

# Ovation ED-200WW

## FEATURES

- Warm white ERS style fixture with output exceeding a tungsten 750 W source
- Works on conventional dimmers or constant power with DMX
- Auto-senses power/data and responds appropriately
- Superior low end dimming whether using dimmers or constant power
- Perfect fixture for the retrofit market, utilizes existing dimming infrastructure flawlessly
- 16-bit dimming resolution (DMX mode) for smooth fades
- Flat, even field of light for superior gobo projection
- Works perfectly with industry standard lens tubes and accessories
- Virtually silent operation for use in any situation



## SPECIFICATIONS

### OPTICAL

- Light Source: 1 LEDs (WW) 230 W, (3.4 A), 100,000 hours life expectancy
- Color Temperature (at full): 3334 K
- CRI: 97
- Beam Angle (w/5° lens): 7°
- Beam Angle (w/10° lens): 9°
- Beam Angle (w/14° lens): 11°
- Beam Angle (w/19° lens): 15°
- Beam Angle (w/26° lens): 19°
- Beam Angle (w/36° lens): 25°
- Beam Angle (w/50° lens): 35°
- Beam Angle (w/15°-30° lens)(Narrow): 11°
- Beam Angle (w/15°-30° lens)(Wide): 17°
- Beam Angle (w/25°-50° lens)(Narrow): 19°
- Beam Angle (w/25°-50° lens)(Wide): 30°
- Field Angle (w/5° lens): 7°
- Field Angle (w/10° lens): 10°
- Field Angle (w/14° lens): 14°
- Field Angle (w/19° lens): 17°
- 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): 13°
- Field Angle (w/15°-30° lens)(Wide): 28°
- Field Angle (w/25°-50° lens)(Narrow): 23°
- Field Angle (w/25°-50° lens)(Wide): 41°
- Lumens (w/5° lens):
- Lumens (w/10° lens):
- Lumens (w/14° lens):
- Lumens (w/19° lens): 11,534
- Lumens (w/36° lens): 13,946
- Lumens (w/50° lens): 12,754

- Lumens (w/15°-30° lens): 11,739 (@15°), 11,315 (@30°)
- Lumens (w/25°-50° lens): 14,243 (@25°), 12,834 (@50°)
- Illuminance (w/5° lens): 43,100 lux @ 5 m
- Illuminance (w/10° lens): 23,200 lux @ 5 m
- Illuminance (w/14° lens): 15,092 lux @ 5 m
- Illuminance (w/19° lens): 9,118 lux @ 5 m
- Illuminance (w/26° lens): 6,028 lux @ 5 m
- Illuminance (w/36° lens): 3,210 lux @ 5 m
- Illuminance (w/50° lens): 1,445 lux @ 5 m
- Illuminance (w/15°-30° lens)(Narrow): 15,879 lux @ 5 m
- Illuminance (w/15°-30° lens)(Narrow): 15,879 lux @ 5 m
- Illuminance (w/25°-50° lens)(Narrow): 5,958 lux @ 5 m
- Illuminance (w/25°-50° lens)(Wide): 2,283lux @ 5 m
- PWM Frequency: 600 Hz, 1200 Hz, 2000 Hz, 4000 Hz, 25,000 Hz

## DYNAMIC EFFECTS

- Dimmer: Electronic or External Dimmer Rack
- Shutter/Strobe: Electronic
- Focus: Manual
- Strobe Rate: 0 to 18 Hz
- Dim Modes: 5
- Dim Curves: 4

## CONSTRUCTION / PHYSICAL

- Dimensions: (fixture only): 21.5 x 15 x 15 in (545 x 380 x 380 mm)
- Dimensions: (w/5° lens extended): \*\*\* x 15 x 15 in (\*\*\*) x 380 x 380 mm)
- Dimensions: (w/10° lens extended): \*\*\* x 15 x 15 in (\*\*\*) x 380 x 380 mm)
- Dimensions: (w/26° lens extended): 26.5 x 15 x 15 in (673 x 380 x 380 mm)
- Dimensions: (w/15°-30° lens): 42 x 14.6 x 14.6 in (1,068 x 371 x 371 mm)
- Dimensions: (w/25°-50° lens): 36.3 x 14.6 x 14.6 in (923 x 371 x 371 mm)
- Weight (fixture only): 17.6 lb (7.9 kg)
- Weight (w/5° lens): 23.4 lb (10.6 kg)
- Weight (w/10° lens): 21.4 lb (9.7 kg)
- Weight (w/14° lens): 23 lb (10.4 kg)
- Weight (w/26° lens): 21.6 lb (9.8 kg)
- Weight (w/15°-30° lens): 30.2 lb (13.6 kg)
- Weight (w/25°-50° lens): 27.2 lb (12.3 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 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)

## CONTROL

- Control Protocol: DMX, RDM, Dimmer

- DMX Channels: 1, 2 or 3
- Modes/Personalities: 3 personalities (UNO, DOS, STD.P)

## **ELECTRICAL**

- Input Voltage: 120/230 VAC, 50/60 Hz (switchable)
- Power Linking: 6 units @ 120 V; 12 units @ 230 V
- Power and Current: 250 W, 2.074 A @ 120 V, 60 Hz
- Power and Current: 254 W, 1.103 A @ 230 V, 50 Hz

## **CERTIFICATIONS / QUALIFICATIONS**

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

## **WHAT'S INCLUDED**

- Ovation ED-200WW
- [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: OEZOOM1530, OEZOOM2550
- Gobo Holder: Standard "S4" size Sandwich Style or Iris Slot Style gobo holder for "A" or "B" size gobos