

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