

# Ovation C-805 FC



The Ovation C-805FC is the next generation of dedicated cyclorama lighting. Utilizing the RGBA-Lime color palette, the fixture is able to replicate nearly any color with tremendous color rendering that makes your backdrops pop. Increased LED quantity means even more output in each color and refined optics given a more even distribution. Setup is now easier than ever with the addition of RDM, adjustable PWM and an easy to navigate OLED full text display.

## FEATURES

- Display a full spectrum of hues with RGBAL LEDs for theatre, film and production.
- Theatre-ready with 16-bit dimming of master dimmer and individual colors.
- Better coverage with two individually adjustable heads, gives the ability to project split colors.
- Compact cyclorama wash lighting fixture.
- Flat, even field of light with superior color mixing.
- Virtual Color wheel with color matched to popular Rosco Gel colors.
- RDM (Remote Device Management) for added flexibility.
- Adjustable PWM (Pulse Width Modulation) to avoid flickering on camera.
- Silent operation for use in studio and theatre applications.

## SPECIFICATIONS

### OPTICAL

- Light Source: 80 LEDs  
(20 red, 20 green, 20 blue, 12 amber, 8 lime) 2 to 4 W, (820 mA), 50,000 hours life expectancy
- Color Temperature (range): 2800 to 10000 K
- Beam Angle (Top Pod): 41°
- Beam Angle (Bottom Pod): 39°
- Beam Angle (Both Pod's): 40°
- Field Angle (Top Pod): 64°
- Field Angle (Bottom Pod): 71°
- Field Angle (Both Pod's): 67°
- Illuminance (Top Pod): 175 lux @ 5 m
- Illuminance (Bottom Pod): 135 lux @ 5 m
- Illuminance (Both Pod's): 260 @ 5 m
- Selectable PWM: 600 Hz, 1200 Hz, 2000 Hz, 2400 Hz, 6000 Hz, 18,000 Hz, 25,000Hz

### DYNAMIC EFFECTS

- Tilt: ffl 30° manual adjustment per pod
- Dimmer: Electronic
- Shutter/Strobe: Electronic
- Strobe Rate: 0 to 20Hz
- Standalone Color Mixing: Yes
- Color Temperature Presets: No
- Dim Modes: 5
- Built-in Automated Programs: Yes
- Customizable Programs: Yes
- Recall Custom Programs: Yes

### CONSTRUCTION/PHYSICAL

- Dimensions: 15.3 x 12.2 x 11.7 in (390 x 310 x 298 mm)
- Weight: 22 lb (10 kg)
- Exterior Color: Black
- Housing Material: Aluminum die-cast
- Accessory Holder/Gel Frame Size:  
5.32 x 9.65 in (135 x 245 mm)

### CONNECTIONS

- Power Connection: Edison (Local) plug to Neutrik® powerCON®
- Power Input: Neutrik® powerCON®
- Power Output: Neutrik® powerCON®
- Data Connectors: 3- and 5-pin XLR

# Ovation C-805 FC



## SPECIFICATIONS CONTINUED

### CONTROL

- Control Protocol: DMX
- DMX Channels: 3, 4, 5, 6, 7, 8, 12, 18 or 24
- Modes/Personalities: 12 personalities (TOUR, TRI6, ARC.1, AR1.D, ARC.2, ARC.3, ARC3.D, AR3.S, HSIC, PIXEL.1, PIXEL.3, PIXEL.16)

### ELECTRICAL

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 9 units @ 120 V; 16 units @ 208 V; 17 units @ 230 V
- Power and Current: 173 W, 1.47 A @ 120 V, 60 Hz
- Power and Current: 167 W, 0.84 A @ 208 V, 60 Hz
- Power and Current: 167 W, 0.76 A @ 230 V, 50 Hz

### CERTIFICATIONS/QUALIFICATIONS

- CE, MET
- IP Rating: IP20, dry location

### WHAT'S INCLUDED

- OVATION C-805FC
- Neutrik® powerCON® power cord
- 2 Gel Frames 5.32 x 9.65 in (135 x 245 mm)
- 2 Omega brackets with mounting hardware

### OPTIONAL ACCESSORIES

- Professional Clamps: CTC-50HC, CTC-50HCN
- Neutrik® powerCON® cables
- 3-pin or 5-pin DMX Cables
- Color Blending Filters: DF60X1D, DF20D