

# Ovation E-910FC IP

## FEATURES

- Full Color LED (RGBAL) ERS-style lighting fixture for theatre, film and production
- Fully IP65 rated for seasonal use indoors or out
- Use of our standard Ovation beam shaping shutters and lenses lends familiarity and ease of use to the fixture
- Virtual Color wheel with color matched to popular gel colors
- Color Temperature Presets from 2800 K to 6500 K with high CRI and CQS
- Ultra smooth 16-bit dimming, and 8-bit dimming curves to complement any lighting scheme
- Flat, even field of light for superior gobo projection
- RDM (Remote Device Management) for added flexibility
- Adjustable PWM (Pulse Width Modulation) to avoid flickering on camera



## SPECIFICATIONS

### OPTICAL

- Light Source: 91 LEDs (18 red, 18 green, 19 blue, 18 amber, 18 lime green) 3 W, (722 mA), 6031 K, 50,000 hours life expectancy
- Color Temperature (range): 2800 to 6500 K
- Color Temperature (at full): 6031 K
- CRI (3200 K): 86
- Beam Angle (w/5° lens): 7°
- Beam Angle (w/10° lens): 10°
- Beam Angle (w/14° lens): 11°
- Beam Angle (w/19° lens): 19°
- Beam Angle (w/26° lens): 24°
- Beam Angle (w/36° lens): 28°
- Beam Angle (w/50° lens): 41°
- Beam Angle (w/15°–30° lens)(Narrow): 13°
- Beam Angle (w/15°–30° lens)(Wide): 24°
- Beam Angle (w/25°–50° lens)(Narrow): 23°
- Beam Angle (w/25°–50° lens)(Wide): 36°
- Field Angle (w/5° lens): 7°
- Field Angle (w/10° lens): 10°
- Field Angle (w/14° lens): 14°
- Field Angle (w/19° lens): 19°
- Field Angle (w/26° lens): 26°
- Field Angle (w/36° lens): 34°
- Field Angle (w/50° lens): 51°
- Field Angle (w/15°–30° lens)(Narrow): 15°
- Field Angle (w/15°–30° lens)(Wide): 29°
- Field Angle (w/25°–50° lens)(Narrow): 26°
- Field Angle (w/25°–50° lens)(Wide): 50°
- Lumens (w/5° lens): 1,807
- Lumens (w/10° lens): 3,961
- Lumens (w/14° lens): 2,827

- Lumens (w/19° lens): 3,236
- Lumens (w/26° lens): 4,316
- Lumens (w/36° lens): 3,918
- Lumens (w/50° lens): 3,813
- Lumens (w/15°–30° lens)(Narrow): 4,028
- Lumens (w/15°–30° lens)(Wide): 1,553
- Lumens (w/25°–50° lens)(Narrow): 5,261
- Lumens (w/25°–50° lens)(Wide): 7,263
- Illuminance (w/5° lens): 16,300 lux @ 5 m
- Illuminance (w/10° lens): 7,430 lux @ 5 m
- Illuminance (w/14° lens): 4,420 lux @ 5 m
- Illuminance (w/19° lens): 2,530 lux @ 5 m
- Illuminance (w/26° lens): 1,720 lux @ 5 m
- Illuminance (w/36° lens): 1,020 lux @ 5 m
- Illuminance (w/50° lens): 457 lux @ 5 m
- Illuminance (w/15°–30° lens)(Narrow): 4,260 lux @ 5 m
- Illuminance (w/15°–30° lens)(Wide): 1,620 lux @ 5 m
- Illuminance (w/25°–50° lens)(Narrow): 1,790 lux @ 5 m
- Illuminance (w/25°–50° lens)(Wide): 825 lux @ 5 m
- Selectable PWM: 600 Hz, 1200 Hz, 2000 Hz, 4000 Hz, 6000 Hz, 25000Hz

## DYNAMIC EFFECTS

- Dimmer: Electronic
- Shutter/Strobe: Electronic
- Focus: Manual
- Strobe Rate: 0 to 28 Hz
- Standalone Color Mixing: Yes
- Color Temperature Presets: Yes
- Dim Modes: 4
- Built-in Automated Programs: Yes

## CONSTRUCTION / PHYSICAL

- Dimensions (fixture only): 26 x 11.33 x 10.4 in (660 x 287.9 x 264.6 mm)
- Dimensions (w/5° lens extended): 47.04 x 14.17 x 14.48 in (1195 x 360 x 368 mm)
- Dimensions (w/10° lens extended): 38.3 x 12.16 x 12.48 in (973 x 309 x 317 mm)
- Dimensions (w/14° lens extended): 35.2 x 11.33 x 10.4 in (894.2 x 287.9 x 264.6 mm)
- Dimensions (w/26° lens extended): 32.37 x 11.33 x 10.4 in (822.3 x 287.9 x 264.6 mm)
- Dimensions (w/15°–30° lens): 38.6 x 11.33 x 10.4 in (980.6 x 287.9 x 264.6 mm)
- Dimensions (w/25°–50° lens): 31.3 x 11.33 x 10.4 in (795.1 x 287.9 x 264.6 mm)
- Weight (fixture only): 23.2 lb (10.5 kg)
- Weight (w/14° lens): 28.6 lb (12.9 kg)
- Weight (w/26° lens): 27.4 lb (12.4 kg)
- Weight (w/15°–30° lens): 35.8 lb (16.2 kg)
- Weight (w/25°–50° lens): 32.8 lb (14.8 kg)
- Exterior Color: Black
- Gobo Size (Optional): "A": 100 mm (outside), 75 mm (image), 2.5 mm (max. thickness)
- Gobo Size (Optional): "B": 86 mm (outside), 64.5 mm (image), 2.5 mm (max. thickness)
- Accessory Holder/Gel Frame Size (5° lens): 14 in (356 mm)
- Accessory Holder/Gel Frame Size (10° lens): 12 in (304 mm)
- Accessory Holder/Gel Frame Size (14° lens): 7.5 in (191 mm)
- Accessory Holder/Gel Frame Size (19°, 26°, 36°, and 50° lens): 6.25 in (159 mm)
- Accessory Holder/Gel Frame Size (15°–30° lens): 7.5 in (191 mm)
- Accessory Holder/Gel Frame Size (25°–50° lens): 7.5 in (191 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, 4, 6, 8, 11, 13, 14, 16 or HSV
- Modes/Personalities: 9 personalities (1, 4, 6, 8, 11, 13, 14, 16 or HSV)

## ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 7 units @ 120 V; 11 units @ 208 V; 12 units @ 230 V
- Power and Current: 225 W, 1.88 A @ 120 V, 60 Hz
- Power and Current: 236 W, 1.14 A @ 208 V, 60 Hz
- Power and Current: 241 W, 1.05 A @ 230 V, 50 Hz

## CERTIFICATIONS / QUALIFICATIONS

- CE, MET, FCC
- IP Rating: IP65, outdoor/wet, with pressure equalizing M12 GORE valve
- Noise Level (Idle): 31.9 dB(A) @ 1 m
- Noise Level (Auto): 24.1 dB(A) @ 1 m
- Noise Level (On): 31.6 dB(A) @ 1 m
- Noise Level (Off): 4.6 dB(A) @ 1 m
- Noise Level (Silent): 24.0 dB(A) @ 1 m
- Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)

## WHAT'S INCLUDED

- Ovation E-910FC IP
- Seetronic Powerkon IP65

## OPTIONAL ACCESSORIES

- Professional Clamps: CTC-50HC, CTC-50HCN
- Neutrik powerCON cables
- 3-pin or 5-pin IP Rated DMX Cables
- Color Blending Filters: DF60X1D, DF20D
- RDM2go
- Ovation Zoom Lenses: OHDZOOM1530, OHDZOOM2550
- Ovation Glass Gobo Holder
- Ovation Metal Gobo Holder
- Ovation Iris