CYCLOPS LIGHTING



FR 40W

DATASHEET

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The **FR 40W** is a compact, high-efficiency LED Fresnel tailored for short-distance washes and rapid deployment in professional environments. It utilizes a 40W tungsten LED (3200K) and a 25° to 90° zoom to produce a smooth, flat field of warm light, with an exceptional CRI of 95 and R9 of 90 for critical color accuracy. Featuring integrated rotary dimming and adjustable barn doors, the FR 40W is the ideal space-saving solution for studios and stages alike.

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SOURCE

Light Source	• 40 W Warm White COB LED
Illuminance	• 14,000 Lux @ 1 m @ 25°
LED Life Expectancy	• 50,000 h
Color Temperature	• 3200 K
CRI	• >95
	• CQS (Color Quality Scale) >96
	• TM-30 Rf (Fidelity Index) >92
	• TM-30 Rg (Gamut Index) >98
R9	• >90
TLCI	• >98

OPTICAL SYSTEM

Zoom	• Manual zoom
Zoom Range	• 25˚ - 90˚
Lens	• PMMA polymethyl methacrylate lens

DYNAMIC EFFECTS

Strobe	• Strobe with increasing speed

CONTROL & PROGRAMMING

Control Channels	• 1, 2, 3, 4 CHs
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

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CONNECTIONS

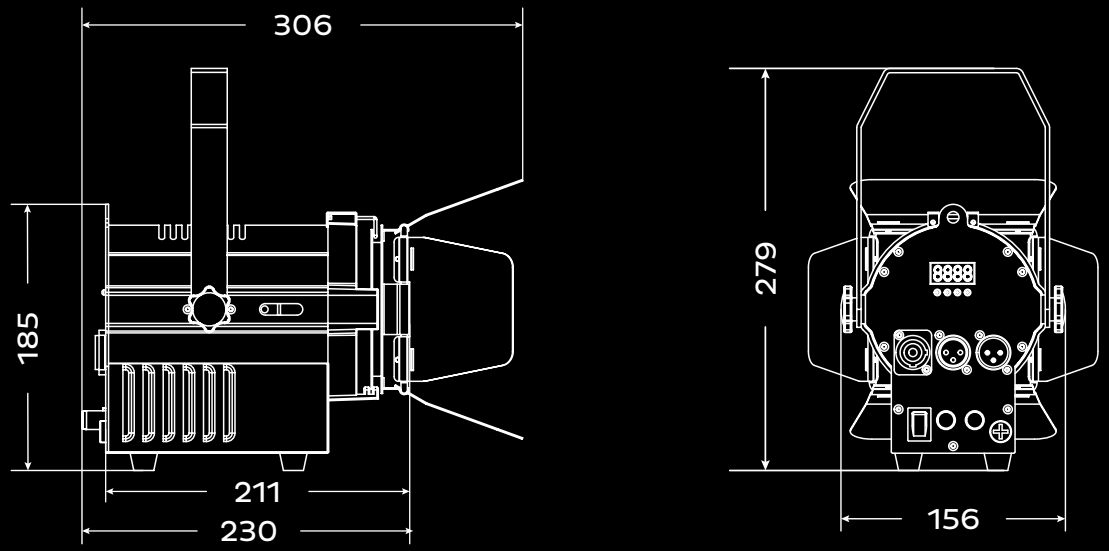
Power Connections	• PowerCon In
DMX Connections	• 3-pin XLR In/Out male and female

ELECTRICAL

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

PHYSICAL

Dimensions	• 230 x 156 x 279 mm
Net Weight	• 1.7 kg (barn door included)
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