CYCLOPS LIGHTING



FR 40F
DATASHEET

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The **FR 40F** is a compact, high-efficiency LED Fresnel tailored for short-distance washes and rapid deployment in professional environments. For multi-color applications, it features an RGBW light engine with a 25° to 80° zoom for dynamic color mixing. With integrated rotary dimming and adjustable barn doors, the FR 40F is the ideal space-saving solution for studios and stages alike.

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SOURCE

Light Source	• 40 W RGBW COB LED
Illuminance	• 5,000 Lux @ 2 m @ 25°
LED Life Expectancy	• 50,000 h
Color Temperature	• 3000 K - 8000 K tunable

OPTICAL SYSTEM

Zoom	• Manual zoom
Zoom Range	• 25˚ - 80˚
Lens	• PMMA polymethyl methacrylate lens

COLORS

Color Mixing	• RGBW
Color Macros	• 15 color presets
	• Color temperature presets (3200K, 5600K)

DYNAMIC EFFECTS

Strobe	• Strobe with increasing speed
Internal Macros	• 10 auto programs with adjustable speed

CONTROL & PROGRAMMING

Control Channels	• ARC.1 (3CH), AR1.D (4CH), ARC.2 (4CH), AR2.D (5CH), AR2.S (6CH), HSV (3CH), STAG (11CH)
Control Protocols	• Rotary, DMX, RDM
Dimming Curves	• 5 selectable dimming curves
LED Frequency	• Video flicker-free
PWM Frequency	• Adjustable from 1,200Hz to 24,000Hz

THERMAL MANAGEMENT

Operating Temperature	• -5°C to 45°C
Temperature Monitoring	• Fixture temperature shown in control menu

CONNECTIONS

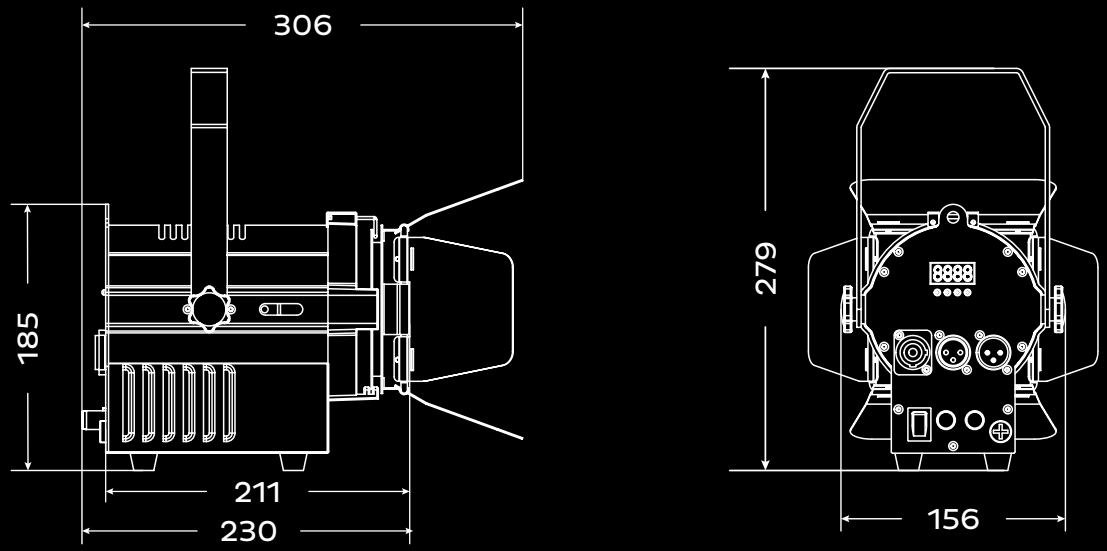
Power Connections	• PowerCon In
DMX Connections	• 3-pin XLR In/Out male and female

ELECTRICAL

Input Voltage	• AC 100-240 V / 50-60 Hz

PHYSICAL

Dimensions	• 230 x 156 x 279 mm
Net Weight	• 2.2 kg
Housing	• Aluminum
Housing Color	• Black
IP Rating	• IP20



Product specifications and information are subject to change without notice. Please refer to the Cyclops Lighting website for the latest details or contact Cyclops team for more information.



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www.cyclopslighting.com