



Ovation H-55FC

A compact, silent, convection-cooled LED houselight that provides high-CRI, full-color output with flicker-free performance, advanced control options, and interchangeable lenses. Ideal for theaters, recital halls, houses of worship, and televised performances, particularly in venues with lower trim heights that require silent, high-quality illumination.

- Delivers rich, full-spectrum color and high-quality whites from an advanced RGBAL LED engine.
- Swap between included lens plates to optimize beam coverage for any mounting height.
- A fanless convection cooling system ensures completely silent operation in sensitive environments.
- Supports DMX, W-DMX, and RDM protocols for flexible and professional control integration.
- Ensures flicker-free on-camera operation with adjustable PWM and smooth 16-bit dimming resolution.
- Offers versatile installation solutions with included yoke, recess, and sconce mounting kits.

SPECIFICATIONS

Optical

Light Source: 26 LEDs (6 red, 6 green, 6 blue, 5 amber, 4 lime) 2.62 to 5.25 W, (840 mA), 4807 K, 50,000 hours life expectancy.

Color Temperature (at full): 4807 K

CRI: 82

Beam Angle:

(W/80° Filter): 46.1°

(W/65° Lens): 63.3°

(W/45° Lens): 38.8°

(W/25° Lens): 24.7°

Field Angle:

(W/80° Filter): 76.8°

(W/65° Lens): 86.9°

(W/45° Lens): 78.4°

(W/25° Lens): 46.7°

Illuminance:

Illuminance (w/80° filter): 152 lux @ 5 m

Illuminance (w/65° lens): 115 lux @ 5 m

Illuminance (w/45° lens): 173 lux @ 5 m

Illuminance (w/25° lens): 430 lux @ 5 m

Lumens (w/80° filter): 2,698

Lumens (w/65° lens): 2,928

Lumens (w/45° lens): 2,691

Lumens (w/25° lens): 2,849

Selectable PWM: 600 Hz, 1,200 Hz, 2,000 Hz, 4,000 Hz, 6000 Hz, 25,000 Hz

Dynamic Effects

Dimmer: Electronic

Shutter/Strobe: Electronic

Strobe Rate: 0 to 30 Hz

Color Temperature Presets: Yes/No

Dim Modes: 4

Built-in Automated Programs: Yes

Construction / Physical

Dimensions: 13.14 x 6.92 x 4.52 in (334 x 176 x 115 mm)

Weight: 7.4 lb (3.4 kg)

Exterior Color: Black

Connections

Power Connection: Bare-wired

Power Input: Hard-wired

Data Connectors: 5-pin XLR, Phoenix connector

Cable Length (power): 15 ft (4.5 m)

Control

Control Protocol: DMX, W-DMX, RDM

DMX Channels: 4, 5, 8, 11, 13, 14, 16 or HSV

Modes/Personalities: 8 personalities (2, 4, 5, 8, 11, 13, 14, 16, HSV)

Electrical

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

Power and Current: 62 W, 0.541 A @ 120 V, 60 Hz

Power and Current: 64 W, 0.308 A @ 208 V, 60 Hz

Power and Current: 64 W, 0.278 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET,

IP Rating: IP20, dry location

Temperature (Ambient): -4 °F to 113 °F (-10 °C to 45 °C)

Required Accessories

RDM2go or other RDM capable interface for fixture set-up

Optional Accessories

W-DMX™ Transmitter

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

5-pin DMX Cables

RDM2go™

What's Included

Ovation H-55FC

65°, 40° and 25° Lens

80° Filter

Egg Crate

Recess and Sconce Mounting Kits