

Ovation E-160WW



The Ovation E-160WW is a high-performance, energy-efficient ellipsoidal fixture that rivals a 575W tungsten source, providing a flat, even field of light for superior gobo projection with exceptionally smooth dimming and advanced control options. Perfect for theatres, broadcast studios, and other quiet environments that require a high-quality, flat, and even field of light for crisp gobo projection.

- Delivers a warm white 3031K output with a high 90 CRI for superior color fidelity.
- Offers 16-bit dimming resolution and four selectable curves for exceptionally smooth fades.
- Features adjustable Pulse Width Modulation (PWM) for flicker-free performance on camera.
- Provides virtually silent operation, ideal for noise-sensitive theater and broadcast environments.
- Supports both DMX and RDM protocols for flexible control and remote device management.
- Operates with a low 100W power draw for significant energy and cost savings.

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

Dimming Modes: 4

Selectable PWM: 600 Hz, 1,200 Hz, 2,000 Hz, 4,000 Hz, 6,000 Hz, 25,000 Hz

5° Lens:

Beam Angle: 4°

Field Angle: 7°

Illuminance: 40,600 lux @ 5 m

10° Lens:

Beam Angle: 6°

Field Angle: 10°

Illuminance: 20,000 lux @ 5 m

14° Lens:

Beam Angle: 8°

Field Angle: 14°

Illuminance: 10,814 lux @ 5 m

15°-30° Lens (Narrow):

Beam Angle: 10°

Field Angle: 16°

Illuminance: 11,201 lux @ 5 m

15°-30° Lens (Wide):

Beam Angle: 15°

Field Angle: 29°

Illuminance: 3,739 lux @ 5 m

19° Lens:

Beam Angle: 12°

Field Angle: 18°

Illuminance: 6,253 lux @ 5 m

25°-50° Lens (Narrow):

Beam Angle: 18°

Field Angle: 28°

Illuminance: 3,699 lux @ 5 m

25°-50° Lens (Wide):

Beam Angle: 24°

Field Angle: 48°

Illuminance: 1,424 lux @ 5 m

26° Lens:

Beam Angle: 16°

Field Angle: 25°

Illuminance: 3,189 lux @ 5 m

36° Lens:

Beam Angle: 20°

Field Angle: 33°

Illuminance: 1,918 lux @ 5 m

50° Lens:

Beam Angle: 31°

Field Angle: 50°

Illuminance: 743 lux @ 5 m

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)

w/ 5° Lens Extended: 42.79 x 14.17 x 14.48 in (1087 x 360 x 368 mm)

w/ 10° Lens Extended: 34.09 x 12.16 x 12.48 in (866 x 309 x 317 mm)

w/ 14° Lens Extended: 28.74 x 11.22 x 19.17 in (730 x 285 x 487 mm)

w/ 26° Lens Extended: 25.91 x 11.22 x 19.17 in (658 x 285 x 487 mm)

w/ 15°-30° Lens: 32.87 x 14.61 x 14.61 in (835 x 371 x 371 mm)

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)

w/ 5° Lens: 20 lb (9.1 kg)

w/ 10° Lens: 18 lb (8.2 kg)

w/ 14° Lens: 19.6 lb (8.89 kg)

w/ 26° Lens: 18.4 lb (8.3 kg)

w/ 15°-30° Lens: 28.2 lb (12.7 kg)

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)

B: 86 mm (outside), 64.5 mm (image), 2.5 mm (max. thickness)

Accessory Holder/Gel Frame Size:

5° Lens: 14 in (356 mm)

10° Lens: 12 in (304 mm)

14° Lens: 7.5 in (191 mm)

19°, 26°, 36°, and 50° Lens: 6.25 in (159 mm)

15°-30° Lens: 7.5 in (191 mm)

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

Certifications: CE, MET, FCC, UKCA

IP Rating: IP20, dry location

Required Accessories

Lens Tube: 19°, 26°, 36°, 50°

Optional Accessories

Professional Clamps: CTC-50HC, CTC-50HCN

TRUE 1 Style power extension cables

3-pin or 5-pin DMX Cables

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

What's Included

Ovation E-160WW

Seetronic Powerkon IP65