

# Ovation E-160WW

## FEATURES

- Warm white ERS style fixture with output similar to a tungsten 575 W source
- Draws less than 100 W of power, a true electrical bill reducing fixture
- 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
- Virtually silent operation for use in studio and theater applications



## SPECIFICATIONS

### OPTICAL

- Light Source: 1 LED (WW) 86 W, (2.3 A), 3031 K, 50,000 hours life expectancy
- Color Temperature (at full): 3031 K
- CRI: 90
- Beam Angle (w/5° lens): 4°
- Beam Angle (w/10° lens): 6°
- Beam Angle (w/14° lens): 8°
- Beam Angle (w/19° lens): 12°
- Beam Angle (w/26° lens): 16°
- Beam Angle (w/36° lens): 20°
- Beam Angle (w/50° lens): 31°
- Beam Angle (w/15°-30° lens)(Narrow): 10°
- Beam Angle (w/15°-30° lens)(Wide): 15°
- Beam Angle (w/25°-50° lens)(Narrow): 18°
- Beam Angle (w/25°-50° lens)(Wide): 24°
- Field Angle (w/5° lens): 7°
- Field Angle (w/10° lens): 10°
- Field Angle (w/14° lens): 14°
- Field Angle (w/19° lens): 18°
- Field Angle (w/26° lens): 25°
- Field Angle (w/36° lens): 33°
- Field Angle (w/50° lens): 50°
- Field Angle (w/15°-30° lens)(Narrow): 16°
- Field Angle (w/15°-30° lens)(Wide): 29°
- Field Angle (w/25°-50° lens)(Narrow): 28°
- Field Angle (w/25°-50° lens)(Wide): 48°
- Dimming Modes: 4
- Illuminance (w/5° lens): 40,600 lux @ 5 m
- Illuminance (w/10° lens): 20,000 lux @ 5 m
- Illuminance (w/14° lens): 10,814 lux @ 5 m
- Illuminance (w/19° lens): 6,253 lux @ 5 m

- Illuminance (w/26° lens): 3,189 lux @ 5 m
- Illuminance (w/36° lens): 1,918 lux @ 5 m
- Illuminance (w/50° lens): 743 lux @ 5 m
- Illuminance (w/15°–30° lens)(Narrow): 11,201 lux @ 5 m
- Illuminance (w/15°–30° lens)(Wide): 3,739 lux @ 5 m
- Illuminance (w/25°–50° lens)(Narrow): 3,699 lux @ 5 m
- Illuminance (w/25°–50° lens)(Wide): 1,424 lux @ 5 m
- 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
- Zoom: Manual
- Strobe Rate: 0 to 29 Hz
- Color Temperature Presets: Yes
- Dim Curve: 4
- Dim Modes: 4

## CONSTRUCTION / PHYSICAL

- Dimensions (fixture only): 19.49 x 11.22 x 19.17 in (495 x 285 x 487 mm)
- Dimensions (w/5° lens extended): 42.79 x 14.17 x 14.48 in (1087 x 360 x 368 mm)
- Dimensions (w/10° lens extended): 34.09 x 12.16 x 12.48 in (866 x 309 x 317 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): 14.2 lb (6.4 kg)
- Weight (w/5° lens): 20 lb (9.1 kg)
- Weight (w/10° lens): 18 lb (8.2 kg)
- Weight (w/14° lens): 19.6 lb (8.89 kg)
- Weight (w/26° lens): 18.4 lb (8.3 kg)
- Weight (w/15°–30° lens): 28.2 lb (12.7 kg)
- Weight (w/25°–50° lens): 25.8 lb (11.7 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: 3- and 5-pin XLR
- Cable Length (power): 5 ft (1.5 m)

## CONTROL

- Control Protocol: DMX, RDM

- DMX Channels: 1, 2, 3 or 6
- Modes/Personalities: 4 personalities (1, 2, 3, 6)

## ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 13 units @ 120 V; 23 units @ 208 V; 25 units @230V; 26 units @ 240 V
- Power and Current: 101 W, 0.86 A @ 120 V, 60 Hz
- Power and Current: 100 W, 0.51 A @ 208 V, 60 Hz
- Power and Current: 99 W, 0.47 A @ 230 V, 50 Hz

## CERTIFICATIONS / QUALIFICATIONS

- CE, MET, FCC, UKCA
- IP Rating: IP20, dry location

## WHAT'S INCLUDED

- Ovation E-160WW
- [Seetronic Powerkon IP65](/accessories/)

## OPTIONAL ACCESSORIES

- Professional Clamps: [CTC-50HC, CTC-50HCN](/accessories/#clamps)
- [TRUE 1 Style power extension cables](/accessories/)
- [3-pin or 5-pin DMX Cables](/accessories/)
- Color Blending Filters: DF60X1D, DF20D
- RDM2go
- Ovation Zoom Lenses: OHDZOOM1530, OHDZOOM2550
- Gobo Holder: Standard "S4" size Sandwich Style or Iris Slot Style gobo holder for "A" or "B" size gobos