COLORado PXL Curve 12



A fully pixel-mappable, motorized IP65-rated RGBW LED batten that offers individual control of zoom, tilt, and color across its twelve independent heads for creating complex, volumetric looks.
Its seamless edge-to-edge mounting and weatherproof design make it ideal for creating consistent runway effects for concert tours, festivals, and broadcast environments.

- Houses twelve powerful 45 W RGBW LEDs for intense, vibrant color mixing and high output.
- Offers individual head control with a quiet and quick 200-degree motorized tilt range.
- Delivers a versatile 5.7° to 36.3° zoom range on each head for tight beams or wide washes.
- Features a built-in effects engine with virtual gobos and movement macros for complex animations.
- Built with an IP65-rated housing and weatherproof connections for reliable outdoor and touring use.
- Supports multiple control protocols including Art-Net, sACN, DMX, Kling-Net, and RDM.

SPECIFICATIONS

Optical

Light Source: 12LEDs (RGBW) 45 W, (2.96 A) 50,000 hours life expectancy

Color Temperature (range): 2700 to 8000 K

Beam Angle:

Spot: 5.7°

Flood: 26.8°

50% Zoom: 13.8°

Field Angle:

Spot: 9°

Flood: 33.9°

50% Zoom: 19.2°

Cutoff Angle:

Spot: 9.9°

Flood: 36.3°

50% Zoom: 21.6°

Zoom Range: 5.7° to 36.3°

Lumens: 5,807 lm

Illuminance:

Illuminance (Spot): 38,727 lux @ 5 m

Illuminance (Flood): 1,120 lux @ 5 m

Selectable PWM: 600, 1200 Hz, 2000 Hz, 4000 Hz, 6000 Hz, 15000 Hz

Dynamic Effects

Tilt: 200°

Tilt Range: 60°, 180°, 200°

Dimmer: Electronic

Shutter/Strobe: Electronic

Strobe Rate: 0 to 20Hz

Standalone Color Mixing: No

Color Temperature Presets: Yes

Dim Modes: 5

Built-in Automated Programs: Yes

Customizable Programs: Yes

Recall Custom Programs: Yes

Construction / Physical

Dimensions: 39.21 x 7.09 x 12.80 in (996 x 180 x 325 mm)

Weight: 76 lb (34.5 kg)

Exterior Color: Black

Housing Material: Aluminum die-cast, High-Impact flame-retardant polymer, Steel

Connections

Power Connection: Edison (Local) plug to Seetronic Powercon IP65

Power Input: Seetronic Powercon IP65

Power Output: Seetronic Powercon IP65

Data Connectors: 5-pin IP65 XLR, Seetronic etherCON IP65

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

Control

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

DMX Channels: 20ch, 53ch, 101ch, 155ch, 179ch

Art-Net Channels: 20ch, 53ch, 101ch, 155ch, 179ch

sACN Channels: 20ch, 53ch, 101ch, 155ch, 179ch

Modes/Personalities: 5 personalities(20ch, 53ch, 101ch, 155ch, 179ch)

Electrical

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

Power Linking: 1 units @ 120 V; 3 units @ 208 V; 3 units @ 230 V

Power and Current: 790 W, 6.70 A @ 120 V, 60 Hz

Power and Current: 772 W, 3.80 A @ 208 V, 60 Hz

Power and Current: 768 W, 3.44 A @ 230 V, 50 Hz

Fuse: F12 A, 250 V

Certifications / Qualifications

Certifications: CE, MET, UKCA, FCC

IP Rating: IP65, temporary outdoor/wet use

Noise Levels:

Noise Level (Idle): 4.3 dB(A) @ 1 m

Noise Level (Auto): 29.7 dB(A) @ 1 m

Noise Level (Max): 29.3 dB(A) @ 1 m

Temperature (Ambient): 14 °F to 113 °F (-10 °C to 45 °C)

Optional Accessories

Professional Clamps
Neutrik TRUE1 power linking cables
5-pin DMX Cables
Ethercon Cables
UPLOAD 08

What's Included

COLORADO PXL Curve 12
(2) Omega brackets
Seetronic Powercon IP65 power cord