

LED Lighting Solutions

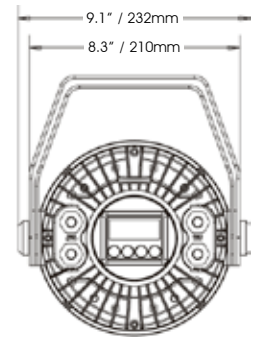
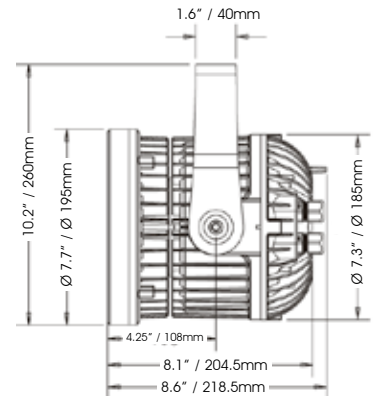


PRODUCT FEATURES

- . 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:** CE | cETLus | IP65



ENVIRONMENTAL SPECIFICATIONS

- . **Max Ambient Temperature:** 113°F/45°C
- . **IP Level:** IP65

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)

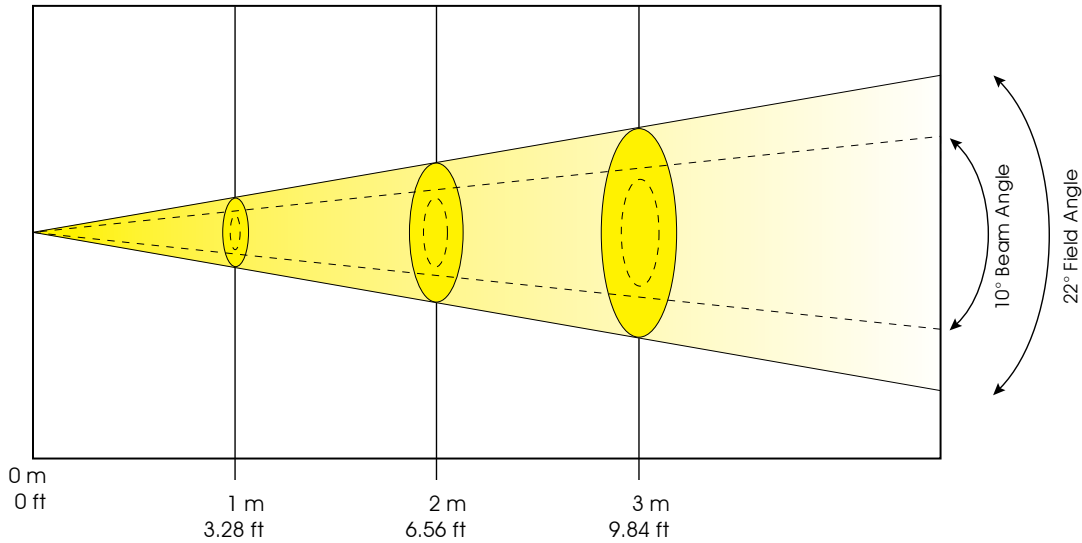
Photometrics

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

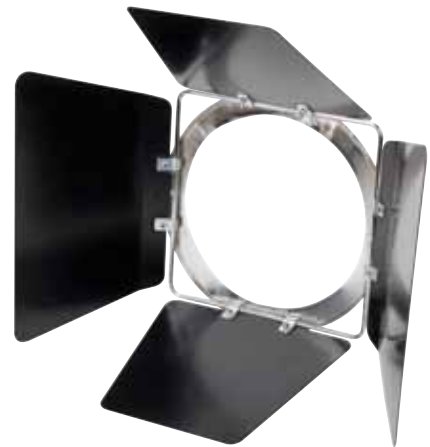
7 Channel Mode:

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