

Ovation ED-200WW



A high-performance, warm white LED ellipsoidal fixture delivering tungsten-equivalent intensity with the unique ability to automatically operate on both traditional dimming systems and modern constant power with DMX.

Perfect for theatrical venues and performance spaces looking to retrofit and upgrade to the benefits of LED lighting while retaining their existing investment in dimming infrastructure.

- Delivers tungsten-equivalent output from a 230W warm white LED with an exceptional 97 CRI.
- Integrates seamlessly by auto-detecting dimmer rack power or constant power with DMX control.
- Achieves superior low-end dimming with 16-bit resolution for exceptionally smooth and precise fades.
- Projects a flat, even field of light for superior gobo projection using standard lens tubes.
- Provides virtually silent operation, making it ideal for use in noise-sensitive environments.
- Supports DMX, RDM, and direct dimmer control with selectable 1, 2, or 3-channel modes.

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

PWM Frequency: 600 Hz, 1200 Hz, 2000 Hz, 4000 Hz, 25,000 Hz

5° Lens:

Beam Angle: 7°

Field Angle: 7°

Illuminance: 43,100 lux @ 5 m

10° Lens:

Beam Angle: 9°

Field Angle: 10°

Illuminance: 23,200 lux @ 5 m

14° Lens:

Beam Angle: 11°

Field Angle: 14°

Illuminance: 15,092 lux @ 5 m

15°-30° Lens:

Lumens: 11,739 (@15°), 11,315 (@30°)

15°-30° Lens (Narrow):

Beam Angle: 11°

Field Angle: 13°

Illuminance: 15,879 lux @ 5 m

15°-30° Lens (Wide):

Beam Angle: 17°

Field Angle: 28°

19° Lens:

Beam Angle: 15°

Field Angle: 17°

Illuminance: 9,118 lux @ 5 m

Lumens: 11,534

25°-50° Lens:

Lumens: 14,243 (@25°), 12,834 (@50°)

25°-50° Lens (Narrow):

Beam Angle: 19°

Field Angle: 23°

Illuminance: 5,958 lux @ 5 m

25°-50° Lens (Wide):

Beam Angle: 30°

Field Angle: 41°

Illuminance: 2,283lux @ 5 m

26° Lens:

Beam Angle: 19°

Field Angle: 25°

Illuminance: 6,028 lux @ 5 m

36° Lens:

Beam Angle: 25°

Field Angle: 33°

Illuminance: 3,210 lux @ 5 m

Lumens: 13,946

50° Lens:

Beam Angle: 35°

Field Angle: 50°

Illuminance: 1,445 lux @ 5 m

Lumens: 12,754

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

Certifications: CE, MET

IP Rating: IP20, dry location

Required Accessories

Lens Tube: 14°, 19°, 26°, 36°, 50°

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

What's Included

Ovation ED-200WW

Neutrik® powerCON® power cord