

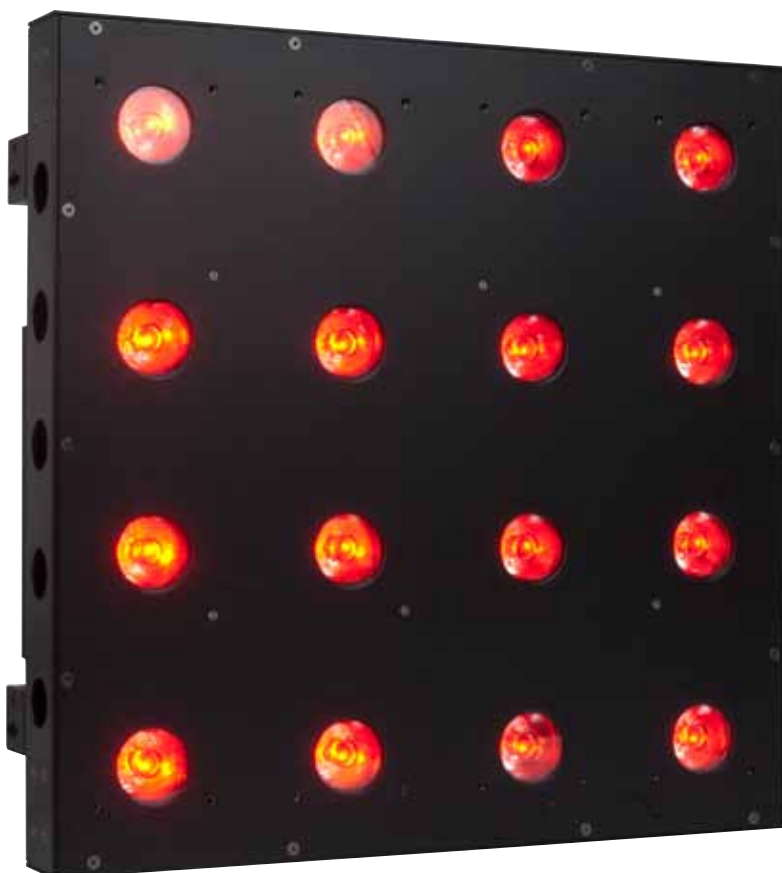
# ELAR QUAD PANEL

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

- 4 X 10W Cree Quad LED
- No colored shadows and perfect color mixing
- 1830 Lux @ 2.5m
- 11.5° 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 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: 75 watts
- 100-240V AC, 50/60Hz (Multi-voltage)
- Dimensions (LxWxH): 500x150x156 mm

## OPTIONAL ACCESSORIES

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



Intertek  
4010832

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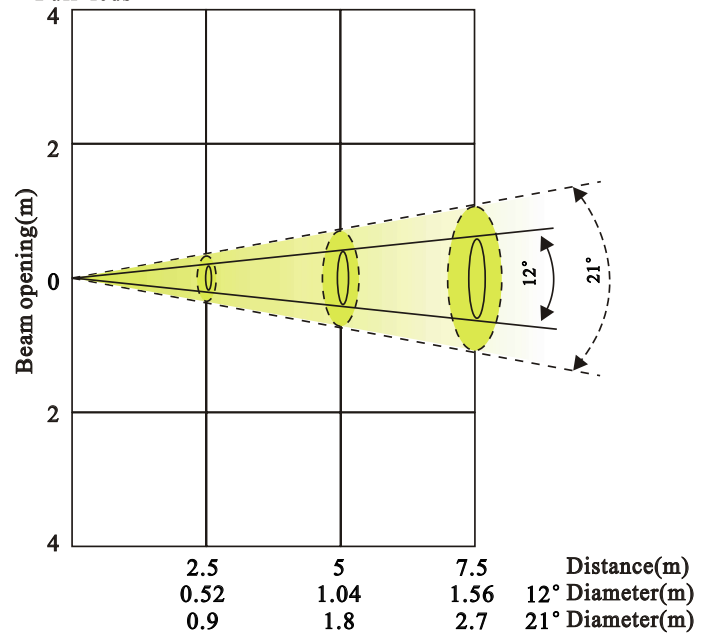
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## Photometric Data

Beam angle 12°

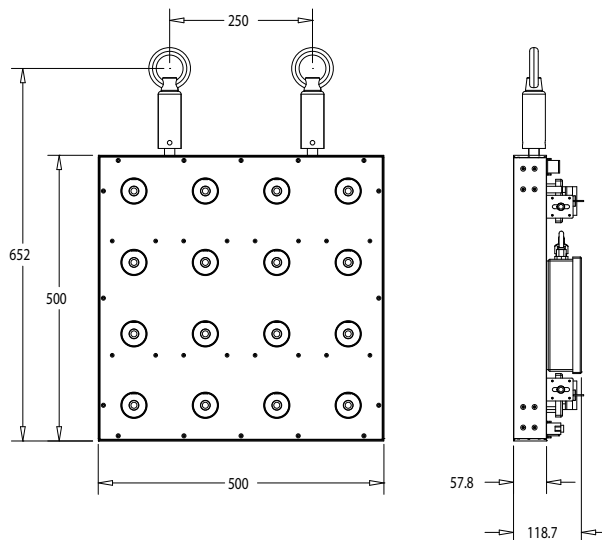
Field angle 21°

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	



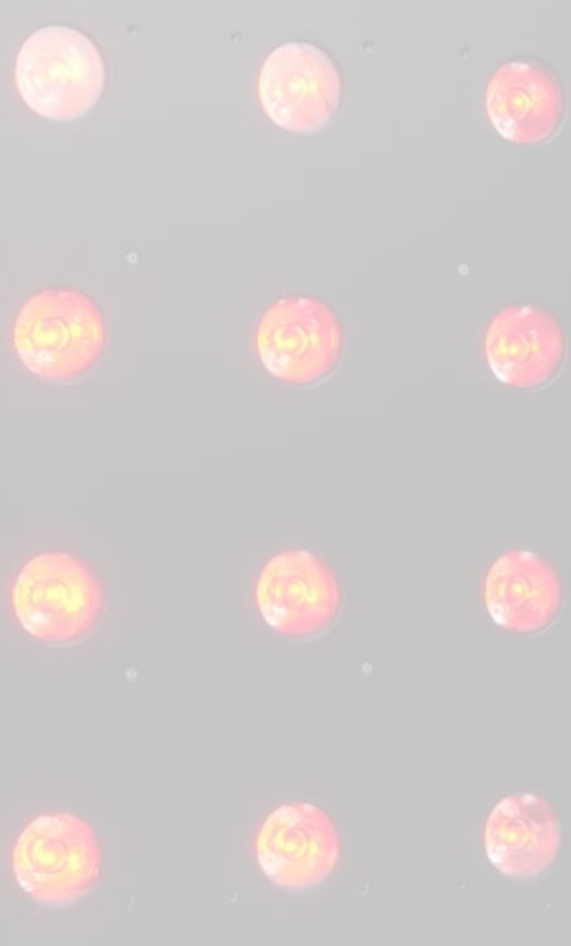
## Dimensional Drawings

\*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 :
	0-255	Red ( 0-Black , 255-100% Red )
2 2 2 2	0-255	Green LED-all arrays :
	0-255	Green ( 0-Black , 255-100% Green )
3 3 3 3	0-255	Blue LED -all arrays :
	0-255	Blue ( 0-Black , 255-100% Blue )
4 4 4 4	0-255	White LED -all arrays :
	0-255	White ( 0-Black , 255-100% White )
	0-255	Red LED - A group of four arrays1 :
1	0-255	Red ( 0-Black , 255-100% Red )
	0-255	Green LED-A group of four arrays1 :
2	0-255	Green ( 0-Black , 255-100% Green )
	0-255	Blue LED -A group of four arrays1 :
3	0-255	Blue ( 0-Black , 255-100% Blue )
	0-255	White LED -A group of four arrays1 :
4	0-255	White ( 0-Black , 255-100% White )
	0-255	Red LED - A group of four arrays2 :
5	0-255	Red ( 0-Black , 255-100% Red )
	0-255	Green LED-A group of four arrays2 :
6	0-255	Green ( 0-Black , 255-100% Green )
	0-255	Blue LED -A group of four arrays2:
7	0-255	Blue ( 0-Black , 255-100% Blue )
	0-255	White LED -A group of four arrays2 :
8	0-255	White ( 0-Black , 255-100% White )
	0-255	Red LED - A group of two arrays1 :
1	0-255	Red ( 0-Black , 255-100% Red )
	0-255	Green LED-A group of two arrays1 :
2	0-255	Green ( 0-Black , 255-100% Green )
	0-255	Blue LED -A group of two arrays1 :
3	0-255	Blue ( 0-Black , 255-100% Blue )
	0-255	White LED -A group of two arrays1 :
4	0-255	White ( 0-Black , 255-100% White )
	0-255	Red LED -A group of two arrays2 :
5	0-255	Red ( 0-Black , 255-100% Red )
	0-255	Green LED-A group of two arrays2 :
6	0-255	Green ( 0-Black , 255-100% Green )
	0-255	Blue LED -A group of two arrays2 :
7	0-255	Blue ( 0-Black , 255-100% Blue )
	0-255	White LED -A group of two arrays2 :
8	0-255	White ( 0-Black , 255-100% White )
	0-255	Red LED -A group of two arrays3 :
9	0-255	Red ( 0-Black , 255-100% Red )
	0-255	Green LED-A group of two arrays3 :
10	0-255	Green ( 0-Black , 255-100% Green )
	0-255	Blue LED -A group of two arrays3 :
11	0-255	Blue ( 0-Black , 255-100% Blue )
	0-255	White LED -A group of two arrays3:
12	0-255	White ( 0-Black , 255-100% White )
	0-255	Red LED -A group of two arrays4 :
13	0-255	Red ( 0-Black , 255-100% Red )
	0-255	Green LED-A group of two arrays4 :
14	0-255	Green ( 0-Black , 255-100% Green )
	0-255	Blue LED -A group of two arrays 4 :
15	0-255	Blue ( 0-Black , 255-100% Blue )
	0-255	White LED -A group of two arrays 4 :
16	0-255	White ( 0-Black , 255-100% White )



Rear Panel

# ELAR QUAD 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 )

