



Ovation F-145WW

A versatile LED Fresnel delivering a soft, flat field of high-CRI warm white light, complete with a motorized zoom range of 16° to 65° and smooth 16-bit dimming control. Perfect for theatrical and studio applications where virtually quiet operation and high-quality, controllable illumination are required.

- Features a 70W warm white LED with output comparable to a 650W incandescent Fresnel.
- Delivers superior color rendering with a high CRI of 97 and 3096 K color temperature.
- Offers exceptionally smooth fades with 16-bit dimming and four selectable dim modes.
- Engineered for virtually silent operation, ideal for noise-sensitive theatrical and studio use.
- Supports both DMX and RDM protocols for versatile and simplified fixture management.
- Allows for simple power linking of up to 35 units at 230 V for fast setups.

SPECIFICATIONS

Optical

Light Source: 1 LED (WW) 70 W, (3.6 A), 50,000 hours life expectancy

Color Temperature (at full): 3096 K

CRI: 97

Beam Angle: 16° to 48°

Field Angle: 25° to 65°

Zoom Range: 16° to 65°

Lumens (25°): 2,787

Lumens (65°): 4,266

Illuminance:

Illuminance (25°): 1,290 lux @ 5 m

Illuminance (65°): 252 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: Motorized

Strobe Rate: 0 to 30 Hz

Dim Modes: 4

Construction / Physical

Dimensions: 11.69 x 11.22 x 15.03 in (297 x 285 x 382 mm)

Weight: 11 lb (5 kg)

Exterior Color: Black

Housing Material: Aluminum alloy, Aluminum die-cast

Accessory Holder/Gel Frame Size: 6.25 in (158.75 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

Protocol(s): DMX, RDM

DMX Channels: 1, 2, 2 or 5

Modes/Personalities: 4 personalities (1, 2, 2, 5)

Electrical

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

Power Linking: 18 units @ 120 V; 32 units @ 208 V; 35 units @ 230 V

Power and Current: 75 W, 0.635 A @ 120 V, 60 Hz

Power and Current: 73 W, 0.373 A @ 208 V, 60 Hz

Power and Current: 73 W, 0.337 A @ 230 V, 60 Hz

Certifications / Qualifications

Certifications: CE, MET, FCC, UKCA

IP Rating: IP20, dry location

Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)

Optional Accessories

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

TRUE1 Style Power Extension cables

3-pin or 5-pin DMX Cables

Color Blending Filters: DF60X1D, DF20D

Ovation F6.25" Barndoor

What's Included

Ovation F-145WW

Seetronic Powerkon IP65 power cord

Gel Frame