



CYCLOPS
LIGHTING



BLOK 2C
DATASHEET



The **BLOK 2C** is a high-performance modular blinder designed for professional environments demanding raw power and creative versatility. It features a primary light source of **two 400W RGBLA LED** panels capable of delivering **40,600 lumen output**, complemented by dual **RGB pixel lines** for sophisticated background effects. Engineered for “Relentless Performance,” its **IP65-rated aluminum housing** with anti-salt and anti-UV painting ensures durability in the most challenging outdoor conditions, from driving rain to extreme temperatures.

Users can effortlessly customize their beam with **tool-free magnetic lenses**—including Halogen, Fresnel, or Frosted options—to achieve diverse textures on the fly. Its advanced control system supports **flicker-free performance** via adjustable PWM frequencies and includes a specialized RedShift mode to accurately emulate the warm-to-dim behavior of traditional halogen lamps. Whether used as a standalone powerhouse or spliced into massive vertical structures using its magnetic **C-Lock system**, the BLOK 2C provides precision and reliability for any high-end production.

SOURCE

Light Source	• 2 x 400W RGBLA (Main LED Panel)
Auxiliary Light Source	• 2 x 24 x 2W CW + WW (Auxiliary LED Panel)
Total Output	• 40,600 lm (Main + Auxiliary with all LEDs on)
Color Temperature	• 1,750K to 20,000K

OPTICAL SYSTEM

Beam Angle	• 50°
Spot Angle	• 93°
Optional Lenses	• Magnetic tool-free attachment for Halogen, Fresnel, or Frosted lenses

COLORS

Color Mixing	• RGBLA
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DYNAMIC EFFECTS

Effects	• Variable color chasing, fading, and high-speed strobing
Pixels	• 15 built-in auto programs and pattern FX for auxiliary strips
Halogen Emulation	• RedShift (warm-to-dim) mode for halogen-style dimming

CONTROL & PROGRAMMING

Display	• TFT displayer with four buttons and LCD Touch Screen
Control Channels	• 01, 02, 02b, 03, 06, 07, HSV, CTC, 04, RGBAL, 07b, 09, 11, 12, 19, 19b, 26, 20, 27, 41, 31, 38, 52, 37, and 44 CHs
Control Protocols	• DMX 512, Master/Slave, Auto Run
Dimming Curves	• 4 selectable dimming curves (Linear, Square Law, Inv. Squ. Law, S-Curve)
Programs	• 10 internal and 10 customizable user programs
Temperature Control	• Smart temperature control system

ELECTRICAL

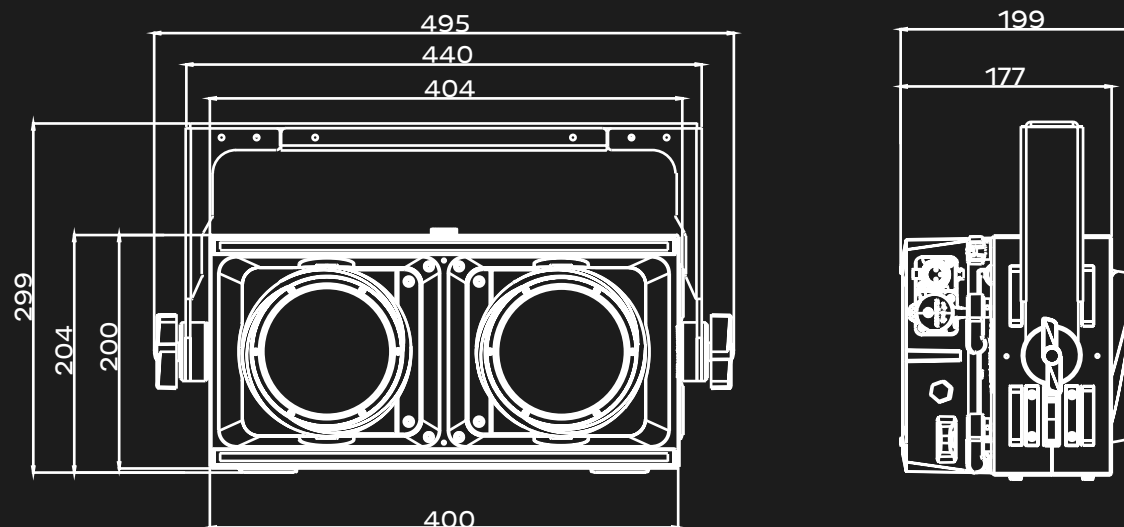
Input Voltage	• 100~240V / 50~60Hz
Power Consumption	• 700W

CONNECTIONS

Power Connections	• Power In (True One) and Power Out
DMX Connections	• 3-pin and 5-pin DMX In/Out
Network Connections	• USB port for updates/service

PHYSICAL

Dimensions	• 495 x 299 x 199 mm
Net Weight	• 9.2 Kg
Housing	• Aluminum body with anti-salt and anti-UV painting
Operating Temperature	• -40°C to 45°C
IP Rating	• IP65
Mounting	• Modular design with C-Lock system for tool-free splicing, magnetic alignment, and multiple mounting points for fast locks



OPTIONAL ACCESSORIES



Magnetic Halogen Diffusion Lens
MHL-BLOCK

The **Magnetic Halogen Diffusion Lens** replicates the soft-edged warmth of traditional tungsten sources by smoothing the BLOK2C's beam and enhancing color blending. Designed for rapid, tool-less magnetic mounting, this accessory requires **two units per fixture** to deliver a classic "halogen" glow while maintaining the punch of the 2400W RGBLA engine.



Magnetic Fresnel Lens
MFL-BLOCK

The **Magnetic Fresnel Lens** converts the BLOK2C into a high-output wash light with a classic feathered beam spread. Requiring **two units per fixture**, these lenses snap instantly onto the chassis via high-strength magnets, providing even coverage for stage and architectural applications while maintaining the fixture's **IP65** and **IK07**.



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www.cyclopslighting.com