NOTE: Inset intended to show detail of housing connectivity only.

GENERAL INFORMATION

Designed to be compact and efficient, the new elektraLite **SLA Retina** is a hard-working mini LED lighting fixture ideal for every designers' toolbox.

Based on a trio of the new high-powered CREE 15-watt quad LED's, the RGBW LED's are brighter than ever, and deliver more than 1,400 lumens in just a small 5" hexagon package. With a moderate 25 degree beam spread, the **SLA Retina** provides ample coverage in its range, while still allowing for highlighting and Fresnel-like spot coverage of close applications.

Intended for durability, the elektraLite **SLA Retina** is rated for outdoor use with an IP65 rating. Additionally, the fixture uses IP68 cable connectivity, because we know that sometimes things get wet, and occasionally your cables will end up in a puddle. To add to its durability, the **SLA Retina** uses UV-stabilized cable that can take both harsh coastal sunlight and high altitude intensity.

Originally designed as a "Show Lighting Accent" (SLA) fixture, the elektraLite **SLA Retina** is purposefully small in size to be hidden in corners, coves, set-pieces, scenery, and in portable stage applications. Additionally, because the fixture is outdoor-rated, placement in planters, rooftops, eaves, holiday displays, and every other imaginable application where low-power / high-output lighting is necessary.

The SLA comes standard with two individual yoke arms which allow the fixture to be hung from above, permanently mounted to a surface, or placed on the ground. The height of the yoke stands maybe individually adjusted for maximum flexibility.

FEATURES

- Quad LED technology; utilizing three 15-watt quad LED's

- compact design fits perfectly in set pieces and scenery, plus with the IP65 rating, ideal for planters, rooftops, and a diverse use of indoor and outdoor applications

- Flicker-free on camera operation

- A flush ceiling ring adapter can be purchased for mounting in the fixture in a hard ceiling

- RGBW quad LED's, including 5600K white, for crisp, bright, balanced white light

- fixture can be locked in multiple formats to create an array, including straight line, hexagonal, or triangular shapes. Using them in these formats gives the designer greater flexability and coverage.

- Manual operation in either a static look or with in-built programs, or control via DMX to produce your own custom program

ORDERING INFORMATION

ELE821   SLA Retina

ELE821-RR   Flush Ceiling Adapter Ring Kit

elektraLite ∞ Professional LED Lighting
70 Sea Lane ∞ Farmingdale, New York ∞ 11735 ∞ 631.396.0184 ∞ MyElektraLite.com

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SPECIFICATIONS

Power Consumption	- 55 watts (0.46A)
Electrical	- multi-voltage; AC 100-250V – 50/60Hz - PG7 power (in and thru) connectors
Housing	- black anodized aluminum
Materials	- corrosion resistant hardware
Yoke	- rigid flat steel
Light Engine	- three 15-watt quad LED emitters
Refresh Rate	- >800Hz
CRI	- 91
Optics / Lensing(s)	- Diffraction Lensing
Control	- DMX-512A (in and thru) via 5-pin XLR
Ratings / Certifications	- ETL listing to UL1573 - IP65

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
25°	25°	35°	75,232	1405	24.8

Lens	Beam Size at 10' Throw (d)	Beam Size at 20' Throw (d)	Beam Size at 30' Throw (d)
25°	8'-4"	15'-3"	23'-4"

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 **SLA Retina** are as follows:

(2) 120° swivel trunnion / mounting foot / wall bracket

(2) 9" integrated power cable with IP68 connector
   [in and thru – 1M / 1F]

(2) 9" 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)

DMX PROFILE

Depending on personality chosen, the **SLA Retina** can be set for operation using 5-10 channels of DMX. Consult the User Manual for further details.

CH	ACTION DESCRIPTION	VALUE
1	Master Dimmer	0-127
	Strobe (23Hz)	128-250
2	Red	0-255
3	Green	0-255
4	Blue	0-255
5	White	0-255

DIMENSIONS CHART

Physical Dimensions			Shipping Dimensions		
Length	Width	Height	Length	Width	Height
5.75"	4.5"	5"	TBA	TBA	TBA

WEIGHTS CHART

Weight		Shipping Weight	
lbs	kgs	lbs	kgs
1.3	0.6	TBA	TBA

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In a policy of continual improvement, specifications are subject to change. 9/16

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