

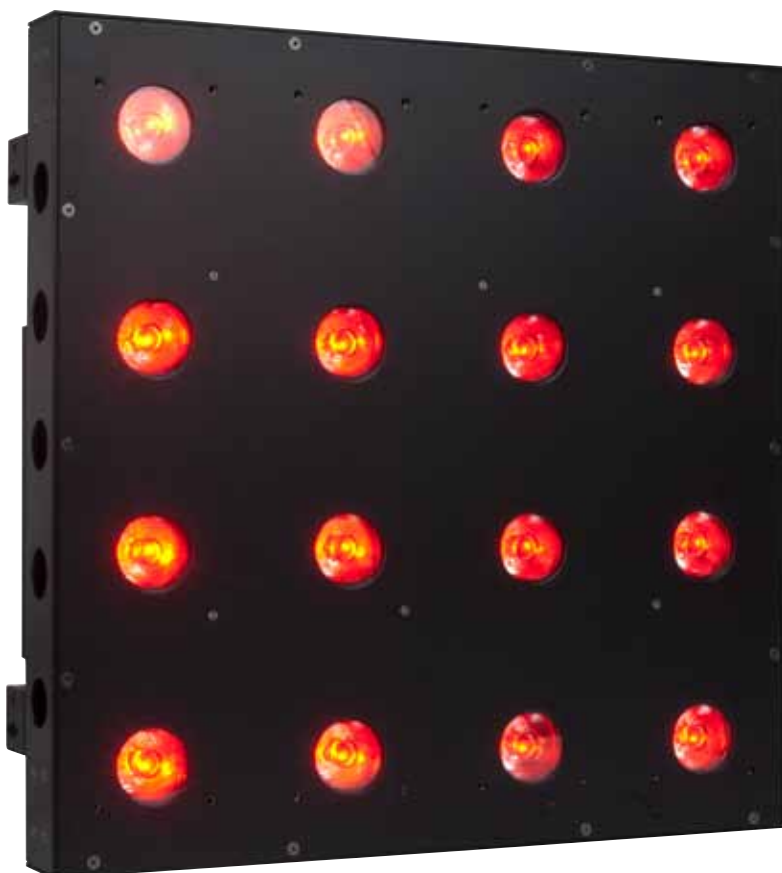
ELAR QUAD PANEL

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 |

ELAR QUAD PANEL

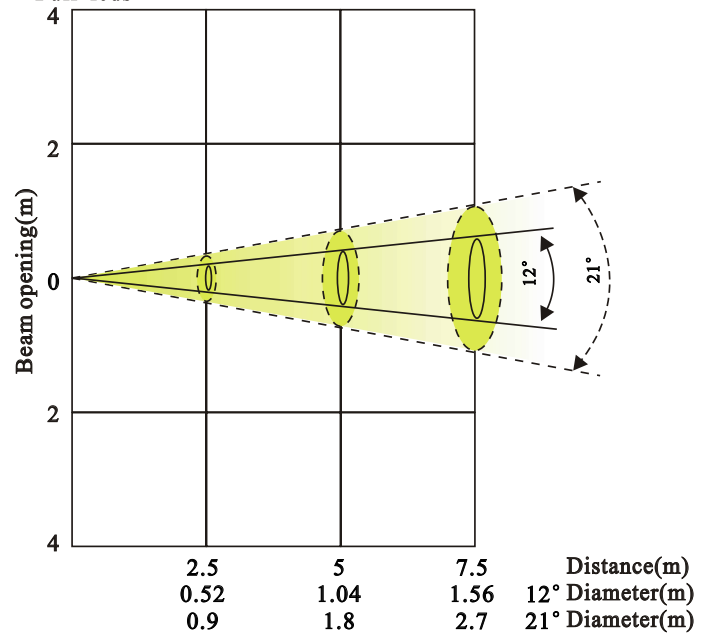
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Photometric Data

Beam angle 12°

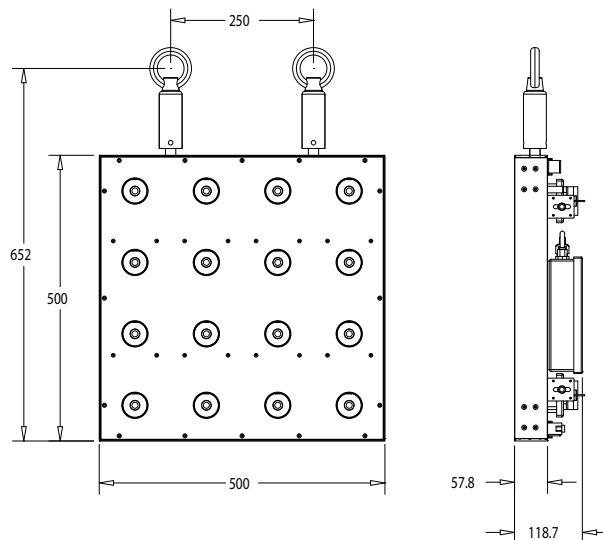
Field angle 21°

| 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) |
| | 1 | Red LED - A group of four arrays1 : |
| | 2 | Green LED-A group of four arrays1 : |
| | 3 | Blue LED -A group of four arrays1 : |
| | 4 | White LED -A group of four arrays1 : |
| | 5 | Red LED - A group of four arrays2 : |
| | 6 | Green LED-A group of four arrays2 : |
| | 7 | Blue LED -A group of four arrays2: |
| | 8 | White LED -A group of four arrays2 : |
| | 9 | Red LED - A group of two arrays1 : |
| | 10 | Green LED-A group of two arrays1 : |
| | 11 | Blue LED -A group of two arrays1 : |
| | 12 | White LED -A group of two arrays1 : |
| | 13 | Red LED -A group of two arrays2 : |
| | 14 | Green LED-A group of two arrays2 : |
| | 15 | Blue LED -A group of two arrays2 : |
| | 16 | White LED -A group of two arrays2 : |
| | 17 | Red LED -A group of two arrays3 : |
| | 18 | Green LED-A group of two arrays3 : |
| | 19 | Blue LED -A group of two arrays3 : |
| | 20 | White LED -A group of two arrays3: |
| | 21 | Red LED -A group of two arrays4 : |
| | 22 | Green LED-A group of two arrays4 : |
| | 23 | Blue LED -A group of two arrays 4 : |
| | 24 | White LED -A group of two arrays 4 : |



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) |

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DMX TRAITS

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

| Mode/Channel | Value | Function |
|--------------|---------|--|
| 4 | 29 | Red LED -array 8 : |
| 5 | 0-255 | Red (0-Black , 255-100% Red) |
| 8 | 30 | Green LED-array 8 : |
| 10 | 0-255 | Green (0-Black , 255-100% Green) |
| 8 | 31 | Blue LED -array 8 : |
| 16 | 0-255 | Blue (0-Black , 255-100% Blue) |
| 32 | 32 | White LED -array 8: |
| | 0-255 | White (0-Black , 255-100% White) |
| | | Shutter, strobe: |
| | 0-31 | Led trun off |
| | 32-63 | Led turn on |
| | 64-95 | Strobe effect slow to fast |
| | 96-127 | Led turn on |
| | 128-159 | Pulse-effect in sequences |
| | 160-191 | Led turn on |
| | 192-223 | Random strobe effect slow to fast |
| | 224-255 | Led turn on |
| 5 | 5 | 5 |
| | 0-255 | Dimmer intensity: Intensity 0 to 100% |
| | | Chasing effect: |
| | 0-10 | Led trun off |
| | 11-40 | Chasing effect: 1 |
| | 41-70 | Chasing effect: 2 |
| | 71-100 | Chasing effect: 3 |
| | 101-130 | Chasing effect: 4 |
| | 131-160 | Chasing effect: 5 |
| | 161-190 | Chasing effect: 6 |
| | 191-220 | Chasing effect: 7 |
| | 220-255 | Chasing effect: 8 |
| | | Speed chase : |
| | 0-255 | Value 0 to 255 |
| | | Color Temperature : |
| | 0-31 | Led trun off |
| | 32-63 | White2700k |
| | 64-95 | White3200k |
| | 96-127 | White4300k |
| | 128-159 | White5600k |
| | 160-191 | White6500k |
| | 192-223 | White8000k |
| | 224-255 | Store white balance enabled |
| | | Color Mode: |
| | 0-63 | white balance disabled |
| | 64-189 | white balance enabled |
| | 190-219 | white balance disabled |
| | 220-230 | white balance enabled |
| | 231-254 | white balance disabled |
| | 255 | Store a new white balance |
| 5 | 6 | 6 |
| | 7 | 7 |
| | 8 | 8 |
| 7 | 9 | 9 |
| | 10 | 10 |