

1018-AI Outdoor

ELE812 (18) 12W RGBWAI IP65 LED



GENERAL INFORMATION

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

At the heart of the elektraLite **1018AI Outdoor** are eighteen powerful 12-watt 6-in-1 LED's, consisting of a red, green, blue, white, amber, and indigo component. The elektraLite **1018AI Outdoor** 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 Outdoor**'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.

A user-friendly onboard control interface allows for multiple control options including master/slave, DMX, including RGB, strobe, and console-free static operation. 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 2,700K amber
- flicker-free on camera operation
- 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
- standard IP68 outdoor waterproof connectors for both power and data, allowing for reliable operation in all conditions

ORDERING INFORMATION

ELE812	1018-AI Outdoor IP65 6-in-1 LED
ELE724-AP*	12" Edison to IP68 Power Adapter
ELE724-AD*	12" 5-pin DMX to IP68 Data Adapter
ELE724-CP6	6' IP68 Power Extension Cable
ELE724-CP16	16' IP68 Power Extension Cable
ELE724-CP18	18' IP68 Power Extension Cable
ELE724-CP24	24' IP68 Power Extension Cable
ELE724-TP	IP68 Power Cable Endcap
ELE724-DC6	6' IP68 Data Extension Cable
ELE724-DC16	16' IP68 Data Extension Cable
ELE724-DC18	18' IP68 Data Extension Cable
ELE724-DC24	24' IP68 Data Extension Cable
ELE725-TD	IP68 Data Cable Endcap

* = (1) included with each fixture

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SPECIFICATIONS

Power Consumption	- 320 watts (2.67) - 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	- >1,200Hz
CRI	- 92
Optics / Lensing(s)	- Diffraction Lensing
Control	- DMX-512A (in and thru) via 5-pin XLR
Ratings / Certifications	- IP65 (wet location) - L70 at 56,000 hours - ETL listing to UL1573

ACCESSORIES

Accessories included with each 1018-AI Outdoor are as follows:

- (1) double-yoke
- (2) 12" integrated power cable with IP68 connector [in and thru – 1M / 1F]
- (2) 12" integrated data cable with IP68 connector [in and thru – 1M / 1F]
- (1) 12" Edison to IP68 connector Power Adapter (ELE724-AP)
- (1) 12" 5-pin DMX to IP68 connector Data Adapter (ELE724-AD)

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.

DMX PROFILE

Depending on personality chosen, the 1018AI can be set for operation from 4 to 13 channels of DMX.

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
9.5"	12"	9.5"	14"	14"	11"

WEIGHTS CHART

Weight		Shipping Weight	
lbs	kgs	lbs	kgs
20.2	9.2	25.0	11.3