



CYCLOPS
LIGHTING



PR 400F
DATASHEET

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The PR 400F is a professional-grade 400W RGBW LED profile spot designed to deliver a flat, even field of light with vibrant color mixing and smooth transitions. Featuring a versatile manual zoom range of 18° to 38°—and the ability to swap the profile lens for an optional high-performance Fresnel lens—this fixture adapts easily to a wide range of lighting needs. It is engineered for precision and reliability, offering silent operation, flicker-free performance for video, and five selectable dimming curves to suit any production style. With comprehensive support for DMX, RDM, Art-Net, and local rotary control, the PR 400F provides seamless integration into modern lighting rigs for theaters, broadcast studios, schools, and corporate events.

SOURCE

Light Source	• 400 Watts RGBW COB LED
Illuminance	• 6,500 Lux @ 2m @ 18°
LED Life Expectancy	• 50,000 Hrs
Color Temperature	• 2800K – 8000K adjustable (includes white temperature macros)

OPTICAL SYSTEM

Zoom	• Manual Zoom
Zoom Range	• 18° to 38° (standard)
Optional Lens Tubes	• 5°–10°, 9°–18° lens tubes available; optional Fresnel lens adapter (25°–50°)
Accessories	• Optional Iris and Gobo holder

COLORS

Color Mixing	• RGBW (Red, Green, Blue, White)
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DYNAMIC EFFECTS

Strobe Effect	• 0–255 speed increasing strobe
Color Macros	• Preset color switching, color jumping, and color fading with adjustable speeds

CONTROL & PROGRAMMING

Control Channels	• 1, 4, 6, or 10 Channels
Display	• LCD display with Menu, Up, Down, and Enter buttons
Protocols	• DMX 512, RDM, Art-Net, and Rotary Knob control
LED Frequency	• Video flicker-free operation with selectable PWM
Dimming Curves	• 5 selectable dimmer curves (Standard, Stage, TV, Architecture, Theatre) plus custom fade-in/fade-out settings

THERMAL MANAGEMENT

Operating Temperature	• -5°C to 45°C
Temperature Control	• Intelligent temperature control
Fan	• Silent operation

CONNECTIONS

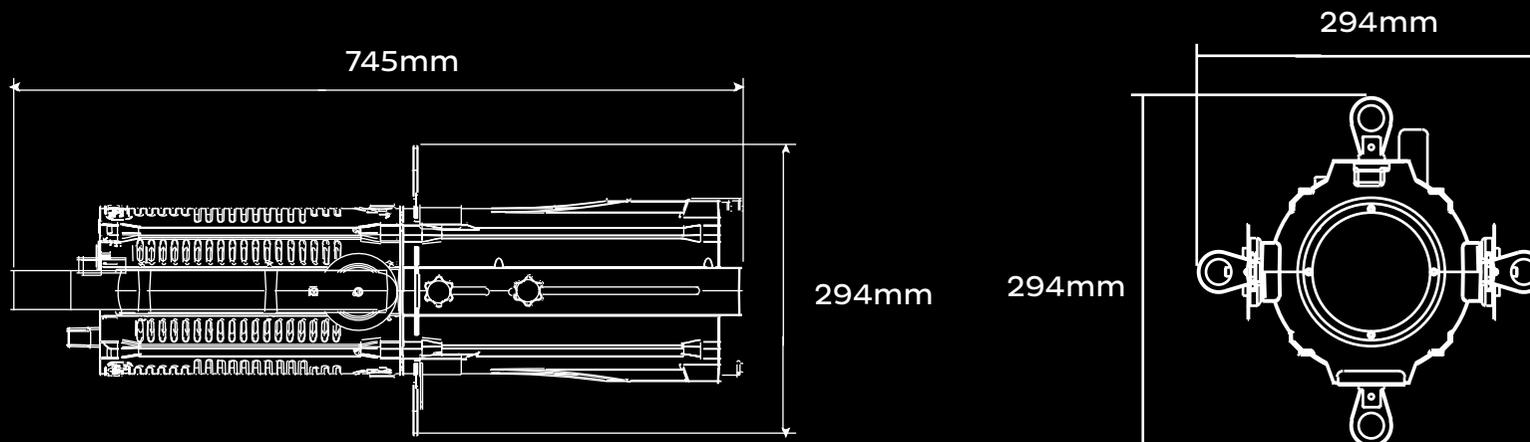
Power Connections	• PowerCon In/Out (maximum power linking of 5 units)
DMX Connections	• 3-pin XLR In/Out (5-pin optional)
Data Connections	• Art-Net (RJ45 Net In/Out)

ELECTRICAL

Input Voltage	• AC 100–240V, 50/60Hz (auto-ranging)
Power Consumption	• 400 Watts LED engine
Fuse	• F5A, 250V

PHYSICAL

Dimensions	• 745 x 294 x 294 mm
Net Weight	• 8.7 kg (19.2 lb) including lens
Housing	• ABS + PC
Housing Color	• Black
IP Rating	• IP20





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www.cyclopslighting.com