

Epos 600

Full Color Spectrum RGBACL LED Studio Light

The Studio Workhorse

Light your story in full color with the brightest fixture in its class, powered by state-of-the-art RGBACL LED technology (Red, Green, Blue, Amber, Cyan, Lime).



CCT RANGE

1,700-20,000K

POWER

600W / 720W max

COLOR FIDELITY

CRI 98 / TLCI 99

WEATHER RATING

IP65

LAMP HEAD

5.5 kg

MADE IN

Norway

WARRANTY

3 Years

Cantastoria RGBACL Six-Color Light Engine | 5-inch Touch Display | Bowens S-Type + Kelvin MagTech | DMX / CRMX / Art-Net / sACN / Bluetooth

KEY FEATURES



Everything you need to light your story today.

Official Kelvin product highlights, arranged without rewriting the product claims.

- Full Color Spectrum LED COB studio light
- Cantastoria™ RGBACL Six-Color Light Engine (patent pending)
- Free firmware updates, unlock new effects and features continuously
- Sunrise to moonlight, 1,700K to 20,000K CCT
- IP65 weather proof in 6 mm aluminium housing
- Detachable yoke with quick release
- 3 years warranty, lifetime customer support
- High Frame Rate mode
- High Performance Lens for maximum brightness
- Flicker free dimming for maximal brightness (HMI PAR 1200) with great dynamic at low and high end
- High-end color fidelity TM30 Rf95+ / Rg100+ | CRI 97+ | TLCI 99 | CQS 97 | SSI 84 (3200 K) / 74 (5600 K)
- Color spaces (Rec. 709, 2020, DCI-P)
- Instant setup with 5" Touch Display and intuitive user interface
- Reinforced Bowens S mount for larger and heavier optical accessories
- Unlimited light shaping opportunities with Magnetic Optical Mount Kelvin MagTech™
- DMX 5-Pin XLR and wireless via CRMX (TiMo2 by Lumen Radio)
- Art-Net, sACN, and BLE & Kelvin Narrator App
- Enables great fill of softboxes up to Octa 5
- Lightweight, easy to carry, simple to store
- 5.5 kg / 12.1 lbs (lamp head) + 2.2 kg / 4.9 lbs (yoke)

RGBACL TECHNOLOGY

The Epos 600 doesn't use any white LEDs. Instead, it mixes Red, Green, Blue, Amber, Cyan and Lime LEDs to produce white light and fully saturated colors.



LIGHT ENGINE

RGBACL

MODES

CCT / HSI / RGB / XY

DIMMING

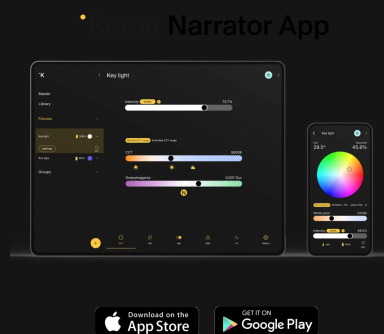
0.1-100%

DISPLAY

5" TFT touch

Remote operation

DMX 512, Wireless DMX/CRMX (TiMo2) by Lumen Radio, Art-Net, sACN and Bluetooth via Kelvin Narrator App. Wireless operating range: ≤100 m.



TECHNICAL SPECIFICATIONS

Light Fixture

Light Engine	Cantastoria - Six-Color light engine RGBACL (Red, Green, Blue, Amber, Cyan, Lime)
IP Rating	65
IEC 62471	RG0 Exempt
Color Temperature	1,700 K to 20,000 K +/- 1/8 G/M
Modes	CCT, HSI, RGB, XY, Gels, Effects, Camera
Firmware Upgrades	Kelvin Narrator App, Kelvin Service Kit
Dimming	0.1 to 100% (continuous)
Dimming Curves	Exponential, Logarithmic, S-Curve, Linear
Flicker Free Dimming	Yes
High Frame Rate Mode	Yes
Constant Mode	Yes
Accessory Calibration Software	Yes
Preprogrammed Effects	Yes
Display	5" TFT LCD Touch Screen
Housing Material	Aluminum
Number of LEDs	200
Expected Lamp Life	50 000 hours
Beam Angle native, without optical modifier	93°
Beam Angle Kelvin Bowens Mount Reflector	62°
Beam Angle Kelvin Bowens Mount Reflector	55°

Color Accuracy Standard

Normal Mode	CRI 98 TM 30 Rf95+, Rg101+ TLCI 99 CQS 97 SSI 84 @3200K SSI 74 @5600K
High Speed Mode	CRI 98 TM 30 Rf93+, Rg101+ TLCI 99 CQS 97 SSI 84 @3200K SSI 74 @5600K

Controller

Battery Input	1 x XLR 48 VDC
DMX Connection	5-Pin XLR
Power Input Connection	powerCON True 1
USB	USB-C
IP Rating	65
Daisy Chaining	Yes

Controller / Mounting / Power

Yoke Mount	Kelvin Epos 600 Yoke (360° tilt)
Accessory Mount	Bowens S-Type with Kelvin MagTech™ (proprietary)
Magnetic Optical Mount	Kelvin MagTech™ (mount for diffusers, intensifiers, and accessories)
Fixture Mount	1-1/8" stud (junior pin) and 5/8" receiver (baby pin)
Detachable Yoke w/ Quick Release	Yes
Control	DMX 512, Wireless DMX/CRMX (TiMo2) by Lumen Radio Art-Net, sACN, Bluetooth Kelvin Narrator App
Bluetooth	Wireless Operating Range: ≤100 m
Lumen Radio	Wireless Operating Range: ≤100 m
AC Input Power	100 ~ 230 V AC +/-10%, 50/60 Hz
AC PowerCON Output	Yes
DC Input Power	48 V DC
Power Source	AC mains, External Battery Power Stations and Block Batteries
Max Power Consumption	600 W (nominal) 720 W (maximum)
Battery Input	3-Pin XLR 48 V DC
Battery Voltage Range	46 to 50 VDC
Power Pass-Thru	Yes
Operating Temperature	-4 to 113°F -20 to 45°C

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WEIGHT, DIMENSIONS & BOX CONTENTS



Weight

Lamp Head + Yoke	7.7 kg / 17 lbs
Control & Power Supply Unit	5.2 kg / 11.5 lbs
Super Clamp	0.44 kg / 0.98 lbs
Rolling Case (Filled)	20.4 kg / 44.97 lbs
Rolling Case (Empty)	7 kg / 15.43 lbs

Dimensions (L x W x D)

Lamp Head w/o Yoke	34.8 x 19.8 x 15.5 cm / 13.7 x 7.8 x 6.1 in
Lamp Head w/ Yoke	34.8 x 29.0 x 43.0 cm / 13.7 x 11.4 x 16.9 in
Control Box	17.1 x 15.7 x 36.8 cm / 6.7 x 6.2 x 14.5 in
Super Clamp	9.0 x 5.4 x 13.6 cm / 3.54 x 2.13 x 5.35 in
Reflector	12.7 x 12.7 x 17.8 cm / 5 x 5 x 7.01 in
Rolling Case	62 x 38 x 46 cm / 24.4 x 14.96 x 18.11 in

Cable / Packed / Certifications

Head to Ballast Cable	8 m / 26.2 ft with Neutrik 10-Pin XLR
AC Power Cable	8 m / 26.2 ft with Neutrik powerCON TRUE1
Packed Weight	23.9 kg / 52.7 lbs
Packed Dimensions	68.5 x 50 x 46 cm / 27.0 x 19.7 x 18.1 in
Certifications	CE, RoHS, UKCA, KC, FCC, IC
PSE	Pending

What comes in the box?

- Kelvin Epos 600 lamp head
- Kelvin Epos 600 controller & PSU
- 1 x Kelvin High Performance Lens for Epos Series
- 1 x Kelvin Epos Reflector (62")
- Kelvin Epos 600 10-pin XLR head cable (8 m / 26.2 ft)
- Neutrik powerCON True1 AC power cable (8 m / 26.2 ft)
- Kelvin Epos 600 rolling case
- Protective cap for Epos 600 controller
- Quick release lighting super clamp

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PHOTOMETRICS AND COLOR QUALITY

CCT: 3200K and 5600K @ 3m / 9.8 ft

Official Kelvin LUX values by light modifier. Values are kept in the same structure as the product page, with columns arranged for readability.

3200K @ 3m / 9.8 ft - LUX

Light Modifier	Max High	Max Normal	Constant High	Constant Normal
No Accessories	2550	2220	2270	2230
High Performance Lens (HPL)	2220	1920	1950	1920
HPL + 62° Reflector	9100	7920	8080	7940
Dome Diffuser	1150	1000	1020	1000
Medium Diffuser D90	1900	1660	1680	1660

5600K @ 3m / 9.8 ft - LUX

Light Modifier	Max High	Max Normal	Constant High	Constant Normal
No Accessories	2820	2550	2200	2240
High Performance Lens (HPL)	2530	2240	1960	1970
HPL + 62° Reflector	10500	9350	8200	8200
Dome Diffuser	1310	1160	1020	1020
Medium Diffuser D90	2150	1920	1680	1680

Control & light-shaping ecosystem

CCT, HSI, RGB, XY, Gels, Effects and Camera modes.
Bowens S-Type with Kelvin MagTech™. Compatible with
softboxes up to Octa 5 and Kelvin proprietary optical
accessories.

DMX 512

CRMX

Art-Net

sACN

BLE App

Bowens S

MagTech™

