



Ovation E-160WW

Ovation E-160WW is an energy saving wonder with an output that rivals a tungsten 575 W light source, yet draws less than 100 W of power. Dimming is extremely smooth, down to the very bottom of the curve. This virtually silent ellipsoidal projects a flat and even field of light for superior gobo projection. Control options include selectable PWM, RDM, and onboard dimming curve selections.



At a Glance

- 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) 88 W, (2.3 A), 3031 K, 50,000 hours life expectancy
- Color Temperature (at full): 3031 K
- CRI: 90
- 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/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/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): 9,361 lux @ 5 m
- Illuminance (w/15°–30° lens)(Wide): 2,947 lux @ 5 m
- Illuminance (w/25°–50° lens)(Narrow): 2,719 lux @ 5 m
- Illuminance (w/25°–50° lens)(Wide): 1,072 lux @ 5 m
- Selectable PWM: 600 Hz, 1,200 Hz, 2,000 Hz, 4,000 Hz, 25,000 Hz

Dynamic Effects

- Dimmer: Electronic
- Shutter/Strobe: Electronic
- Zoom: Manual
- Strobe Rate: 0 to 29 Hz
- Color Temperature Presets: Yes
- Dim Modes: 4

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): 14.2 lb (6.4 kg)
- Weight (w/14° lens): 19.6 lb (8.89 kg)
- Weight (w/26° lens): 18.4 lb (8.3 kg)

Connections

- Power Connection: Edison (Local) plug to Neutrik powerCON
- Power Input: Neutrik powerCON
- Power Output: Neutrik powerCON
- Data Connectors: 3- and 5-pin XLR
- Cable Length (power): 5 ft (1.5 m)

- 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": 94 mm (outside), 79 mm (image), 2.5 mm (max. thickness)
- Gobo Size (Optional): "B": 94 mm (outside), 69 mm (image), 2.5 mm (max. thickness)
- 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)

Control

- Control Protocol: DMX
- 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: 15 units @ 120 V; 26 units @ 208 V; 28 units @ 230 V
- Power and Current: 103 W, 0.9 A @ 120 V, 60 Hz
- Power and Current: 99 W, 0.5 A @ 208 V, 60 Hz
- Power and Current: 102 W, 0.5 A @ 230 V, 50 Hz

Certifications / Qualifications

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

What's Included

- Ovation E-160WW
- Neutrik powerCON power cord

Optional Accessories

- Ovation E-160WW
- Ovation E-160WW
- Neutrik powerCON cables
- 3-pin or 5-pin DMX Cables
- Color Blending Filters: DF60X1D, DF20D
- Ovation E-160WW
- Ovation Zoom Lenses: OEZOOM1530, OEZOOM2550
- Gobo Holder: Standard "S4" size Sandwich Style or Iris Slot Style gobo holder for "A" or "B" size gobos

Required Accessories

- Lens Tube: 19°, 26°, 36°, 50°