



## 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:

**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