



COLORado Expo W

A rugged IP65-rated wash light projecting over 5,000 lumens of high-quality 3200K warm white light, featuring smooth 16-bit dimming and superior color rendering. Perfectly suited for broadcast, theatre, trade shows, and architectural applications requiring high-quality, flicker-free warm white illumination in any environment.

- Delivers exceptional color rendering for broadcast with a CRI of 97.9 and TLCI of 98.
- Projects a focused wash with a 12.7° beam angle and 23.4° field angle.
- Offers an onboard rotary dimming dial for intuitive, manual control without a console.
- Selectable PWM provides flicker-free performance, ideal for broadcast and on-camera applications.
- Simplifies setup by power linking up to 18 units at 230V on a single circuit.
- Supports DMX and RDM control with four channel personalities for operational flexibility.

SPECIFICATIONS

Optical

Light Source: 1 LED (WW) 117 W, (2.187 mA), 3283 K 50,000 hours life expectancy.

Color Temperature (at full): 3283

CRI: 97.9

TLCI: 98

Beam Angle: 12.7°

Field Angle: 23.4°

Lumens: 5237

Illuminance (49°): 254 lux @ 5 m

Illuminance (total): 2403 lux @ 5 m

Selectable PWM: 600Hz, 1200Hz, 2000Hz, 2400Hz, 6000Hz, 18,000 Hz

Dynamic Effects

Dimmer: Electronic

Shutter/Strobe: Electronic

Strobe Rate: 0 to 25Hz

Dim Modes: 4

Built-in Automated Programs: Yes

Construction / Physical

Dimensions: 11.42 x 9 x 15.83 in (290 x 228 x 402 mm)

Weight: 16.4 lb (7.4 kg)

Exterior Color: Black

Housing Material: Magnesium alloy

Accessory Holder/Gel Frame Size: 7.5 in (190 mm)

Connections

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

Power Input: Seetronic Powerkon IP65

Power Output: Seetronic Powerkon IP65

Data Connectors: 5-pin XLR

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

Control

Control Protocol: DMX, RDM

DMX Channels: 1, 2, 3 or 4

Modes/Personalities: 4 personalities (1ch, 2ch, 3ch, 4ch)

Electrical

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

Power Linking: 8 units @ 100 V; 9 units @ 120 V; 16 units @ 208 V; 18 units @ 230 V; 18 units @ 240 V

Power and Current: 150 W, 1.495 A @ 100 V, 60 Hz [9.6 A inrush]

Power and Current: 149 W, 1.234 A @ 120 V, 60 Hz [7.4 A inrush]

Power and Current: 145 W, 0.723 A @ 208 V, 60 Hz [6.4 A inrush]

Power and Current: 145 W, 0.657A @ 230 V, 50 Hz [6.8 A inrush]

Power and Current: 145 W, 0.633 A @ 240 V, 50 Hz [7.0 A inrush]

Power and Current (resting): 7 W, 0.100 A @ 100 V, 60 Hz

Power and Current (resting): 7 W, 0.098 A @ 120 V, 60 Hz

Power and Current (resting): 6 W, 0.115 A @ 208 V, 60 Hz

Power and Current (resting): 6 W, 0.121 A @ 230 V, 50 Hz

Power and Current (resting): 6 W, 0.125 A @ 240 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET, FCC, ETL, cULus, UKCA

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

What's Included

COLORado Expo W
Seetronic Powerkon IP65 power cord
Gel Frame
Omega Bracket
Warranty Card
Quick Reference Guide