

LED Lighting Solutions

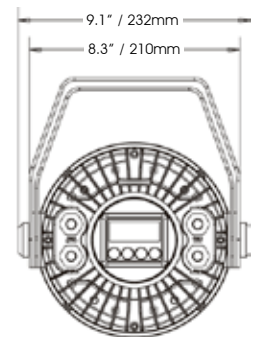
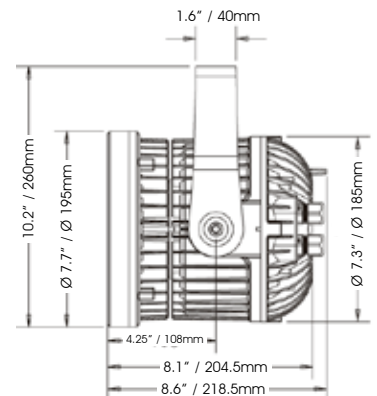


PRODUCT FEATURES

- . RGBW Outdoor IP65 Design Par
- . 36 x 3 Watt RGBW LED's
- . 10° Beam Angle, 22° Field Angle, 15° Lens
- . Includes optional diffusion filter with gel frame for 40° beam angle effect
- . IP 65 Rugged Die Cast Aluminum Case Design
- . Compact design: fits in 12" box truss
- . IP Power/Data Link
- . Auto and Manual Control
- . Built In Color Macros
- . Smooth Color Mixing Flicker Free
- . Upgradable firmware via Elation "E-Loader" Data Pack
- . Electronic Switching Power Supply 100v~240v

TECHNICAL SPECIFICATIONS

- . **DMX Channels:** 4 DMX modes
 - 4/5/7/9 Channels
- . **Control:** USITT DMX-512, 3pin
DMX in-out cable supplied and power input 120v AC ppg connector
- . **Color:** Linear RGBW Color Mixing, infinite color possibilities
- . **Strobe:** 18 flashes per second
- . **Dimmer:** 0-100% Dimming
(two dimming options; linear & standard)
- . **Cooling:** Silent Operation, convection cooled, no fans
- . **Cable Plug Type:** IP Power in-out/Data in-out
Cables include Edison 120v plug & 3pin XLR's
- . **LED's Source:** 36 x 3W Single SEOUL
12 Red, 9 Blue, 9 Green, 6 White
- . **Total Lumens:** 1,672
- . **Lux:** 4,480 lux / 416 fc @ 10' @ full
- . **LED Life:** 100,000 hours based on LED manufactures' test data
- . **Approvals:** (cETLus pending)



ENVIRONMENTAL SPECIFICATIONS

- . **Max Ambient Temperature:** 113°F/45°C .
- . **IP Level:** See bottom of page

ELECTRICAL SPECIFICATIONS

- . **Ballast:** Electronic Power supply
- . **Power Supply:** 100-240V 50/60Hz
- . **Power Consumption:** 120W
- . **Dimensions:** (LxWxH) 12.4" x 10.6" x 14.5"
/ 315 x 269 x 368mm
- . **Weight:** 15.4 lbs. (7 Kgs)

Elar 108 fixtures from Christie Lites are not IP rated. Care must be taken if fixtures are to be exposed to moisture over extended periods of time. Wrapping the XLR and power connectors with a shrink wrap tape is recommended.

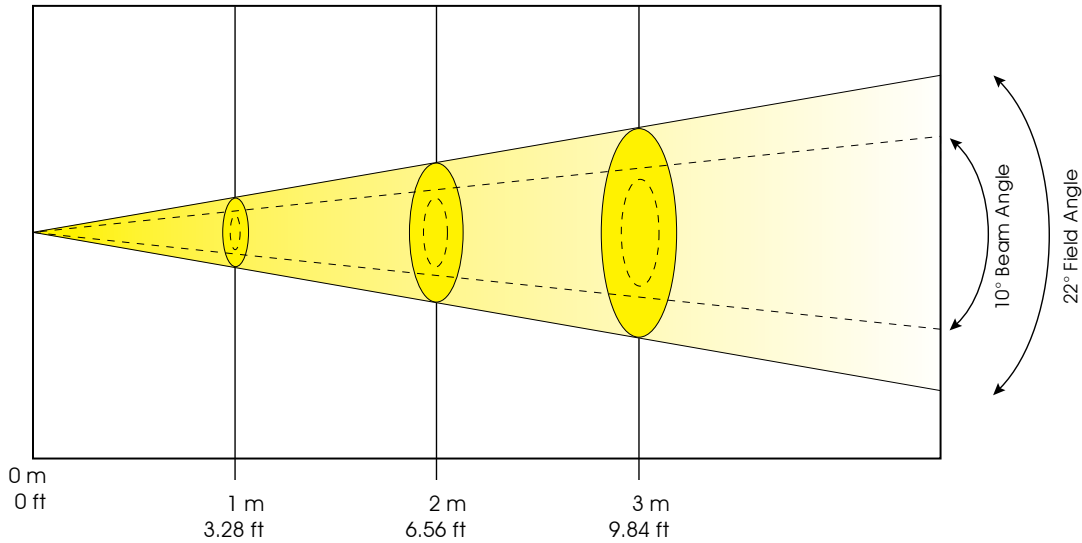
Photometrics

ELAR 108 Par RGBW Photometric Beam Angle Data

10° Beam Angle, 22° Field Angle / 15° Lens

LUX x 0.0929 = FC

R (12)	915 FC / 9,850 LUX	235 FC / 2,531 LUX	104 FC / 1,117 LUX
G (9)	1,537 FC / 16,550 LUX	414 FC / 4,460 LUX	187 FC / 2,012 LUX
B (9)	289 FC / 3,110 LUX	80 FC / 858 LUX	36 FC / 385 LUX
W (6)	773 FC / 8,320 LUX	223 FC / 2,402 LUX	100 FC / 1,076 LUX
Full (36)	3,456 FC / 37,200 LUX	941 FC / 10,130 LUX	416 FC / 4,480 LUX



Beam Diameter

10° Beam Angle	Ø 0.22 m / Ø 0.72 ft	Ø 0.44 m / Ø 1.44 ft	Ø 0.66 m / Ø 2.17 ft
22° Field Angle	Ø 0.44 m / Ø 1.44 ft	Ø 0.88 m / Ø 2.89 ft	Ø 1.32 m / Ø 4.33ft

DMX Traits

4 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0-black, 255-100% Red)
2	0 - 255	Green (0-black, 255-100% Green)
3	0 - 255	Blue (0-black, 255-100% Blue)
4	0 - 255	White (0-black, 255-100% White)

5 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0-black, 255-100% Red)
2	0 - 255	Green (0-black, 255-100% Green)
3	0 - 255	Blue (0-black, 255-100% Blue)
4	0 - 255	White (0-black, 255-100% White)
5	0 - 255	General dimming

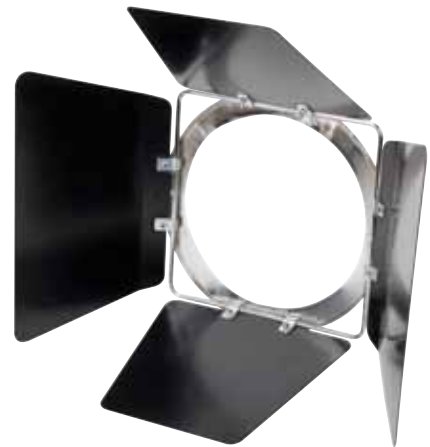
7 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0-black, 255-100% Red)
2	0 - 255	Green (0-black, 255-100% Green)
3	0 - 255	Blue (0-black, 255-100% Blue)
4	0 - 255	White (0-black, 255-100% White)
5	1 - 255	Color Temperature 2700K - 7200K
6	0 - 255	Color Macros
7	0 - 255	General dimming/speed

9 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0-black, 255-100% Red)
2	0 - 255	Green (0-black, 255-100% Green)
3	0 - 255	Blue (0-black, 255-100% Blue)
4	0 - 255	White (0-black, 255-100% White)
5	1 - 255	Color Temperature 2700K - 7200K
6	0 - 255	Color Macros
7	0 - 255	Internal Programs
8	0 - 255	Shutter/strobe
9	0 - 255	General dimming/speed

Product Order Code	Description
EAR493	Black Elar 108 RGBW
EAR529	Silver Elar 108 RGBW
Accessories Order Code	Description
LSF10-24	10° light shaping filter 24' x 24"
LSF20-22	20° light shaping filter 24' x 22"
LSF30-24	30° light shaping filter 24' x 24"
LSF601-24	1° x 60° light shaping filter 24" x 24"
Narrow Clamp	Heavy Duty 2" wrap around clamp
1190101200A1	Barn Doors
80409030011	Data ext cable 3 meter length
80409030026	Power link cable 3 meter length
80409030054*	DLED 120V Power In 3P IP Cable 1.8M
80409030065*	DLED DMX Out 3P Female XLR/5P Male IP 3M
80409030066*	DLED DMX In 3P Male XLR/5P Female IP 3M
80409030069	Power link cable 10 meter length
80409030070	Data extension cable 10 meter length



- Barn Doors (optional accessory)

*Included with unit