Ovation E-4WW IP

The brightest outdoor-rated LED ellipsoidal fixture available, engineered to project a powerful, even field of high CRI warm white light for superior gobo projection and exceptionally long reach.
Perfectly suited for outdoor theatre, large-scale events, and broadcast applications where a powerful, high-quality, and flicker-free gobo projection or key light is required.

- Delivers a brilliant 3200 K warm white light with an exceptional 97.8 CRI.
- Built with a rugged IP65-rated housing for reliable all-weather, outdoor performance.
- Offers smooth 16-bit dimming and selectable PWM for flicker-free performance on camera.
- Supports standard Ovation lenses and shutters, simplifying setup and expanding optical versatility.
- Features a dedicated port to easily power and control an Ovation GR-1 Gobo Rotator.
- Supports both DMX and RDM protocols for versatile control and fixture management.

SPECIFICATIONS

Optical

Light Source: 1 LED (WW) 400W, 50,000 hours life expectancy

Color Temperature (at full): 3200 K

CRI: 97.8

Dimming Modes: 4

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

5° Lens:

Beam Angle: 6.9°
Field Angle: 9.3°
Illuminance: 45,552 lux @ 5 m
Lumens: 13,989

10° Lens:

Beam Angle: 9.9°
Field Angle: 12.5°
Illuminance: 25,479 lux @ 5 m
Lumens: 16,250

14° Lens:

Beam Angle: 13.6°
Field Angle: 16.6°
Illuminance: 15,080 lux @ 5 m
Lumens: 17,524

15°–30° Lens (Narrow):

Beam Angle: 12.3°
Field Angle: 17.1°
Illuminance: 15,632 lux @ 5 m
Lumens: 15,302

15°–30° Lens (Wide):

Beam Angle: 20.1°
Field Angle: 30.4°
Illuminance: 6,829 lux @ 5 m
Lumens: 19,171

19° Lens:

Beam Angle: 17°
Field Angle: 21°
Illuminance: 9,627 lux @ 5 m
Lumens: 16,766

25°–50° Lens (Narrow):

Beam Angle: 21.2°
Field Angle: 28.1°
Illuminance: 7,668 lux @ 5 m
Lumens: 21,049

25°–50° Lens (Wide):

Beam Angle: 29.2°
Field Angle: 41.4°
Illuminance: 3,733 lux @ 5 m
Lumens: 20,936

26° Lens:

Beam Angle: 18.9°
Field Angle: 27.1°
Illuminance: 8,883 lux @ 5 m
Lumens: 21,213

36° Lens:

Beam Angle: 25.2°
Field Angle: 36.1°
Illuminance: 4,983 lux @ 5 m
Lumens: 21,219

50° Lens:

Beam Angle: 38.7°
Field Angle: 53.1°
Illuminance: 2,199 lux @ 5 m
Lumens: 20,831

Dynamic Effects

Dimmer: Electronic

Shutter: Electronic

Strobe Rate: 0 to 30 Hz

Color Temperature Presets: No

Dim Modes: 4

Dim Curves: 4

Built-in Automated Programs: Yes

Construction / Physical

Dimensions:

Dimensions (fixture only):	19.5 x 11.2 x 19.2 in (496 x 284.9 x 487 mm)
Dimensions (w/5° lens extended):	40.4 x 14.5 x 19.2 in (1026 x 368 x 487 mm)
Dimensions (w/10° lens extended):	32.2 x 12.4 x 19.2 in (817 x 314 x 487 mm)
Dimensions (w/14° lens extended):	28.9 x 11.9 x 19.2 in (734 x 302 x 487 mm)
Dimensions (w/19° lens extended):	26 x 11.9 x 19.2 in (660 x 302 x 487 mm)
Dimensions (w/26° lens extended):	26 x 11.9 x 19.2 in (660 x 302 x 487 mm)
Dimensions (w/36° lens extended):	26 x 11.9 x 19.2 in (660 x 302 x 487 mm)
Dimensions (w/50° lens extended):	26 x 11.9 x 19.2 in (660 x 302 x 487 mm)
Dimensions (w/15°–30° lens):	32.3 x 11.9 x 19.2 in (820 x 302 x 487 mm)
Dimensions (w/25°–50° lens):	25.1 x 11.9 x 19.2 in (637 x 302 x 487 mm)

Weight:

Weight (fixture only): 21.6 lb (9.79 kg)
Weight (w/5° lens): 26.4 lb (11.9 kg)
Weight (w/10° lens): 24.8 lb (11.2 kg)
Weight (w/14° lens): 26.8 lb (12.1kg)
Weight (w/19°, 26°, 36°, and 50° lenses): 25.6 lb (12.1kg)
Weight (w/15°–30° lens): 30.4 lb (13.7kg)
Weight (w/25°–50° lens): 27.4 lb (12.4kg)

Exterior Color: Black

Housing Material: Aluminum die-cast

Gobo Size (Optional):

Gobo Size (A):	100 mm (outside), 75 mm (image), 2.5 mm (max. thickness)
Gobo Size (B):	86 mm (outside), 64.5 mm (image), 2.5 mm (max. thickness)

Accessory Holder/Gel Frame Size:

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: 5-pin XLR

Cable Length (power): 5 ft (1.5 m)

Control

Control Protocol: DMX, RDM

DMX Channels: 2, 3, 4, or 7

Modes/Personalities: 4 personalities (2, 3, 4, 7)

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Power Linking: 2 units @ 100 V; 3 units @ 120 V; 6 units @ 208 V; 6 units @ 230 V; 7 units @ 240 V

Power and Current:

Power and Current (100 V, 60 Hz): 433 W, 4.34 A
Power and Current (120 V, 60 Hz): 428 W, 3.57 A
Power and Current (208 V, 60 Hz): 416 W, 2.0 A
Power and Current (230 V, 50 Hz): 416 W, 1.81 A
Power and Current (240 V, 60 Hz): 413 W, 1.73 A

Certifications / Qualifications

Certifications: CE, MET, UKCA, RoHS

IP Rating: IP65, temporary outdoor/wet use

Noise Level:

Noise Level (Idle): 21.1 dB(A) @ 1 m
Noise Level (Auto): 31.2 dB(A) @ 1 m
Noise Level (On): 33.1 dB(A) @ 1 m
Noise Level (Off): 13.2 dB(A) @ 1 m
Noise Level (Silent): 21.6 dB(A) @ 1 m

Required Accessories

Lens Tube: 5°, 10°, 14°, 19°, 26°, 36°, 50°, 15°-30°, 25°-50°

Optional Accessories

Professional Clamps: CTC-50HC, CTC-50HCN
Safety Cable: SC-07
TRUE1 Style Power Extension Cables
5-pin IP65 DMX Cables
RDM2go
Ovation Glass Gobo Holder
Ovation Metal Gobo Holder
Ovation Iris
Ovation GR-1 IP Gobo Rotator

What's Included

Ovation E-4WW IP

Seetronic Powerkon IP65