



Stagebar 2

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.

FEATURES

- 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
- Battery-powered control menu for off-site setup without power
- Daisy chained power and data

TECHNICAL SPECIFICATIONS

Physical

Length: 420 mm, Stagebar 2 S
Length: 630 mm, Stagebar 2 L
Width: 190 mm
Height: 105 mm
Weight: 5.5 kg without bracket, Stagebar 2 S
Weight: 7.3 kg 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
LED refresh rate: 400 Hz

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

Minimum ambient temperature (Ta min.): 5° C

Maximum surface temperature, steady state, Ta=40° C: 90° C

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:

Omega clamp attachment bracket with quarter-turn fasteners: 91602001

User manual: 35000250

Accessories

Power cable, 12 AWG, SJT, with Neutrik PowerCon NAC3FCA input connector, 3 m: 11541503

Neutrik PowerCon NAC3FCA power input connector, cable mount, blue: 05342804

Neutrik PowerCon NAC3FCB power output connector, cable mount, light grey: 05342805

Set of 4 Narrow diffuser filters, Stagebar 2 S: 91614035

Set of 4 Medium diffuser filters, Stagebar 2 S: 91614036

Set of 4 Narrow diffuser filters, Stagebar 2 L: 91614037

Set of 4 Medium diffuser filters, Stagebar 2 L: 91614038

Adjustable floorstand/mounting bracket: 71606007

Related Items

Martin USB Duo™ DMX Interface Box: 90703010

Martin DMX 5.3 Splitter™: 90758140

Martin RDM 5.5 Splitter™: 90758150

Spare Parts

Opal front cover, Stagebar 2 S: 41704080

Opal front cover, Stagebar 2 L: 41704060

Lens array with magnetic mounting: 41350049

4 AT main fuse: 05020016

Ordering Information

Stagebar 2™ S, RGBAW: 90352070

Stagebar 2™ L, RGBAW: 90352090

