

Ovation™ ED-190 WW



Ovation™ ED-190WW ellipsoidal spot is a trailblazer, the first high-power LED based fixture that makes it possible to retrofit lamp-based ellipsoidals without scratching off costly investment in dimming systems. Ovation™ ED-190WW is equally efficient running on constant power and DMX (as LED fixtures typically do) as it is when connected directly to a dimming power source. Advanced onboard electronics automatically detect what type of power and data the fixture receives and it responds accordingly. It performs as well as the original Ovation™ E-190WW with the same output and tremendous dimming performance. Now everyone can enjoy the benefits of LED lighting without being held back by previous investments made in major dimming systems.

FEATURES

- Works perfectly on conventional dimmers or constant power with DMX
- Auto-senses what kind of system (conventional dimmers or constant power with DMX) and responds appropriately
- Superior low end dimming whether using dimmers or constant power
- Perfect fixture for the retrofit market, utilizes existing infrastructure flawlessly
- Accessory slot for motorized gobo devices and iris units
- 16-bit dimming resolution (DMX mode) for smooth fades
- Flat, even field of light

SPECIFICATIONS

- Control Protocol: Dimmer, DMX
- DMX Channels: 1, 2 or 3
- Data Connectors: 3- and 5-pin XLR
- Light Source: 19 LEDs (WW) 10 W, (2.8 A), 100,000 hours life expectancy
- Gobo Size (Optional): Gobo holder size A: 94 mm (outside), 79 mm (image), 2.5 mm (max. thickness)
- Gobo Size (Optional): Gobo holder size B: 94 mm (outside), 69 mm (image), 2.5 mm (max. thickness)
- 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)
- Dimmer: Electronic or External Dimmer Rack
- Focus: Manual
- Shutter/Strobe: Electronic
- Strobe Rate: 0 to 20 Hz
- Beam Angle (w/19° lens): 16°
- Beam Angle (w/26° lens): 22°
- Beam Angle (w/36° lens): 31°
- Beam Angle (w/50° lens): 48°
- Beam Angle (w/15°–30° lens)(Narrow): 14°
- Beam Angle (w/15°–30° lens)(Wide): 28°
- Beam Angle (w/25°–50° lens)(Narrow): 18°
- Beam Angle (w/25°–50° lens)(Wide): 30°
- Field Angle (w/19° lens): 22°
- Field Angle (w/26° lens): 28°
- Field Angle (w/36° lens): 36°
- Field Angle (w/50° lens): 56°
- Field Angle (w/15°–30° lens)(Narrow): 15°
- Field Angle (w/15°–30° lens)(Wide): 29°
- Field Angle (w/25°–50° lens)(Narrow): 25°
- Field Angle (w/25°–50° lens)(Wide): 48°

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FEATURES (CONT.)

- comes with standard pattern slot for glass or steel patterns and soft focus diffuser
- Virtually silent operation for use in any situation
- Works perfectly with industry standard lens tubes
- Simple and complex DMX channel profiles for programming versatility
- Warm white ERS-style lighting fixture

SPECIFICATIONS (CONT.)

- Dimming Modes: 9
- Lumens (w/19° lens): 5,274
- Lumens (w/26° lens): 6,025
- Lumens (w/36° lens): 6,322
- Lumens (w/50° lens): 6,349
- Illuminance (w/19° lens): 4,380 lux @ 5 m
- Illuminance (w/26° lens): 2,743 lux @ 5 m
- Illuminance (w/36° lens): 1,578 lux @ 5 m
- Illuminance (w/50° lens): 624 lux @ 5 m
- Illuminance (w/15°–30° lens)(Narrow): 8,810 lux @ 5 m
- Illuminance (w/15°–30° lens)(Wide): 2,351 lux @ 5 m
- Illuminance (w/25°–50° lens)(Narrow): 3,616 lux @ 5 m
- Illuminance (w/25°–50° lens)(Wide): 1,090 lux @ 5 m
- Color Temperature (at full): 3076 K
- Max. Noise Level (studio): 44 dB @ 12 in (305 mm)
- Max. Noise Level (power): 51 dB @ 12 in (305 mm)
- Max. Noise Level (live): 44 dB @ 12 in (305 mm)
- IP Rating: IP20, dry location
- Cable Length: 5 ft (1.5 m)
- Power Connection: Edison plug to Neutrik® powerCON®
- Power Input: Neutrik® powerCON®
- Power Output: Neutrik® powerCON®
- Power Linking: 4 units @ 120 V; 8 units @ 230 V
- Input Voltage: 120/230 VAC, 50/60 Hz (switchable)
- Power and Current: 208 W, 1.7 A @ 120 V, 60 Hz
- Power and Current: 200 W, 0.9 A @ 230 V, 50 Hz
- Weight (fixture only): 16.4 lb (7.44 kg)
- Weight (w/26° lens): 20.6 lb (9.25 kg)
- Weight (w/15°–30° lens): 30.4 lb (13.79 kg)
- Weight (w/25°–50° lens): 28 lb (12.70 kg)
- Size (fixture only): 21.5 x 15 x 15 in (545 x 380 x 380 mm)
- Size (w/26° lens extended): 26.5 x 15 x 15 in (673 x 380 x 380 mm)
- Size (w/15°–30° lens): 42 x 14.6 x 14.6 in (1,068 x 371 x 371 mm)
- Size (w/25°–50° lens): 36.3 x 14.6 x 14.6 in (923 x 371 x 371 mm)
- Approvals: CE, MET