Dazer Downlight

LED Pendant Downlight

GENERAL INFORMATION

With a design based on the time-tested and proven elektraLite Dazer, the new elektraLite **Dazer Downlight** brings the same power and intensity in an architectural form factor designed to fit more distinct environments.

Available standard in both Warm White (3,400K) and RGBA, the elektraLite **Dazer Downlight** can also come in a wide variety of LED array options, as well as custom body colors.

At the heart of the ElektraLite **Dazer Downlight** are thirty-six powerful 5-watt LED's. The **Dazer Downlight** provides the same clean, rich, beautiful light audiences have grown to enjoy. The elektraLite **Dazer Downlight** is available in an array of beam spreads, including 15°, 25°, 40°, and 60° optics. Optics are pre-installed, allowing for quick and easy on-site installation.

Installation-friendly, the elektraLite **Dazer Downlight** has a terminal strip for data and screw terminals for power. An integrated yoke allows for sloped-ceiling mounting where the fixture will automatically adjust to a proper flat trim. Attachment to the yoke is with a ¾" fan downrod, where cables can also be run to allow for installation with no visible wires. Additionally, a safety cable ring holds the fixture as a second point of safety for secure mounting.

FEATURES

- thirty-six powerful 5-watt LED's combine to bring rich, consistent, balanced light

- available in both Warm White (3,400K) and RGBA standard (custom LED arrays available upon request)

- clean, flicker-free on camera operation

- sophisticated diffraction lensing system provides all four beam size diffractive-lens optics (15°, 25°, 40°, and 60°) available for each fixture

- effective houselight replacement with up to 90% energy savings and as short as a six month payoff return*

- installation-friendly and contractor ready, including easy-to-understand guide for power and data connectivity

- available standard in black, white, silver, and custom color powercoat finish

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*= consult factory for a no-charge customized energy study

ORDERING INFORMATION

ELE816-*-**	Dazer WW LED Downlight
ELE816RGBA-*-**	Dazer RGBA LED Downlight

*_ = Body Color_		**_ = Lens Option_	
-B	Black Finish‡	-15	15 degree lens
-W	White Finish	-25	25 degree lens
-S	Silver Finish	-40	40 degree lens‡
-C	Custom Finish	-60	60 degree lens

‡ = default option if not selected

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SPECIFICATIONS

Power Consumption	- 200 watts (1.9A)
Electrical	- multi-voltage; AC 100-240V – 50/60Hz
Housing	- black aluminum
Materials	- corrosion resistant hardware
Light Engine	- thirty-six 5-watt LED emitters
Refresh Rate	- >800Hz
CRI	- 92
Optics / Lensing(s)	- Diffraction Lensing
Control	- DMX-512A via terminal block
Ratings / Certifications	- ETL listing to UL1573

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
15°	13°	25°	84,981	6,625	43.0
25°	28°	54°	84,630	6,514	43.1
40°	41°	65°	84,445	6,108	42.4
60°	58°	82°	84,128	5,567	42.2

Lens	Beam Size at 10' Throw (d)	Beam Size at 20' Throw (d)	Beam Size at 30' Throw (d)
15°	6'-3"	12'-6"	20'-4"
25°	8'-2"	15'-1"	23'-7"
40°	12'-4"	21'-9"	32'-10"
60°	16'-8"	28'-0"	40'-9"

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 **Dazer Downlight** are as follows:

(1) single yoke

(1) optical lens, either 15˚, 25˚, 40° (standard) or 60°

DMX PROFILE

Depending on personality chosen, the **Dazer Downlight** can be set for operation from 2 to 4 channels of DMX. Consult the User Manual for further details. The following menu is for use when Personality is set to WS.Id mode.

CH	ACTION DESCRIPTION	VALUE
1	Grand Master for WW	0-255
2	Strobe Effect (various – see manual*)	0-255
3	Dimmer Curve (various – see manual*)	0-255
4	ID Fixture Address (various – see manual*)	0-255

* = consult manual for full DMX Profile details

DIMENSIONS CHART

Physical Dimensions			Shipping Dimensions		
Height	Length	Width	Height	Length	Width
12.5"	7.7"	7.7"	20"	12"	12"

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. 9/16

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