

# 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)