



GENERAL INFORMATION

Designed for strength, the elektraLite **Dazer RGB** brings rich vibrant color in an incomparable level of intensity for its range.

At the heart of the elektraLite **Dazer RGB** are thirty-six powerful 5-watt LED's. Its rugged design allows the **Dazer RGB** to be a workhorse in stage, studio, live event, and production environments.

The **Dazer RGB**'s sophisticated, proprietary diffraction lensing system provides a packed punch of color in a variety of beam spreads. In fact, included with each fixture are four interchangeable optics, giving the user the options of 15°, 25°, 40°, and 60° beam spreads.

A powerful, well-rounded LED lighting fixture, the elektraLite **Dazer RGB** is ready to bring rich, powerful color to a wide variety of public spaces including stages, classrooms, galleries, worship spaces, studios, and event spaces.

A user-friendly onboard control interface allows for multiple control options including master/slave, DMX, strobe, and console-free static operation.

The **Dazer RGB** has 5-pin XLR DMX connectors (both in and thru). With a convenient, strong double-yoke included standard, mounting options are limitless.

FEATURES

- thirty-six powerful 5-watt LED's combine to bring rich, vivid red, blue, and green color saturation, along with literally millions of color blending combinations
- clean, flicker-free on camera operation
- strong double yoke allows for floor mount or hanging
- variable adjustable speed strobe effect
- sophisticated diffraction lensing system provides all four beam size diffractive-lens optics (15°, 25° (installed) , 40°, and 60°) included standard with each fixture
- can be run in stand-alone or master/slave configuration, with or without a control source, for fast, effective, and efficient operation
- thermal protection and cooling built-in
- double-slot gel frame holder and accessory slot with clip built-in

ORDERING INFORMATION

ELE709	Dazer RGB LED PAR w/ four-lens set
ELE720	Dazer Four-Leaf Barn Door <i>(black)</i>
-W	White Finish <i>(add to end of fixture part number)</i>



ELE709

Dazer RGB

(36) 5W RGB [12 Red / 12 Green / 12 Blue] LED

SPECIFICATIONS

Power Consumption	- 200 watts (1.9A)
Electrical	- multi-voltage; AC 100-240V – 50/60Hz
Housing	- black aluminum
Materials	- corrosion resistant hardware
Yoke	- rigid flat steel
Light Engine	- thirty-six 5-watt LED emitters
Refresh Rate	- >400Hz
CRI	- 78
Optics / Lensing(s)	- Variable Diffraction Lensing
Control	- DMX-512A (in and thru) via 5-pin XLR

ACCESSORIES

Accessories Included with each **Dazer RGB** are as follows:

- (1) double-yoke
- (1) set of lenses, including 15°, 25° (installed) , 40°, and 60°
- (1) 24" integrated power cable with Edison connector

PHOTOMETRICS

Photometric data was taken with all channels at full, and reflects the output of the fixture with the lens installed as noted. Comparisons between fixtures should only be made with photometric data that incorporates the lensing system to be used.

Lens	Beam Angle	Field Angle	Candela (cd)	Field Lumens	Lumens per Watt
15°	13°	25°	58,195	4,254	29.7
25°	28°	54°	57,498	3,855	29.8
40°	41°	65°	57,42	3,789	29.2
60°	58°	82°	57,310	3,320	28.8

Lens	Beam Size at 10' Throw (d)	Beam Size at 20' Throw (d)	Beam Size at 30' Throw (d)
15°	6'-3"	12'-6"	20'-4"
25°	8'-2"	15'-1"	23'-7"
40°	12'-4"	21'-9"	32'-10"
60°	16'-8"	28'-0"	40'-9"

To determine illumination in footcandles (fc) at any distance, divide candlepower (cd) by distance squared ($fc=cd/(d^2)$).
For Lux, multiply footcandles (fc) by 10.76.

DMX PROFILE

Depending on personality chosen, the Dazer RGB can be set for operation from 5 to 10 channels of DMX. Consult the User Manual for further details. The following menu is for use when Personality is set to STAG mode.

CH	ACTION DESCRIPTION	VALUE
1	Grand Master for RGB	0-255
2	RED LED's*	0-255
3	GREEN LED's*	0-255
4	BLUE LED's	0-255
5	No Effect	0-10
	Snap to Red 255	011
	Crossfade Red (255>0) to Green (0-255)	12-50
	Crossfade Green (255>0) to Blue (0-255)	51-90
	Crossfade Blue (255>0) to Red (0-255)	91-130
	Crossfade Red (255>0) to White (0-255)	131-150
	Crossfade White (255>0) to Blue (0-255)	151-170
	Snap to White 1 (approximately 3200°K)	201-205
	Snap to White 2 (approximately 3400°K)	206-210
	Snap to White 3 (approximately 4200°K)	211-215
	Snap to White 4 (approximately 4900°K)	216-220
	Snap to White 5 (approximately 5600°K)	221-225
	Snap to White 6 (approximately 5900°K)	226-230
	Snap to White 7 (approximately 6500°K)	231-235
	Snap to White 8 (approximately 7200°K)	236-240
6	Strobe Effect	0-255
7	Automatic Programs (various – see manual)	41-255
8	No Effect	
9	Dimmer Curve (various – see manual)	0-255
10	ID Fixture Address (various – see manual)	0-255

* = consult manual for full DMX Profile details

DIMENSIONS CHART

Physical Dimensions			Shipping Dimensions		
Height	Length	Width	Height	Length	Width
8.5"	11"	8.5"	14"	14"	11"

WEIGHTS CHART

Weight		Shipping Weight	
lbs	kgs	lbs	kgs
9.5	4.3	13.0	5.9