With twice the lumen output and 10 times the intensity of the Stagebar 54, the Stagebar 2 is an extremely capable LED pixel bar and wash luminaire. This exceptional performance is obtained by combining the latest LED technology with an advanced lens design. The Stagebar 2 offers a wide range of shades from an RGBAW color mixing system and is useful for displaying imagery and video or for floodlighting surfaces and stages.

- RGBAW color mixing system for outstanding color palette
- Factory color calibration
- Over 3,000 lm per ft (almost 10,000 lm per meter)
- Super high intensity and tighter beam due to advanced lens design
- Opal diffuser lens for scenic on-camera looks
- Quiet operation
- Daisy chained power and data
- Battery-powered control menu for off-site setup without power

### Physical

- **Length:** 420 mm (16.5 in.), Stagebar 2 S
- **Length:** 630 mm (24.8 in.), Stagebar 2 L
- **Width:** 190 mm (7.5 in.)
- **Height:** 105 mm (4.1 in.)
- **Weight:** 5.5 kg (12.1 lbs.) without bracket, Stagebar 2 S
- **Weight:** 7.3 kg (16.1 lbs.) without bracket, Stagebar 2 L

### Dynamic Effects

- **Color mixing:** RGBAW
- **Red:** 0 - 100%
- **Green:** 0 - 100%
- **Blue:** 0 - 100%
- **Amber:** 0 - 100%
- **White:** 0 - 100%

### Control and Programming

- **Color control modes:** RGBAW, RGB, HSI, HSIC
- **DMX channels:** 3 - 30
- **Grouped pixel control options:** 6 x 1 (individual), 3 x 2, 2 x 3 or 1 x 6 (all as one group) pixels
- **DMX address setting:** Manual, auto addressing and auto address copy
- **Fixture setup:** Onboard control panel with display
- **Display:** Battery-powered backlit LCD, 2 x 16 characters
- **16-bit control (internal):** RGBAW, RGB, HSI, HSIC
- **Protocol:** USITT DMX512-A
- **Receiver:** RS-485
- **Firmware update:** Serial upload via DMX link

### Photometric Data

- **Light source:** Cree XP-E high power emitters
- **Total LED power per bar:** 150 W
Even pitch across adjacent fixtures: Horizontal/vertical (Stagebar 2 L), horizontal (Stagebar 2 S)
Total output (max.): 3650 lm

Construction
- Color: Black
- Housing: Steel and aluminum
- Finish: Electrostatic powder-coated
- Protection rating: IP20

Installation
- Mounting points: Adjustable mounting bracket, 1/4-turn locks, four M6 threaded holes
- Orientation: Any

Connections
- Power in/out: Neutrik PowerCon
- Data in/out: 5-pin locking XLR

Electrical
- AC power: 100-240 V nominal, 50/60 Hz
- Power supply unit: Integrated, auto-sensing multi-voltage
- Power output fuse: 15 AT (slow blow)
- Main fuse: 4 AT (slow blow)

Typical Power and Current
- 100 V, 50 Hz: 238 W, 2.5 A, PF 0.998
- 100 V, 60 Hz: 240 W, 2.5 A, PF 0.998
- 110 V, 60 Hz: 237 W, 2.3 A, PF 0.997
- 120 V, 60 Hz: 233 W, 2.1 A, PF 0.996
- 208 V, 60 Hz: 228 W, 1.2 A, PF 0.986
- 220 V, 50 Hz: 227 W, 1.1 A, PF 0.986
- 220 V, 60 Hz: 244 W, 1.3 A, PF 0.984
- 230 V, 50 Hz: 225 W, 1.1 A, PF 0.986
- 240 V, 50 Hz: 224 W, 1.0 A, PF 0.984

Figures apply to both S and L models with all LEDs at max. intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.

Thermal
- Cooling: Filtered forced air (temperature-regulated, low noise)
- Maximum ambient temperature (Ta max.): 40° C (104° F)
- Minimum ambient temperature (Ta min.): 5° C (41° F)
- Maximum surface temperature, steady state, Ta=40° C (104° F): 90° C (194° F)
- Total heat dissipation (calculated, +/- 10%): 860 BTU/hr.

Licensing
- Available under license from Color Kinetics Incorporated

Approvals
- EU safety: EN 60598-2-17 (EN 60598-1), EN 62471
- EU EMC: EN 55 015, EN 55 103-1, EN 55 103-2
- US safety: ANSI/UL 1573
- Canadian safety: CAN/CSA E598-2-17 (CAN/CSA E60598-1)

Included Items
- Opal front cover
- Narrow diffuser filter
- Neutrik PowerCon NAC3FCA male input connector: P/N 05342804
- Omega clamp attachment bracket with quarter-turn fasteners: P/N 91602001
- User manual: P/N 35000250

Accessories
- Set of 4 Narrow diffuser filters, Stagebar 2 S: P/N 91614035
- Set of 4 Medium diffuser filters, Stagebar 2 S: P/N 91614036
- Set of 4 Narrow diffuser filters, Stagebar 2 L: P/N 91614037
- Set of 4 Medium diffuser filters, Stagebar 2 L: P/N 91614038
- Neutrik PowerCon NAC3FCA power input connector, cable mount, blue: P/N 05342804
- Neutrik PowerCon NAC3FCB power output connector, cable mount, light grey: P/N 05342805
- Adjustable floorstand/mounting bracket: P/N 71606007
Related Items  Martin USB Duo™ DMX Interface Box: P/N 90703010

Spare Parts  Opal front cover, Stagebar 2 S: P/N 41704080
Opal front cover, Stagebar 2 L: P/N 41704060
Lens array with magnetic mounting: P/N 41350049
4 AT main fuse: P/N 05020016

Ordering Information  Stagebar 2™ S, RGBAW: P/N 90352070
Stagebar 2™ L, RGBAW: P/N 90352090

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