

eyeBall

ELE721-(10D, 20D, or 40D) (7) 12W RGBW Quad LED

GENERAL INFORMATION

A powerful fixture in a compact body, the elektraLite **eyeBall** is ready to solve your solutions both big and small.

At the heart of the elektraLite **eyeBall** are seven 12-watt quad LED's, consisting of a red, green, blue, and white component. To ensure long life and reliability, the 12 watt LED is run at only 10 watts. The quad LED uses diffraction lensing, eliminating "rainbow" color spots which are typical when individual LED's are exposed in lighting a cyc or similar background. By mixing color internally, the **eyeBall**'s sophisticated diffraction lensing system provide true, blended, single-color output. Because of this, the white is perfectly blended and balanced, so as not to emit a blue-white so often seen in LED fixtures.

More than a stage and cyc wash fixture, the elektraLite **eyeBall** can also be used as a truss warmer or a shin kicker just as easily and effectively. With a convenient and compact strong double-yoke, mounting options are limitless.

A user-friendly onboard control interface allows for multiple control options in addition to DMX, including RGB, strobe, and console-free master/slave operation. Plug-and-play functionality is built right in!

The **eyeBall** has both power in and thru for easy "daisy chaining", and includes an interconnect jumper cable. The DMX connectors (both in and thru) are 5-pin XLR, however 3>5 pin and 5>3 pin turnarounds are provided for maximum flexibility.

ORDERING INFORMATION

ELE721-10D	eyeBall Quad LED with 10° Beam Spread
ELE721-25D	eyeBall Quad LED with 25° Beam Spread
ELE721-40D	eyeBall Quad LED with 40° Beam Spread

ELE735	eyeBall Four-Leaf Barn Door <i>(black)</i>
-W	White Finish <i>(add to end of fixture part number)</i>



FEATURES

- Quad LED technology; utilizing seven 12-watt quad LED's
- compact design fits perfectly in 12" box truss
- flicker-free on camera operation
- strong double yoke allows for floor mount or hanging, with low-profile adjustment handles for a slim, tight contour
- variable adjustable speed strobe effect, from 0.3 to 25 FPS
- variable, adjustable fans can be set to run automatically, manually or turned off.
- RGBW quad LED's, including 3,200K to 5,000K white, for crisp, bright, balanced white light
- compact, lightweight design ideal for a variety of locations, including small spaces and portable applications
- up to eight fixtures can be connected on one 20A circuit, and can be run in stand-alone or master/slave configuration, all with or without a control source, for fast, effective, and efficient operation

SPECIFICATIONS

Power Consumption	- 85 watts (0.9A)
Electrical	- multi-voltage; AC 100-240V – 50/60Hz - IEC power (in and thru) connectors
Housing	- high temperature black polycarbonate
Materials	- corrosion resistant hardware
Yoke	- rigid flat steel
Light Engine	- seven 12-watt quad LED emitters
Refresh Rate	- >400Hz
CRI	- 92
Optics / Lensing(s)	- Diffraction Lensing
Control	- DMX-512A (in and thru) via 5-pin XLR - 3>5 & 5>3 pin turnarounds included
Ratings / Certifications	- ETL listing to UL1573

ACCESSORIES

Accessories Included with each eyeBall are as follows:

- (1) double-yoke
- (1) 24" IEC power cable with Edison connector
- (1) 108" IEC extension cable
- (1) 108" 5-pin DMX extension cable
- (1) 3>5 pin DMX turnaround
- (1) 5>3 pin DMX turnaround

DMX PROFILE

Depending on personality chosen, the eyeBall can be set for operation from 4 to 11 channels of DMX. The following menu is for setting ARC2.D. Consult the User Manual for further details.

CH	ACTION DESCRIPTION	VALUE
1	Grand Master for RGBW	0-255
2	RED LED's	0-255
3	GREEN LED's	0-255
4	BLUE LED's	0-255
5	WHITE LED's	0-255
6	Linear Dimmer Speed (DIM=OFF)	0-50
	Nonlinear Speed 1 (DIM1)	51-100
	Nonlinear Speed 2 (DIM2)	101-150
	Nonlinear Speed 3 (DIM3)	151-200
	Nonlinear Speed 4 (DIM4)	201-255

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
10°	11°	19°	75,351	1521	25.5
25°	22°	36°	75,232	1405	24.8
40°	39°	53°	74,760	1390	24.2

Lens	Beam Size at 10' Throw (d)	Beam Size at 20' Throw (d)	Beam Size at 30' Throw (d)
10°	6'-3"	11'-9"	19'-2"
25°	8'-4"	15'-3"	23'-4"
40°	10'-9"	21'-10"	28'-1"

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.

DIMENSIONS CHART

Physical Dimensions			Shipping Dimensions		
Length	Width	Height	Length	Width	Height
8.6"	6.5"	6.5"	15"	9"	9"

WEIGHTS CHART

Weight		Shipping Weight	
lbs	kgs	lbs	kgs
4.6	2.0	8.0	3.6