



GENERAL INFORMATION

The elektraLite **Dazer Spark** brings clean, bright, cool white light in an incomparable level of intensity for its range. The intense white LED used in the **Dazer Spark** was specifically developed to bring out the high-gloss finish in vehicles such as luxury cars and watercraft without producing glare. Even matte finish vehicles look sleek and dramatic under the stark, cool white of the **Dazer Spark**. This complex LED technology, combined with variable lens options and high-level energy efficiency, provides for an incredible fixture designed with marketing and sales as its primary function.

The cool, crisp white light is balanced right at 7,200K to provide a clean, strong look while delivering powerful intensity. This white light is traditionally used with diamonds and other gemstones to provide sparkle in the dispersion of the product surface. When applied on a larger scale, this same principle can be scaled to larger items like electronics, vehicles, bicycles, and boats.



In addition to the significant marketing and sales value, the **Dazer Spark** brings a high level of energy efficiency. At only 180 watts, the **Dazer Spark** uses 82% less electricity than other fixtures designed for the same purpose. This also reduces heat output, reducing the thermal load on the building, and reducing HVAC use.

FEATURES

- designed specifically for high-value sales and marketing, including showrooms, exhibitions, and festivals
- reduced HVAC use due to lower thermal load on the building, as each fixture uses only 180 watts
- thirty-six powerful 5-watt LED's combine to bring crisp, consistent cool white at a balanced 7,200K color temperature, for bright architectural white light
- strong double yoke allows for floor or overhead mounting
- variable beam options (15°, 25°, 40°, and 60°) included with each fixture for diversity of focus and position

ORDERING INFORMATION

ELE710	Dazer Spark LED PAR w/ four-lens set
ELE720	Dazer Four-Leaf Barn Door (black)
-W	White Finish (add to end of fixture part number)



ELE710

Dazer Spark

(36) 5W Cool White (7,200K) LED

SPECIFICATIONS

Power Consumption	- 200 watts (1.9A)
Electrical	- multi-voltage; AC 100-240V – 50/60Hz
Housing	- black aluminum
Materials	- corrosion resistant hardware
Yoke	- rigid flat steel
Light Engine	- thirty-six 5-watt LED emitters
Refresh Rate	- >400Hz
CRI	- 78
Optics / Lensing(s)	- Variable Diffraction Lensing
Control	- DMX-512A (in and thru) via 5-pin XLR

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°	84,198	6,866	41.4
25°	28°	54°	83,491	6,250	40.9
40°	41°	65°	83,287	5,947	40.4
60°	58°	82°	83,020	5,790	40.0

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 Spark are as follows:

- (1) double-yoke
- (1) set of lenses, including 15°, 25° (installed), 40°, and 60°
- (1) 24" integrated power cable with Edison connector

DMX PROFILE

Depending on personality chosen, the **Dazer Spark** 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 CW	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
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

