



## FEATURES

- quad LED technology; utilizing eighteen 12-watt quad LED's
- rich, vivid red, blue, and green color saturation
- clean, bright 5,600K white light
- 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 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
- thermal protection and cooling built-in
- double-slot gel frame holder and accessory slot with clip built-in

## GENERAL INFORMATION

A powerful, well-rounded stage light, the elektraLite **1018** is ready to bring rich vibrant color to a strong white fixture.

At the heart of the elektraLite **1018** are eighteen powerful 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.

The elektraLite **1018** is designed to deliver rich, vibrant colors you expect from an LED fixture, while still providing true, brilliant white. By mixing color internally, the **1018's** sophisticated diffraction lensing system provide true, blended, single-color output. Because of this, the white is perfectly blended and balanced at 5,600K, so as not to emit a blue-white so often seen in LED fixtures.

By having true white built in to the LED emitter, the elektraLite **1018** 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 **1018** has 5-pin XLR DMX connectors (both in and thru). With a convenient, strong double-yoke included standard, mounting options are limitless.

## ORDERING INFORMATION

ELE708-19	1018 Quad LED with 19° Beam Spread
ELE708-30	1018 Quad LED with 30° Beam Spread
ELE720	1018 Four-Leaf Barn Door <i>(black)</i>
-W	White Finish <i>(add to end of fixture part number)</i>



# ELE708-(19 or 30)

# 1018

(18) 12W RGBW Quad LED

## 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	- eighteen 12-watt quad LED emitters
Refresh Rate	- >400Hz
CRI	- 88
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
19°	19°	36°	86,200	2061	26.6
30°	29°	64°	85,405	2042	26.1

Lens	Beam Size at 10' Throw (d)	Beam Size at 20' Throw (d)	Beam Size at 30' Throw (d)
19°	4'-0"	8'-0"	12'-6"
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.

## DIMENSIONS CHART

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

## ACCESSORIES

Accessories Included with each **1018** are as follows:

- (1) double-yoke
- (1) 24" integrated power cable with Edison connector

## DMX PROFILE

Depending on personality chosen, the **1018** can be set for operation from 4 to 11 channels of DMX. Consult the User Manual for further details.

CH	ACTION DESCRIPTION	VALUE
1	Grand Master for RGBW	0-255
2	RED Leds*	0-255
3	GREEN Leds*	0-255
4	BLUE Leds	0-255
5	WHITE Leds	0-255
6	No Effect	0-010
	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 Red / Green / Blue / White (255)	171-200
	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
7	Strobe Effect	0-255
8	Automatic Programs (various – see manual)	41-255
9	Crossfade Time for Automatic Programs	0-255
10	Dimmer Curve (various – see manual)	0-255
11	ID Fixture Address (various – see manual)	0-255

\* = consult manual for full DMX Profile details

## WEIGHTS CHART

Weight		Shipping Weight	
lbs	kgs	lbs	kgs
9.5	4.3	13.0	5.9

