

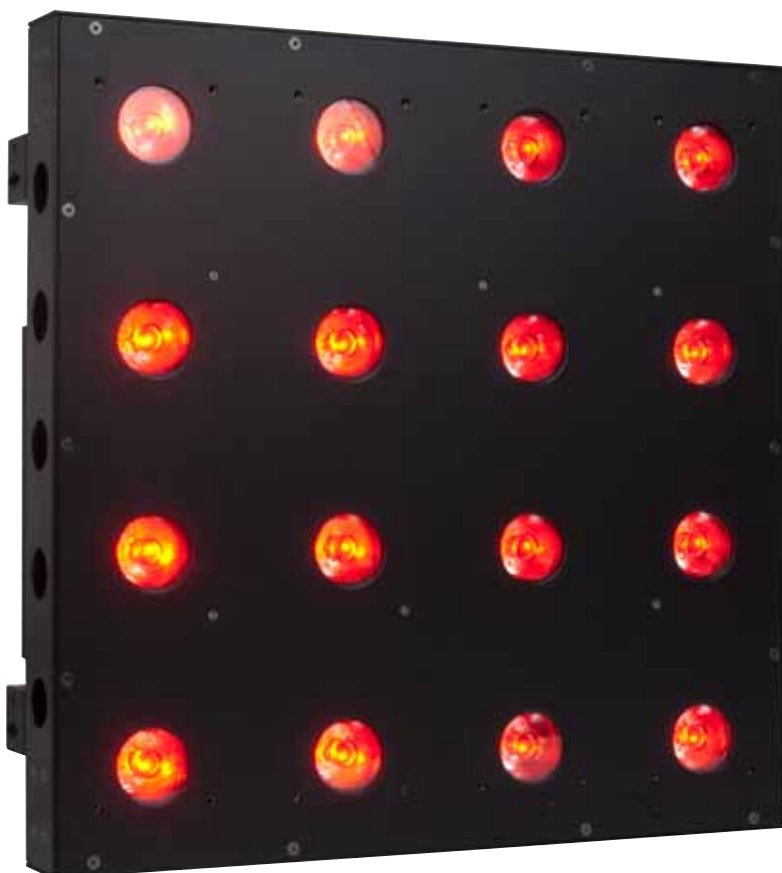
ELAR QUAD PANEL

SKU# EAR874



More Power, More Punch, More Pixels....Designers and lighting professionals can dial up a spectrum of rich, perfectly blended colors for illuminating the largest stages, buildings, facades, landscapes and other entertainment or architectural elements where extreme output and/or direct view pixel blinder effects are desired with the new ELAR Quad Series from Elation Professional.

ELAR Quad Panel - A half meter (20" x 20") square panel, the ELAR Quad Panel is powered by 16 x 10W Cree Quad LEDs, arranged in four rows of four. Using a maximum 290 watts of power, its output at 2.5 meters is 12,170 lux. It features a 12° beam angle and 21° field angle. Users can choose from 4, 5, 6, 8, 16 or 64-channel DMX modes.



SPECIFICATIONS

- 16 X 10W Cree Quad LED
- No colored shadows and perfect color mixing
- Single Pixel control mode
- 12170 Lux @ 2.5m
- 12° beam angle, 21° field angle
- IP65 die cast aluminum body
- Flicker free operation for television and film
- Color LCD Display
- USITT DMX 512
- 4/5/6/8/16/64 Channel operation mode
- Built In Color Macros, Auto & Manual control
- Holds last state when power off
- 0-100% Dimming
- Strobe effect (1-25 flashes per second)
- 3-pin XLR in/out
- Power in/out linkable
- Electronic Switching Power Supply
- Power Consumption: 290 watts
- 100-240V AC, 50/60Hz (Multi-voltage)
- Dimensions (LxWxH): 500x500x119 mm
- Weight: 41lbs

OPTIONAL ACCESSORIES

ORDER CODE	ITEM DESCRIPTION
ELARQUAD/GFH	Gel frame for ELAR Quad Series



ELAR QUAD PANEL

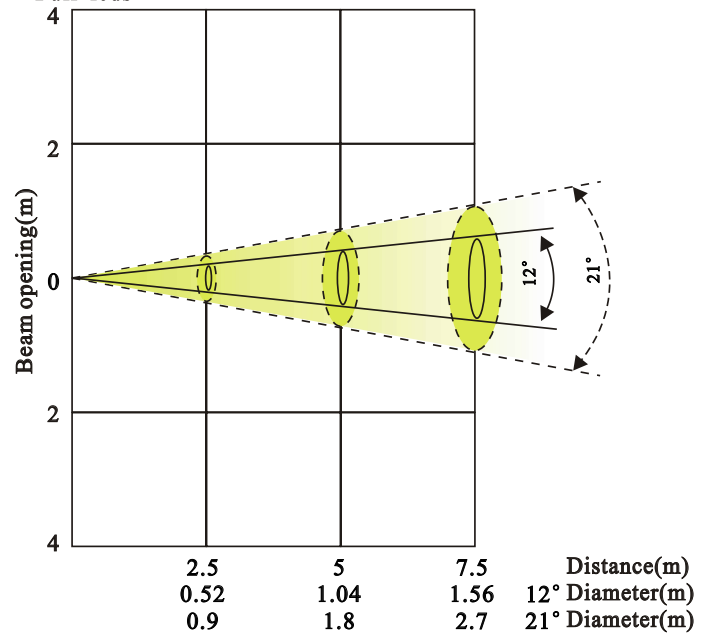
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Photometric Data

Beam angle 12°

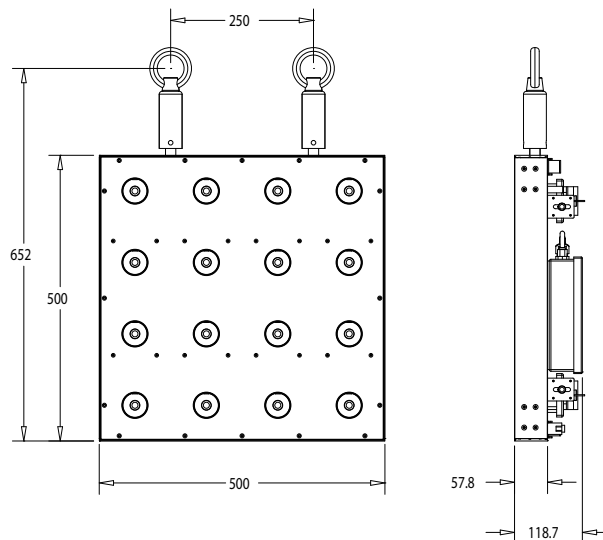
Field angle 21°

Intensity LUX	Red leds	2916	1044	476
Green leds	4650	1702	782	
Blue leds	843	883	136	
White leds	5630	1954	902	
Full leds	12170	4316	1956	



Dimensional Drawings

*Shown in millimeters



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DMX TRAITS

DMX channel's functions and their values (32 DMX channels):

Mode/Channel	Value	Function
4 5 8 10 8 16 32		
1 1 1 1	0-255	Red LED -all arrays :
		Red (0-Black , 255-100% Red)
2 2 2 2	0-255	Green LED-all arrays :
		Green (0-Black , 255-100% Green)
3 3 3 3	0-255	Blue LED -all arrays :
		Blue (0-Black , 255-100% Blue)
4 4 4 4	0-255	White LED -all arrays :
		White (0-Black , 255-100% White)
		Red LED - A group of four arrays1 :
	0-255	Red (0-Black , 255-100% Red)
		Green LED-A group of four arrays1 :
	0-255	Green (0-Black , 255-100% Green)
		Blue LED -A group of four arrays1 :
	0-255	Blue (0-Black , 255-100% Blue)
		White LED -A group of four arrays1 :
	0-255	White (0-Black , 255-100% White)
		Red LED - A group of four arrays2 :
	0-255	Red (0-Black , 255-100% Red)
		Green LED-A group of four arrays2 :
	0-255	Green (0-Black , 255-100% Green)
		Blue LED -A group of four arrays2:
	0-255	Blue (0-Black , 255-100% Blue)
		White LED -A group of four arrays2 :
	0-255	White (0-Black , 255-100% White)
		Red LED - A group of two arrays1 :
	0-255	Red (0-Black , 255-100% Red)
		Green LED-A group of two arrays1 :
	0-255	Green (0-Black , 255-100% Green)
		Blue LED -A group of two arrays1 :
	0-255	Blue (0-Black , 255-100% Blue)
		White LED -A group of two arrays1 :
	0-255	White (0-Black , 255-100% White)
		Red LED -A group of two arrays2 :
	0-255	Red (0-Black , 255-100% Red)
		Green LED-A group of two arrays2 :
	0-255	Green (0-Black , 255-100% Green)
		Blue LED -A group of two arrays2 :
	0-255	Blue (0-Black , 255-100% Blue)
		White LED -A group of two arrays2 :
	0-255	White (0-Black , 255-100% White)
		Red LED -A group of two arrays3 :
	0-255	Red (0-Black , 255-100% Red)
		Green LED-A group of two arrays3 :
	0-255	Green (0-Black , 255-100% Green)
		Blue LED -A group of two arrays3 :
	0-255	Blue (0-Black , 255-100% Blue)
		White LED -A group of two arrays3:
	0-255	White (0-Black , 255-100% White)
		Red LED -A group of two arrays4 :
	0-255	Red (0-Black , 255-100% Red)
		Green LED-A group of two arrays4 :
	0-255	Green (0-Black , 255-100% Green)
		Blue LED -A group of two arrays 4 :
	0-255	Blue (0-Black , 255-100% Blue)
		White LED -A group of two arrays 4 :
	0-255	White (0-Black , 255-100% White)



Rear Panel

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DMX TRAITS

DMX channel's functions and their values (32 DMX channels):

Mode/Channel	Value	Function
4 5 8 10 8 16 32		
	1	Red LED -array 1 ;
	0-255	Red (0-Black , 255-100% Red)
	2	Green LED-array 1 ;
	0-255	Green (0-Black , 255-100% Green)
	3	Blue LED -array 1 ;
	0-255	Blue (0-Black , 255-100% Blue)
	4	White LED -array 1 ;
	0-255	White (0-Black , 255-100% White)
	5	Red LED -array 2 ;
	0-255	Red (0-Black , 255-100% Red)
	6	Green LED-array 2 ;
	0-255	Green (0-Black , 255-100% Green)
	7	Blue LED -array 2 ;
	0-255	Blue (0-Black , 255-100% Blue)
	8	White LED -array 2 ;
	0-255	White (0-Black , 255-100% White)
	9	Red LED -array 3 ;
	0-255	Red (0-Black , 255-100% Red)
	10	Green LED-array 3 ;
	0-255	Green (0-Black , 255-100% Green)
	11	Blue LED -array 3 ;
	0-255	Blue (0-Black , 255-100% Blue)
	12	White LED -array 3;
	0-255	White (0-Black , 255-100% White)
	13	Red LED -array 4 ;
	0-255	Red (0-Black , 255-100% Red)
	14	Green LED-array 4 ;
	0-255	Green (0-Black , 255-100% Green)
	15	Blue LED -array 4 ;
	0-255	Blue (0-Black , 255-100% Blue)
	16	White LED -array 4 ;
	0-255	White (0-Black , 255-100% White)
	17	Red LED -array5 ;
	0-255	Red (0-Black , 255-100% Red)
	18	Green LED-array 5 ;
	0-255	Green (0-Black , 255-100% Green)
	19	Blue LED -array 5 ;
	0-255	Blue (0-Black , 255-100% Blue)
	20	White LED -array 5 ;
	0-255	White (0-Black , 255-100% White)
	21	Red LED -array 6 ;
	0-255	Red (0-Black , 255-100% Red)
	22	Green LED-array 6 ;
	0-255	Green (0-Black , 255-100% Green)
	23	Blue LED -array6 ;
	0-255	Blue (0-Black , 255-100% Blue)
	24	White LED -array 6 ;
	0-255	White (0-Black , 255-100% White)
	25	Red LED -array 7 ;
	0-255	Red (0-Black , 255-100% Red)
	26	Green LED-array 7 ;
	0-255	Green (0-Black , 255-100% Green)
	27	Blue LED -array 7 ;
	0-255	Blue (0-Black , 255-100% Blue)
	28	White LED -array 7 ;
	0-255	White (0-Black , 255-100% White)

