether mounted on truss or positioned on the ground.

- Features sixteen 45W RGBW LEDs for intense, high-output pixel effects and washes.
- Offers a wide motorized zoom range of 5.8° to 47.9° for flexible beam shaping.
- Provides swift and quiet 200-degree motorized tilt for dynamic and precise positioning.
- Allows for full pixel mapping with individual control of all sixteen LEDs.
- Built with a rugged IP65-rated housing for reliable performance in any weather condition.
- Designed for seamless edge-to-edge mounting to maintain a consistent pixel pitch.



SPECIFICATIONS

Optical

Light Source: 16 LEDs (quad-color RGBW) 45 W, (3.0 A), 8875 K, 50,000 hours life expectancy.

Color Temperature (calibrated white): 6122 K

CRI: 61.6

Beam Angle: 5.8° to 30.4°

Beam Angle single cell: 4° to 29.9

Field Angle: 8.9° to 42.2°

Field Angle single cell: 5.4° to 42.3°

Cutoff Angle: 10° to 47.9°

Cutoff Angle single cell: 6.1° to 45.5°

Zoom Range: 5.8° to 47.9°

Zoom Range single cell: 4° to 45.5°

Lumens (43.3°): 8,959

Illuminance:

Illuminance (5.7°): 27,415 lux @ 5 m

Illuminance (43.3°): 1,294 lux @ 5 m

Selectable PWM: 600 Hz, 1,200 Hz, 2,000 Hz, 4,000 Hz, 6,000 Hz, 15,000 Hz

Dynamic Effects

Tilt: 200°

Tilt Ranges: 60°, 180°, 200°

Dimmer: Electronic

Shutter/Strobe: Electronic

Zoom: Motorized

Strobe Rate: 0 to 20 Hz

Dim Modes: 2

Dim Curves: 4

Construction / Physical

Dimensions: 39.37 x 5.47 x 10.75 in (1000 x 139 x 273 mm)

Weight: 45.6 lb (20.7 kg)

Exterior Color: Black

Housing Material: Aluminum alloy, Aluminum diecast, High-impact flame-retardant polymer

Connections

Power Connection: Bare end to Seetronic Powerkon IP65

Power Input: Seetronic Powerkon IP65

Power Output: Seetronic Powerkon IP65

Data Connectors: 5-pin IP rated, Seetronic IP rated RJ45 Connectors in/out

Cable Length (power): 5 ft (1.5 m)

Control

Control Protocol: Art-Net, Kling-Net, DMX, RDM, sACN

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Fuse: 12 A, 250 V

Power Linking: 0 unit @ 120 V; 3 units @ 208 V; 3 units @ 230 V

Power and Current: 790 W, 6.60 A @ 120 V, 60 Hz

Power and Current: 771 W, 3.821 A @ 208 V, 60 Hz

Power and Current: 768 W, 3.485 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET, FCC

IP Rating: IP65, temporary outdoor/wet use, with pressure equalizing M12 GORE valve

Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)

Optional Accessories

Clamps
Neutrik powerCON cables
Neutrik etherCON cables
DMX Cables
Upload_08 software uploader
Flight cases

What's Included

COLORado PXL Bar 16
Seetronic Powerkon IP65
2 Omega bracket with mounting hardware