

# Ovation B-2805FC

A versatile batten-style fixture delivering an extended color spectrum via an RGBA-Lime system, complete with advanced control protocols and ten individually controllable sections for dynamic effects.

Ideal for theatrical, broadcast, and event productions requiring superior color washes and powerful, even illumination for cycloramas and walls.

- Utilizes 280 RGBA-Lime LEDs to produce a wide color temperature range of 2800K to 10000K.
- Achieves exceptionally smooth fades with 16-bit dimming resolution for master and individual colors.
- An included holographic filter enhances color mixing for smooth, even wall and cyclorama washes.
- Supports versatile control options including DMX, RDM, Art-Net, and sACN protocols.
- Features adjustable Pulse Width Modulation (PWM) for flicker-free operation in broadcast applications.
- Delivers nearly silent operation, making it ideal for noise-sensitive theatre and studio applications.



## SPECIFICATIONS

### Optical

**Light Source:** 280 LEDs (60 red, 60 green, 60 blue, 40 amber, 60 lime) 3 W, (650 mA), 50,000 hours life expectancy

**Color Temperature (range):** 2800 K to 10000 K

**CRI (3200 K):** 80

**Installed Optics:** 20°

**Beam Angle (horizontal):** 25°

**Beam Angle (vertical):** 20°

**Beam Angle (horizontal w/filter):** 52°

**Beam Angle (vertical w/filter):** 20°

**Field Angle (horizontal):** 42°

**Field Angle (vertical):** 40°

**Field Angle (horizontal w/filter):** 83°

**Field Angle (vertical w/filter):** 40°

**Lumens:** 32,673

**Illuminance:** 5,586 lux @ 5 m

**Illuminance (w/filter):** 2,320 lux @ 5 m

**Selectable PWM:** 600 Hz, 1200 Hz, 2000 Hz, 4000 Hz, 6000 Hz, 25,000 Hz

### Dynamic Effects

**Dimmer:** Electronic

**Shutter/Strobe:** Electronic

**Strobe Rate:** 0 to 30 Hz

**Standalone Color Mixing:** Yes

**Color Temperature Presets:** Yes

**Dim Modes:** 4

**Built-in Automated Programs:** Yes

### Construction / Physical

**Dimensions:** 69 x 8.26 x 8.13 in (1,753 x 210 x 207 mm)

**Weight:** 45.4 lb (20.5 kg)

**Exterior Color:** Black

**Housing Material:** Aluminum die-cast

**Accessory Holder/Gel Frame Size:** 68.90 x 3.66 in (1,750 x 93 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, Amphenol etherCON® Compatible

**Cable Length (power):** 5 ft (1.5 m)

### Control

**Protocol(s):** Art-Net™, DMX, RDM, sACN

**DMX Channels:** 1 Cell: 3, 4, 5, 8, 9, 10, 10, 17 – 2 Cell: 6, 8, 10, 15, 17, 19, 20, 31 – 5 Cell: 15, 20, 25, 33, 38, 43, 50, 70 – 10 Cell: 30, 40, 50, 63, 73, 83, 100, 135

**Art-Net™ Channels:** 1 Cell: 3, 4, 5, 8, 9, 10, 10, 17 – 2 Cell: 6, 8, 10, 15, 17, 19, 20, 31 – 5 Cell: 15, 20, 25, 33, 38, 43, 50, 70 – 10 Cell: 30, 40, 50, 63, 73, 83, 100, 135

**Modes/Personalities:** 32 personalities

## Electrical

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

**Power Linking:** 2 units @ 120 V; 4 units @ 208 V; 5 units @ 230 V; 5 units @240 V

**Power and Current:** 636 W, 5.30 A @ 120 V, 60 Hz

**Power and Current:** 634 W, 3.05 A @ 208 V, 60 Hz

**Power and Current:** 639 W, 2.78 A @ 230 V, 50 Hz

## Certifications / Qualifications

**Certifications:** CE, FCC, MET, UKCA

**IP Rating:** IP20, dry location

## Optional Accessories

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

Neutrik® powerCON® cables

Neutrik® etherCON® cables

DMX Cables

## What's Included

Ovation B-2805FC

Neutrik® powerCON® power cord

Wall Washing Filter