RASHA Professional

PRODUCT DATA SHEET · 2026

K2 FX

WASH LIGHT.
PIXEL FX.

A 19-LED RGBL wash light with a LumaPix™ pixel layer built around it. A 5.5° to 55° zoom, infinite pan and tilt, and two control sources, in one head.



19 × RGBL
PRIMARY LEDS
Red, green, blue and lime in every LED

95
LUMAPIX EFFECTS
Built in, on their own channels

10:1
MOTORIZED ZOOM
5.5° beam to 55° wash

∞
PAN AND TILT
Continuous rotation on both axes

Put a unit in front of your programmer.

BOOK A DEMO

FIND A RESELLER

SCAN FOR THE PRODUCT PAGE
rashaprofessional.com

Moving head wash · RGBL · LumaPix pixel FX · SKU RP-K2FX-BLK

IP20 · ETL · CE · FCC · RoHS · rashaprofessional.com

© 2026 Rasha Professional. All rights reserved. The Rasha Professional logo is a registered trademark of Rasha Professional. K2 FX™ and LumaPix™ are trademarks of Rasha Professional. Reproduction without written permission is prohibited.

A WASH LIGHT FIRST

A true wash light at its core, with LumaPix built around it.

19 RGBL primary LEDs give you a full-color wash that zooms from 5.5° to 55°. Around them, LumaPix adds a second layer of light on its own channels. Run a macro on the main light and a different LumaPix effect around it, or lock both into one look.



LUMAPIX AROUND THE MAIN LIGHT · REAL FOOTAGE

RGBL PRIMARY LEDS 19 ×

Each LED mixes red, green, blue and lime, with lime filling the greens and yellows the eye notices most. Nine preset colors and 22 CCT presets from 2,000K to 10,000K sit on single channels. In the 125-channel mode every LED is its own pixel, so content runs across the face.

LUMAPIX™

A pixel layer behind a diffused cover, so effects read as smooth light, not dots. Run it on its own DMX channels, have it follow the main light's color, pattern or output, or pixel-map it from a media server over Art-Net or sACN. A background color with its own dimmer sits under every effect.

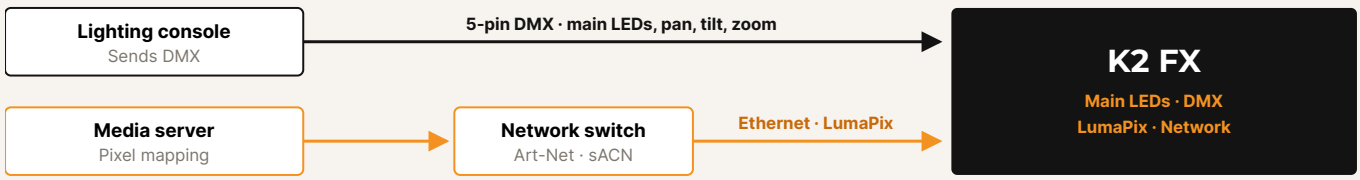
BUILT-IN EFFECTS 31 + 95

31 macros that spin, chase, build, wipe and flip across the 19 LEDs, and 95 LumaPix effects of spins, comets, rings, wipes and rainbows. Run one on each layer at the same time, set speed and direction on both, and color the macros with their own RGBL controls.

DUAL CONTROL

Console on DMX. Media server on the network.

Two sources, one fixture, at the same time. The console runs the main LEDs, pan, tilt and zoom over DMX, always. A media server pixel-maps LumaPix over the network, and one console value hands LumaPix back and forth during the show.



01 CONNECT
The console to DMX In, and the media server through a network switch to Ethernet In.

02 SET OPERATION MODE
To Main: DMX, LumaPix: Network, and the LumaPix Address to 001.

03 SET LUMAPIX SOURCE
To Network Control. Pixel mapping uses three universes in a row, over Art-Net or sACN.

RASHA Professional
1800 Rustin Ave., Riverside, CA 92507 · +1 (951) 654-3585 · info@rashaprofessional.com · **rashaprofessional.com**

© 2026 Rasha Professional. All rights reserved. The Rasha Professional logo is a registered trademark of Rasha Professional. K2 FX™ and LumaPix™ are trademarks of Rasha Professional. Reproduction without written permission is prohibited.

LUMAPIX™

A second layer of light, run like a fixture of its own.

95 built-in effects: spins, chases, comets, builds, wipes and rainbows. Each one runs forward or backward at the speed you set, with its own strobe and a background color under it.



RAINBOW SPIN



SPIN WEDGES RGB



SPIN X CCW



RAINBOW SPOKE IN



SPIN WEDGE 120



RAINBOW WEDGES

01 BUILT-IN FX
Pick an effect and a speed. No programming needed.

02 FOLLOW THE MAIN LIGHT
LumaPix copies the main light's color, pattern or output.

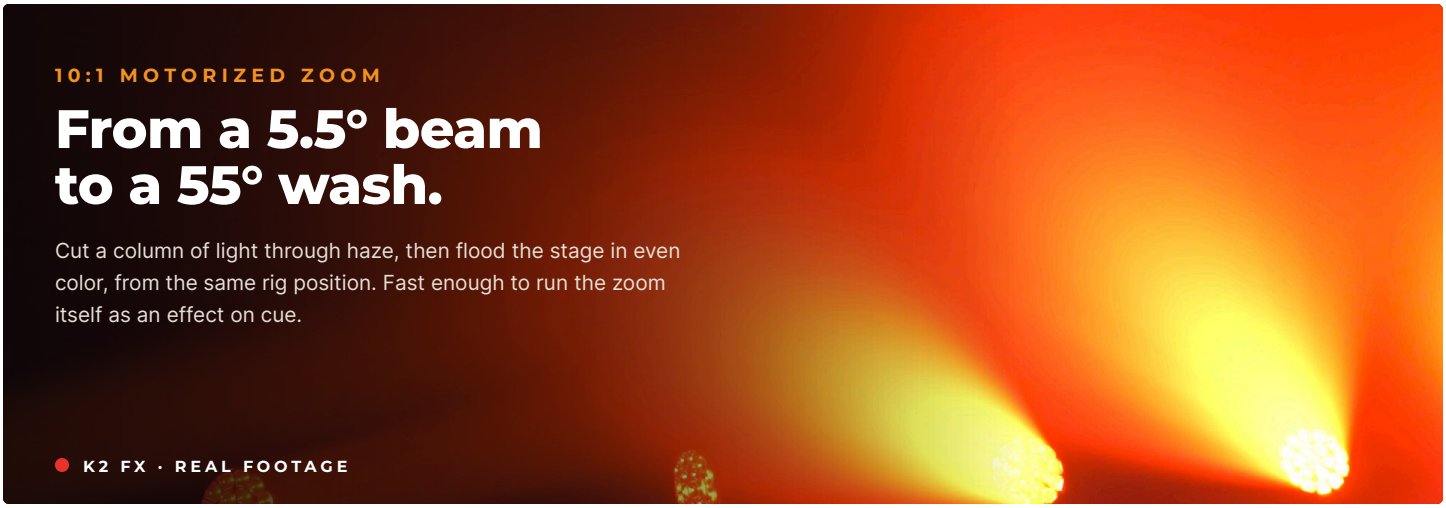
03 PIXEL MAP IT
A media server plays content across the face over Art-Net or sACN.

Effect steps from the K2 FX Pattern Chart, shown on the real LumaPix pixel layout. Illustration. Single-color effects take the color set on the console.

RASHA Professional

1800 Rustin Ave., Riverside, CA 92507 · +1 (951) 654-3585 · info@rashaprofessional.com · **rashaprofessional.com**

© 2026 Rasha Professional. All rights reserved. The Rasha Professional logo is a registered trademark of Rasha Professional. K2 FX™ and LumaPix™ are trademarks of Rasha Professional. Reproduction without written permission is prohibited.

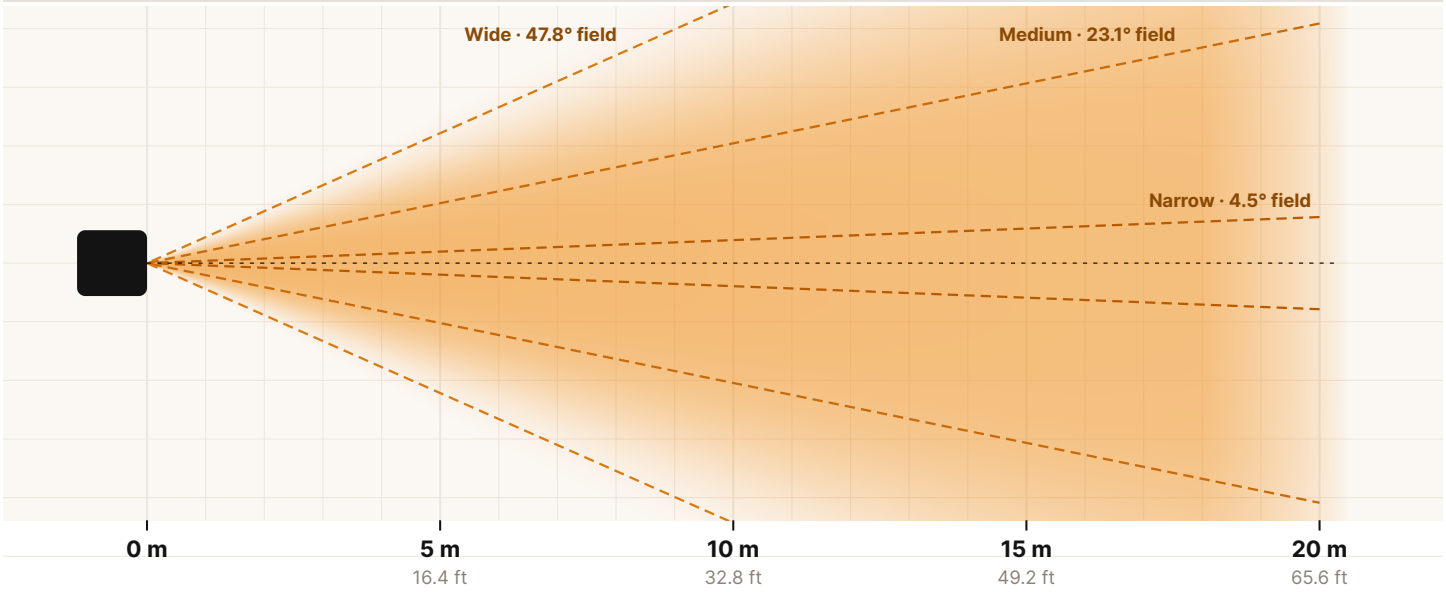


58,300 lx
At 5 m (16.4 ft), narrow zoom, all emitters at full

1.3 → 14.5 ft
Field circle at 16.4 ft, narrow to wide

3.1 s
Narrow to wide, on cue

1,457,500 cd
Peak intensity, narrow zoom



Wash output — Field angle (10% of peak) at narrow, medium and wide zoom

Angles drawn to true scale.

ENDLESS MOTION

Infinite pan and tilt

Regular travel is 540° pan and 239° tilt. Switch to the Pan Rotation and Tilt Rotation channels and the head never stops: it keeps turning one way, forward or backward. Spin the beam through the room and ride the energy of the song.

~1.6 s
Fastest full pan turn

3 min+
Slowest full pan turn

540° · 239°
Pan · tilt travel, 16-bit

COLOR

RGBL color. 22 CCT presets.

Nine preset colors and a rainbow on one channel, 22 CCT presets from 2,000K to 10,000K on another. Selectable PWM up to 20,000 Hz: flicker-free output keeps it camera-ready.

2,000K — 22 CCT presets · CRI competitive for its class — 10,000K

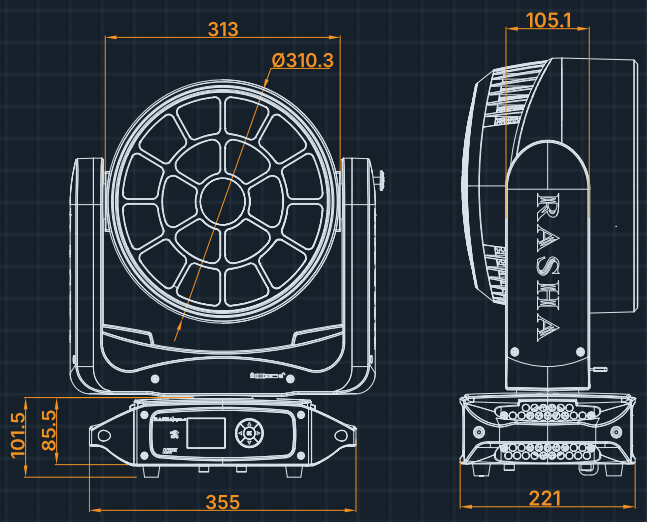
100%	98%	90%	20 kHz
Rec. 709	DCI-P3	Rec. 2020	Max PWM

Color gamut calculated.

RASHA Professional

1800 Rustin Ave., Riverside, CA 92507 · +1 (951) 654-3585 · info@rashaprofessional.com · **rashaprofessional.com**

© 2026 Rasha Professional. All rights reserved. The Rasha Professional logo is a registered trademark of Rasha Professional. K2 FX™ and LumaPix™ are trademarks of Rasha Professional. Reproduction without written permission is prohibited.



FRONT · SIDE · MM

DIMENSIONS

Length	**401 mm**	15.79 in
Width	**247 mm**	9.72 in
Height	**523 mm**	20.59 in
Base width	**355 mm**	13.98 in
Base depth	**221 mm**	8.70 in
Face diameter	**Ø310.3 mm**	12.22 in
Omega points	**107 × 107 mm**	4.21 in
Weight	**19.2 kg**	42.3 lb

RIGGING

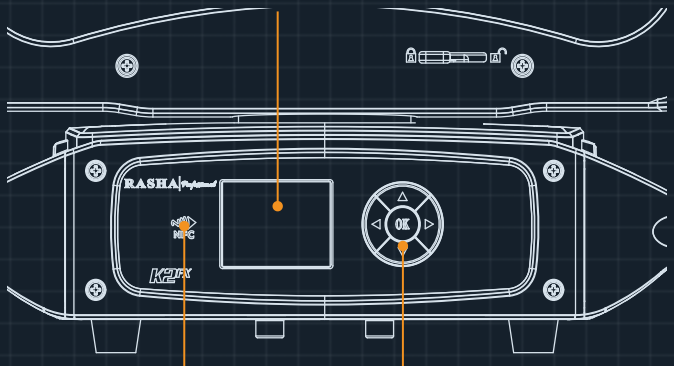
Two quarter-turn omega brackets in the box. Safety cable point at the bottom center. Hangs in any orientation. Pan and tilt locking levers.

POWER PER CIRCUIT

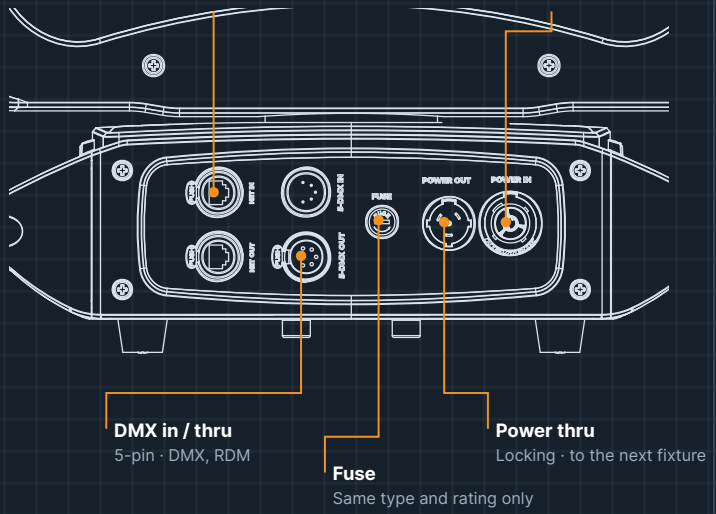
7.0 A operating, 8.4 A max at 120 V (4.0 / 4.9 A at 208 V). On one 20 A breaker at 80% load: 1 fixture at 120 V, 3 at 208 V (calculated).

BASE PANELS AND CONNECTIONS

Setup on the front of the base. Every link on the back.



FRONT OF BASE



REAR OF BASE

01 TAP IT

Anywhere, even in the road case. Tap with the RashaConnect app over NFC to set address, mode and IP.

02 HANG IT

Two quarter-turn omega brackets, any orientation, 42.3 lb. A slim head lines up close to the next unit.

03 LINK IT

Locking power, 5-pin DMX and locking RJ45, each in and thru. Power, DMX and network chain fixture to fixture.

04 RUN IT

DMX, RDM, Art-Net or sACN in 36, 49 or 125 channels. Add TimoTwo wireless DMX by special order, or run Auto and Sound with no console.

COMPANY	DRAWING	UNITS	SCALE	REV.	SHEET
RASHA PROFESSIONAL	K2 FX · GENERAL DIMENSIONS	mm [in]	NTS	3	05 / 06

RASHA Professional

1800 Rustin Ave., Riverside, CA 92507 · +1 (951) 654-3585 · info@rashaprofessional.com · **rashaprofessional.com**

© 2026 Rasha Professional. All rights reserved. The Rasha Professional logo is a registered trademark of Rasha Professional. K2 FX™ and LumaPix™ are trademarks of Rasha Professional. Reproduction without written permission is prohibited.

PHOTOMETRICS

Production unit, all emitters at full. Center-beam values. Narrow angles measured at 10 m, medium and wide at 5 m.

Zoom	Beam · field	Peak	5 m · 16.4 ft	10 m · 32.8 ft	15 m · 49.2 ft	20 m · 65.6 ft
Narrow DMX 0	3.1° · 4.5°	1,457,500 cd	**58,300 lx** 5,416 fc · Ø0.9 ft	**14,575 lx** 1,354 fc · Ø1.8 ft	**6,478 lx** 602 fc · Ø2.7 ft	**3,644 lx** 339 fc · Ø3.6 ft
Medium DMX 128	16.3° · 23.1°	150,750 cd	**6,030 lx** 560 fc · Ø4.7 ft	**1,508 lx** 140 fc · Ø9.4 ft	**670 lx** 62 fc · Ø14.1 ft	**377 lx** 35 fc · Ø18.8 ft
Wide DMX 255	34.2° · 47.8°	55,750 cd	**2,230 lx** 207 fc · Ø10.1 ft	**558 lx** 52 fc · Ø20.2 ft	**248 lx** 23 fc · Ø30.3 ft	**139 lx** 13 fc · Ø40.4 ft

Ø = beam diameter (50% of peak). Full 1–20 m tables in the K2 FX photometric report.

OPTICS

Main light source	19 × RGBL LEDs (red, green, blue, lime)
LumaPix™	RGB pixel layer, own control channels
Zoom	Motorized, 10:1, 5.5° to 55°
Max output	58,300 lx at 5 m (16.4 ft), narrow
CCT presets	22, from 2,000K to 10,000K
Color gamut	100% Rec. 709, 98% DCI-P3, 90% Rec. 2020 (calculated)
Selectable PWM	1,200 / 2,400 / 16,000 / 20,000 Hz

EFFECTS

Dimming	16-bit, 4 dimmer curves
Pan · tilt	540° · 239°, 16-bit, plus continuous rotation
Strobe	Electronic, 0.5 to 22 Hz, pulse, random
Macros	31 main LED macros, 95 LumaPix FX, variable speed
Color	9 color macros, background color channel

CONTROL

Protocols	DMX, RDM, Art-Net, sACN
DMX modes	36, 49, 125 channels
Dual Control	Main on DMX, LumaPix on the network
Standalone	2 auto programs, sound active
Setup	NFC (RashaConnect app), 5-button menu, full color 180° reversible LCD
Wireless DMX	Special order (LumenRadio TimoTwo)

ELECTRICAL

Input	110 to 240 VAC, 50/60 Hz, auto-ranging
Max draw	8.4 A at 120 V · 4.9 A at 208 V (941 W)
Operating draw	7.0 A at 120 V · 4.0 A at 208 V (780 W)
Connectors	Locking power in/thru · 5-pin DMX in/thru · locking RJ45 in/thru
Breaker	20 A recommended

PHYSICAL AND THERMAL

Dimensions (L × W × H)	401 × 247 × 523 mm (15.79 × 9.72 × 20.59 in)
Weight	19.2 kg (42.3 lb)
Housing	Flame-retardant thermoplastic, satin black
Rigging	2 quarter-turn omega points, safety cable point, any orientation
Cooling	Temperature-controlled fans, Auto / High / Low
Noise	50 dB(A) at 1 m
Ambient temp.	−10 °C to 45 °C (14 °F to 113 °F)
Rating	IP20, indoor use only

ORDERING

K2 FX, black	RP-K2FX-BLK · UPC 766429778714
Road case	RP-K2FX-2-RC, holds 2, sold separately
Included	2 omega brackets, power cable, 5-pin DMX cable, user manual
Certifications	ETL, CE, FCC, RoHS
Warranty	2-year limited

BUILT FOR **Event productions · Large venue and hospitality · Live production · Touring · Worship**

SEE IT ON YOUR RIG

Put a unit in front of your programmer.

BOOK A DEMO

FIND A RESELLER

PRODUCT PAGE

Manual, DMX charts, CAD and photometrics

Safety cable not included. TimoTwo is a trademark of LumenRadio AB. Specifications subject to change without notice. Firmware V3.6+, serials K2FXB26D0001+.

RASHA Professional

1800 Rustin Ave., Riverside, CA 92507 · +1 (951) 654-3585 · info@rashaprofessional.com · **rashaprofessional.com**

© 2026 Rasha Professional. All rights reserved. The Rasha Professional logo is a registered trademark of Rasha Professional. K2 FX™ and LumaPix™ are trademarks of Rasha Professional. Reproduction without written permission is prohibited.