

Dazer TW

ELE736

(36) 5W Theatrical White (3,200K-5,600K) LED



GENERAL INFORMATION

The elektraLite **Dazer TW** brings clean, variable stage and film quality white light with a tight control on variable color temperature.

At the heart of the elektraLite **Dazer TW** are thirty-six powerful 5-watt LED's. With a distributed balance of both 3,200K and 5,600K color temperature LED's, the **Dazer TW** provides a unique, highly-tunable spectrum of white light, ranging from traditional quartz stage light, through clean, bright fluorescent all the way to strong, bright tungsten white.

A powerful, tunable LED fixture, the elektraLite **Dazer TW** was developed for bringing traditional theatrical-style white light to stage and on-camera applications. Additionally, the **Dazer TW** is an excellent white light where varying color is desired. Everything from blackbox and mainstage productions to recording studio and broadcast facilities benefit from having broadband white light in a single fixture, for varying stage looks as well as skin-tone tuning.

The **Dazer TW**'s sophisticated, proprietary diffraction lensing system provides a packed punch of light 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 user-friendly onboard control interface allows for multiple control options including master/slave, DMX, strobe, and console-free static operation. The **Dazer TW** has 5-pin XLR DMX connectors (both in and thru).

FEATURES

- thirty-six powerful 5-watt LED's combine to bring rich, consistent variable white light ranging from 3,200K – 5,600K
- 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

ELE736	Dazer TW LED PAR w/ four-lens set
ELE720	Dazer Four-Leaf Barn Door (black)
-W	White Finish (add to end of fixture part number)

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SPECIFICATIONS

Power Consumption	- 200 watts (1.9A) - maximum five fixtures per 20A circuit
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	- >800Hz
CRI	- 92
Optics / Lensing(s)	- Variable Diffraction Lensing
Control	- DMX-512A (in and thru) via 5-pin XLR
Ratings / Certifications	- ETL listing to UL1573

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°	67,434	6,190	44.3
25°	28°	54°	66,980	5,958	44.1
40°	41°	65°	63,221	5,672	43.9
60°	58°	82°	62,997	5,521	43.6

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.

ACCESSORIES

Accessories Included with each Dazer TW 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

DMX PROFILE

Depending on personality chosen, the **Dazer TW** can be set for operation from 3 to 6 channels of DMX. Consult the User Manual for further details. The following menu is for use when Personality is set to WS.Id mode.

CH	ACTION DESCRIPTION	VALUE
1	Grand Master for VW	0-255
2	COOL WHITE LED's*	0-255
3	WARM WHITE LED's*	0-255
4	Strobe Effect (various – see manual)	0-255
5	Dimmer Curve (various – see manual)	0-255
6	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

