

LED Lighting Solutions

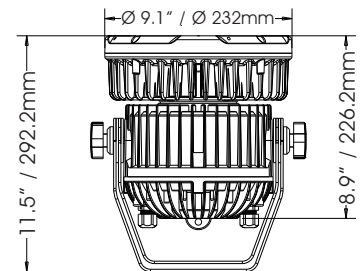
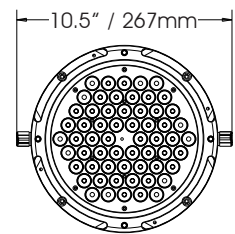


PRODUCT FEATURES

- . 180Watt RGBAW Exterior Par
- . 60 x 3 Watt RGBAW LED's
- . 9° Beam, 22° field
- . 4 Digit LED display
- . Manual mode on board Control
- . Auto Mode
- . Built In Color Macros
- . Smooth Color Mixing Flicker Free
- . Rugged Die Cast Aluminum Case
- . Split Yoke up-light bracket
- . IP Power Link up to 4pcs
- . Separate logic and LED enclosure
- . Waterproof IP66
- . Heat sink cooling

TECHNICAL SPECIFICATIONS

- . **DMX Channels:** 4 DMX modes
 - 5/6/8/10 Channels
- . **Control:** USITT DMX-512, 3pin DMX in-out cable supplied and power input 120v AC ppg connector
- . **Color:** Smooth Color Mixing, Camera ready
- . **Strobe:** 25 flashes per second
- . **Dimmer:** 0- 100% Smooth Dimming via DMX
- . **Cooling:** Convection cooled heat sinks
- . **Cable Plug Type:** IP Power in-out/Data in-out
- . Cables include Edison 120v plug & 3pin XLR's
- . **LED's Source:** 60 x 3W Single LXHL
 - 12 Red, 12 Blue, 12 Green, 12 Amber, 12 White
- . **Lux:** 10,930 lux / 1,015 fc @ 8'/2.5m
- . **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:** IP 66

ELECTRICAL SPECIFICATIONS

- . **Ballast:** Electronic Power supply
- . **Power Supply:** 100-240V 50/60Hz
- . **Power Consumption:** 200W
- . **Dimensions:** (LxWxH) 8.9" x 10.5" x 9" / 226x267x232mm
- . **Weight:** 16.5 lbs. (7.5 Kgs)

Photometrics

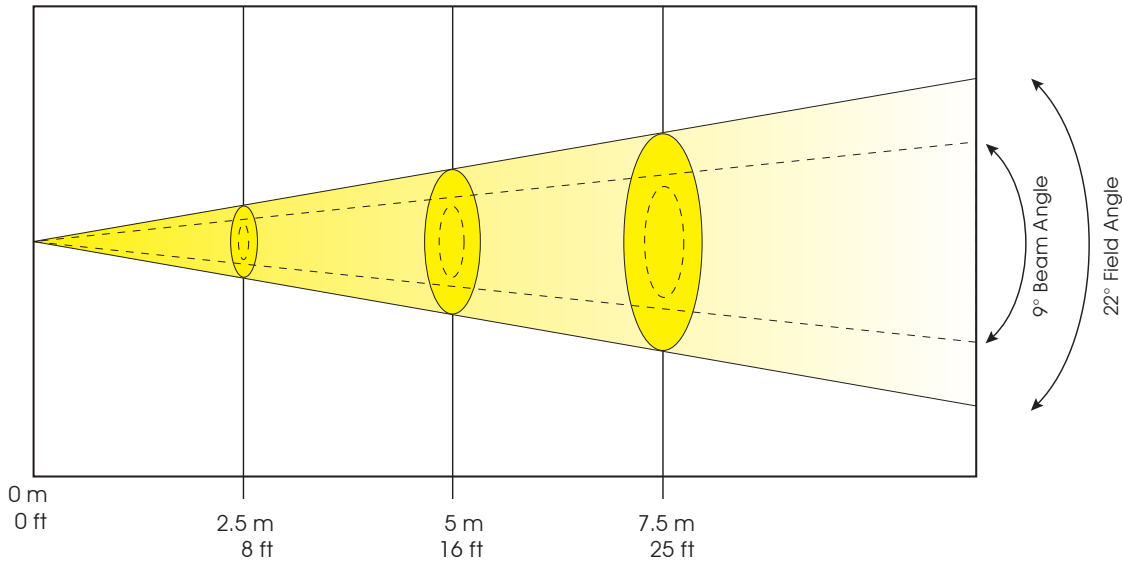
ELAR 180 Pro RGBAW

Photometric Beam Angle Data

9° Beam Angle, 22° Field Angle / 10° Lens

LUX x 0.0929 = FC

R (12)	108 FC / 1,166LUX	32 FC / 340 LUX	13 FC / 137 LUX
G (12)	400 FC / 4,296 LUX	110 FC / 1,189 LUX	49 FC / 525 LUX
B (12)	86 FC / 920 LUX	24 FC / 258 LUX	11 FC / 116 LUX
W (12)	238 FC / 2,567 LUX	69 FC / 739 LUX	29 FC / 314 LUX
A (12)	152 FC / 1,641 LUX	51 FC / 545 LUX	18 FC / 189 LUX
Full (60)	1,015 FC / 10,930 LUX	269 FC / 2,900 LUX	128 FC / 1,375 LUX



Beam Diameter

9° Beam Angle	Ø 0.96 m / Ø 3.15 ft	Ø 1.92 m / Ø 6.31 ft	Ø 2.88 m / Ø 9.45 ft
22° Field Angle	Ø 0.39 m / Ø 1.28 ft	Ø 0.78 m / Ø 2.56 ft	Ø 1.17 m / Ø 3.84 ft

DMX Traits

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	Amber (0-black, 255-100% Amber)

6 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	Amber (0-black, 255-100% Amber)
6	0 - 255	General dimming/speed

8 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	Amber (0-black, 255-100% Amber)
6	1 - 255	Color Temperature 2700K - 7200K
7	0 - 255	Color Macros
8	0 - 255	General dimming/speed

10 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	Amber (0-black, 255-100% Amber)
6	1 - 255	Color Temperature 2700K - 7200K
7	0 - 255	Color Macros
8	0 - 255	Internal Programs
9	0 - 255	Shutter/strobe
10	0 - 255	General dimming/speed

Product Order Code	Description
EAR494	Black Elar 180 RGBAW
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
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	Data extension cable 10 meter length
80409030070	Power link cable 10 meter length

*Included with unit