

# Ovation E-910FC

## FEATURES

- Full Color LED (RGBAL) ERS-style lighting fixture for theatre, film and production
- Ultra smooth 16-bit dimming of master dimmer and individual colors
- Flat, even field of light with superior color mixing
- Virtual Color wheel with color matched to popular gel colors
- Color Temperature Presets from 2800 K to 6500 K with high CRI & CQS
- RDM (Remote Device Management) for added flexibility
- Adjustable PWM (Pulse Width Modulation) to avoid flickering on camera
- Virtually silent operation for use in studio and theatre applications
- Works perfectly with industry standard lens tubes and accessories



## 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 (L70)
- 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
- Barrel Rotation: +/- 27°
- Selectable PWM: 600 Hz, 1,200 Hz, 2,000 Hz, 4,000 Hz, 6,000 Hz, 25,000 Hz

## 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): 19.49 x 11.22 x 19.17 in (495 x 285 x 487 mm)
- Dimensions (w/14° lens extended): 28.74 x 11.22 x 19.17 in (730 x 285 x 487 mm)
- Dimensions (w/26° lens extended): 25.91 x 11.22 x 19.17 in (658 x 285 x 487 mm)
- Dimensions (w/15°–30° lens): 32.87 x 14.61 x 14.61 in (835 x 371 x 371 mm)
- Dimensions (w/25°–50° lens): 27.17 x 14.61 x 14.61 in (690 x 371 x 371 mm)
- Weight (fixture only): 15.4 lb (7.1 kg)
- Weight (w/14° lens): 20.8 lb (9.43 kg)
- Weight (w/26° lens): 19.8 lb (9 kg)
- Weight (w/15°–30° lens): 29.4 lb (13.3 kg)
- Weight (w/25°–50° lens): 27 lb (12.2 kg)
- Exterior Color: Black or White
- 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 Neutrik powerCON
- Power Input: Neutrik powerCON
- Power Output: Neutrik powerCON
- Data Connectors: 5-pin XLR
- Cable Length (power): 5 ft (1.5 m)
- Software Connection: USB

## CONTROL

- Protocol(s): DMX, RDM
- DMX Channels: 1, 3, 5, 7, 10, 12, 13, 16 or HSV
- Modes/Personalities: 8 personalities (1, 3, 5, 7, 10, 12, 13, 16 or HSV)

## ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 6 units @ 120 V; 13 units @ 208 V; 14 units @ 230 V
- Power and Current: 220 W, 2.171 A @ 100 V, 60 Hz
- Power and Current: 215 W, 1.786 A @ 120 V, 60 Hz
- Power and Current: 214 W, 1.032 A @ 208 V, 60 Hz
- Power and Current: 216 W, 0.935 A @ 230 V, 50 Hz
- Power and Current: 217 W, 0.904 A @ 240 V, 60 Hz

## CERTIFICATIONS / QUALIFICATIONS

- CE, MET, FCC
- IP Rating: IP20, dry location
- Noise Level (Idle): 1.0 dB(A) @ 1 m
- Noise Level (Auto): 16.8 dB(A) @ 1 m
- Noise Level (On): 29.6 dB(A) @ 1 m
- Noise Level (Off): 13.8 dB(A) @ 1 m
- Noise Level (silent): 25.6 dB(A) @ 1 m

## WHAT'S INCLUDED

- OVATION E-910FC
- [Neutrik powerCON power cord](#)

## OPTIONAL ACCESSORIES

- Professional Clamps: [CTC-50HC](#), CTC-50HCN
- [Neutrik powerCON cables](#)
- [3-pin or 5-pin DMX Cables](#)
- Color Blending Filters: DF60X1D, DF20D
- Ovation Zoom Lenses: [OHDZOOM1530](#), [OHDZOOM2550](#)
- Gobo Holder: Standard "S4" size Sandwich Style or Iris Slot Style gobo holder for "A" or "B" size gobos