

Ovation FD-105WW



A high-CRI, warm white LED Fresnel wash featuring a wide zoom range and innovative power sensors that allow it to operate on both traditional dimming and constant power systems.

Ideal for theatrical, broadcast, and house of worship applications seeking to upgrade legacy incandescent fixtures to LED technology without replacing their existing dimming infrastructure.

- Delivers a high-quality warm white wash with a color temperature of 3,197K and a CRI of 91.
- Projects a soft, even field of light with a versatile manual zoom range from 8° to 63°.
- Achieves exceptionally smooth 16-bit dimming for seamless fades when controlled via DMX.
- Features a virtually silent operation ideal for noise-sensitive broadcast and theatrical applications.
- Supports DMX and RDM protocols with multiple personalities for flexible control integration.
- Simplifies power distribution by linking up to 14 units at 120V or 25 units at 230V.

SPECIFICATIONS

Optical

Light Source: 1 LEDs (WW) 80 W, (2 A), 50,000 hours life expectancy

Color Temperature (at full): 3,197K

CRI: 91

Beam Angle: 8° to 51°

Field Angle: 14° to 63°

Zoom Range: 8° to 63°

Illuminance:

Illuminance (14°): 6,609 lux @ 5 m

Illuminance (63°): 340 lux @ 5 m

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

Dynamic Effects

Dimmer: Electronic

Shutter/Strobe: Electronic

Zoom: Manual

Strobe Rate: 0 to 25 Hz

Dim Modes: 5

Dim Curves: 4

Construction / Physical

Dimensions: 12.8 x 11 x 16.5 in (325 x 279 x 420 mm)

Weight: 13 lb (5.9 kg)

Exterior Color: Black

Accessory Holder/Gel Frame Size: 6.25 in/159 mm

Connections

Power Connection: Local 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: 14 units @ 120 V; 25 units @ 230 V

Power and Current: 115 W, 0.951 A @ 120 V, 60 Hz

Power and Current: 125 W, 0.541 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET

IP Rating: IP20, dry location

Optional Accessories

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

Neutrik® powerCON® cables

3-pin or 5-pin DMX Cables

Color Blending Filters: DF60X1D, DF20D

Ovation F6.25" Barndoor

What's Included

Ovation FD-105WW

Neutrik® powerCON® power cord

Gel frame (6.25 in/159 mm accessories)