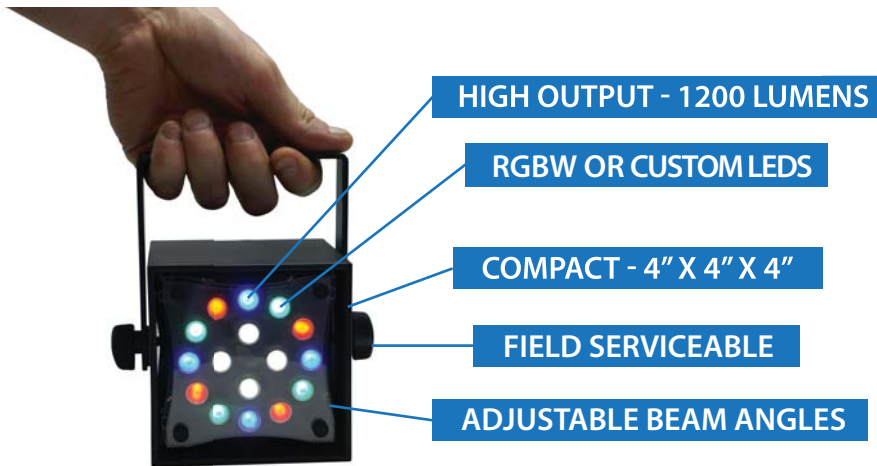


BRICKBLASTER PRO

RGBW

THE WORLDS SMALLEST MODULAR PROFESSIONAL LIGHTING FIXTURE

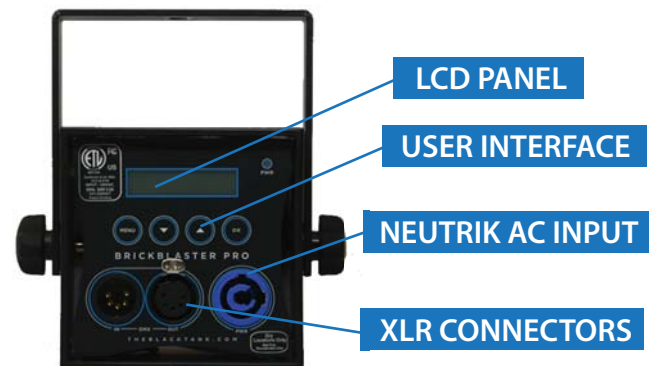
The BRICKBLASTER PRO RGBW, at 4" cubed and 48 Watts, is the world's smallest modular color changing LED fixture. Using the latest LUXEON Rebel LED technology and an innovative, patent pending, thermal management system, it is capable of outputting 1200 Lumens and staying cool while doing it. This fixture is available standard as a Red, Green, Blue and White (RGBW) fixture equipped with 16 x 3w LEDs; but the color configuration can be customized to fit your needs. The BRICKBLASTER PRO's unique design allows it to be reconfigured in the field in linear arrays, allowing multiple units to be connected to create brighter and more intense combinations. The fixture can also be mounted to standard lighting track or custom brackets can be created.



The BRICKBLASTER PRO RGBW is perfect for concert, theater, architectural and film applications and can be controlled using two universes of full speed 8 or 16 bit DMX512 or by selecting internal preprogrammed effects using the rear mounted LCD panel. A fixture set in standalone or Color Wash mode will output DMX allowing for multi-light synchronization. These options make the BRICKBLASTER PRO ideal for users with or without an external control source.

Item	Specification	BRICKBLASTER PRO RGBW
Output	Lumens	No Diffuser - 1203 lm 20° Diffuser - 1094 lm 40° Diffuser - 729 lm 60° Diffuser - 703 lm
	Lumen Maintenance	80,000 hours B10, L70 at 25° C (LM- 79- 08 Standard)
	Color Range	4.2 billion colors, additive RGBW
Electrical	Input Voltage	120VAC
	Power Consumption	48W maximum at full output
Control	Onboard Interface	DMX Mode - Two Universes of DMX512 Color Wash Mode - Adjustable color washes Manual Mode - Set fixture to any color
Physical	Dimensions	4"W x 4"H x 4.25"D (without yoke)
	Weight	0.95 kg / 2.1lbs
	Housing	Powder coated extruded aluminum
	Fixture Connections	Neutrik Powercon (AC Power) 5-Pin XLR Male and Female (DMX512)
	Mounting	Adjustable yoke included
	Operating Temperature	-20°C to 45°C / -13°F to 113°F
	Humidity	0-95%, non-condensing
Certification	Agency approvals	FCC Class A Radiated and Conducted ETL / UL Standards 1573 and 8750
	Environment	Dry location only

Additional features include, automatic thermal shut down, flicker-free operation, low noise fan, 120VAC Neutrik Powercon Input, 5-Pin DMX connections, LCD control panel with intuitive user interface, customizable enclosure and yoke, three user selectable tungsten dimming curves and many more.

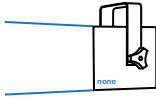


The BRICKBLASTER PRO is also designed to allow for field replacement of key components including the LED module, power supply, control board and fan. The fixture is sold individually or in custom ruggedized, watertight road cases in two or eight pack bundles. To fit all applications, the BRICKBLASTER PRO also comes with three different holographic light shaping diffusing films: 20, 40 and 60 degree.

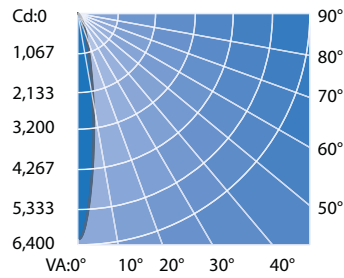
PHOTOMETRICS

WITHOUT DIFFUSER

LED	Lumens	Diffuser	Efficacy
RGBW	1203	None	25.06



Polar Candela Distribution



Illuminance at Distance

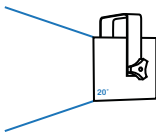
	Center Beam LUX	Beam Width
0.3m	56,862 LUX	0.1m
0.7m	14,215 LUX	0.2m
1.0m	6,318 LUX	0.3m
1.3m	3,553 LUX	0.4m
1.7m	2,274 LUX	0.5m
2.0m	1,579 LUX	0.6m

Beam Spread: 15.8°

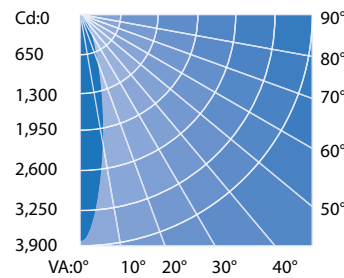
PHOTOMETRICS

WITH 20° DIFFUSER

LED	Lumens	Diffuser	Efficacy
RGBW	1094	20°	22.79



Polar Candela Distribution



Illuminance at Distance

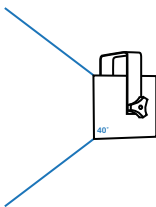
	Center Beam LUX	Beam Width
0.3m	34,392 LUX	0.1m
0.7m	8,598 LUX	0.2m
1.0m	3,821 LUX	0.4m
1.3m	2,149 LUX	0.5m
1.7m	1,375 LUX	0.6m
2.0m	955 LUX	0.7m

Beam Spread: 20.6°

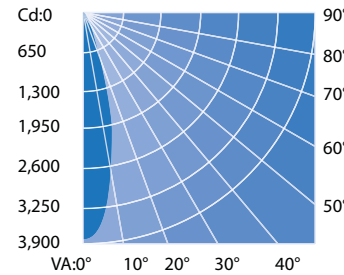
PHOTOMETRICS

WITH 40° DIFFUSER

LED	Lumens	Diffuser	Efficacy
RGBW	729	40°	15.19



Polar Candela Distribution



Illuminance at Distance

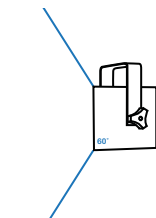
	Center Beam LUX	Beam Width
0.3m	15,693 LUX	0.2m
0.7m	3,923 LUX	0.4m
1.0m	1,744 LUX	0.6m
1.3m	981 LUX	0.7m
1.7m	628 LUX	0.9m
2.0m	436 LUX	1.1m

Beam Spread: 31.1°

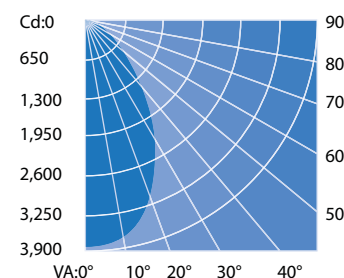
PHOTOMETRICS

WITH 60° DIFFUSER

LED	Lumens	Diffuser	Efficacy
RGBW	703	60°	14.65



Polar Candela Distribution



Illuminance at Distance

	Center Beam LUX	Beam Width
0.3m	4,823 LUX	0.4m
0.7m	1,206 LUX	0.9m
1.0m	536 LUX	1.3m
1.3m	301 LUX	1.8m
1.7m	193 LUX	2.2m
2.0m	134 LUX	2.7m

Beam Spread: 67.9°



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