GENERAL INFORMATION

A powerful, well-rounded stage light, the elektraLite **1018AI** is ready to bring rich vibrant color at a professional level.

At the heart of the elektraLite **1018AI** are eighteen powerful 12-watt 6-in-1 LED's, consisting of a red, green, blue, white, amber, and indigo component. The 6-in-1 LED uses diffraction lensing, eliminating "rainbow" color spots which are typical when individual LED's are exposed in lighting a cyc or similar background.

The elektraLite **1018AI** is designed to deliver rich, vibrant colors you expect from an LED fixture, while still providing true, brilliant, tunable white. By mixing color internally, the **1018AI**'s sophisticated diffraction lensing system provide true, blended, single-color output. Because of this, the white is tunable with the amber and white LED components, and the color range for pastel and deep blues and purples is intensified with the indigo component.

By adding amber and indigo to the LED emitter, the elektraLite **1018AI** is ideal for 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, including RGB, strobe, and console-free static operation.

The **1018AI** has 5-pin XLR DMX connectors (both in and thru). With a convenient, strong double-yoke included standard, mounting options are limitless.

FEATURES

- LED technology; utilizing eighteen 12-watt 6-IN-1 LED's

- rich, vivid red, blue, green and white, with added amber for true white color toning, and indigo for pastel blending and well-rounded color saturation

- crisp 5,600K white light and balancing from 2,700K utilizing amber

- flicker-free on camera operation

- strong double yoke allows for floor mount or hanging

- variable adjustable speed strobe effect

- sophisticated diffraction lensing system provide true, blended, single-color output

- up to six 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

- thermal protection and cooling built-in

- double-slot gel frame holder and accessory slot with clip built-in

ORDERING INFORMATION

ELE788   1018AI LED with 30° Beam Spread

ELE720   1018 Four-Leaf Barn Door *(black)*
-W   White Finish *(add to end of fixture part number)*

SPECIFICATIONS

Power Consumption	- 260 watts (2.0A) - 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	- eighteen 12-watt LED emitters
Refresh Rate	- >800Hz
CRI	- 92
Optics / Lensing(s)	- Diffraction Lensing
Control	- DMX-512A (in and thru) via 5-pin XLR
Ratings / Certifications	- ETL listing to UL1573 - L70 at 56,000 hours

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
30°	29°	64°	87,993	2884	27.5

Lens	Beam Size at 10' Throw (d)	Beam Size at 20' Throw (d)	Beam Size at 30' Throw (d)
30°	6'-3"	12'-8"	19'-2"

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 **1018AI** are as follows:

(1) double-yoke

(1) 24" integrated power cable with Edison connector

DMX PROFILE

Depending on personality chosen, the **1018AI** can be set for operation from 4 to 13 channels of DMX. 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	Amber LED's	0-255
7	Indigo LED's	0-255
8	Crossfades*	0-255
9	Strobe Effect	0-255
10	HSV	10-255
11	Speed Control for Channel 10	0-255
12	Dimmer Curve (various – see manual)	0-255
13	ID Fixture Address (various – see manual)	1-255

* = 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

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In a policy of continual improvement, specifications are subject to change. 7/17

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