K5600 Announces a New Family of Lighting

Over the last decade K5600 has held off on introducing its own LEDs because output and quality didn’t meet our standards. Today, we’ve found a way to manufacture LEDs without compromising on the K56 promise. Introducing our new versatile ecosystem of LED fixtures that incorporate all of K5600’s core values: ruggedness, versatility, upgradeability, output and light-shaping quality:

**Joker 300**—Our familiar configuration
- All four light-shaping options: Parabolic Beamer, Lenses, Soft Box and Ellipsoid Spot
- Removable Beamer reflector is compatible with our Joker 400 lenses and barndoors
- Fun fact: lumen output in some configurations is comparable to the Joker 400

**Alpha 300**—Based on the Alpha 800 HMI
- Delivers crisp Fresnel highlight/shadow quality comparable to tradition tungsten or HMI lights
- Smoothly adjustable beam angle from 5-55°.
- 6.9" diameter lens
- PlanoConvex optic directs light forward, leading to a brighter and more even light.

Both the Joker 300 and Alpha 300 are built around our exclusive 14mm LES (Light Emitting Surface) allowing for perfect light-to-lens ratios. Each includes:
- K5600’s unique Bi-Color matrix LED chip
- Highest lumen/watt output and 95+ Color Rendering
- 300W max output (from 2700 - 6500° K)
- Wired and wireless DMX compatibility, using Lumen Radio’s protocol
- 9’ Head Cable (Head extensions are standard K5600 items that you probably already have)
K5600’s Wafer-Thin Panels
To stand out from the seemingly endless crowd of flat LEDs, K5600 is introducing a wafer thin design that also boasts the lightest weight, without compromising on options and quality:

Four sizes, all less than 1.35” thick:

- 4’ x 1’ (300W)
- 4’ x 6” (150W)
- 2’ x 1’ (150W)
- 2’ x 6” (75W)

K5600’s LED Ballasts
LED power and adjustability are controlled by multiple components. Following K5600’s design philosophy, all our fixtures are devoid of controls, making each more compact and a lot more rugged. We’ve put everything into two Ballasts and a Splitter:

300W Single Ballast—all components and controls are contained in this compact case.
- LCD screen displays output functions: 2700 - 6500° K color temperature control, 1 - 100% dimming, DMX selection/termination and auto sensing (the ballast knows the wattage required for connected fixtures and automatically delivers the appropriate energy)
- Direct 48V DC input capable and PWM square wave modulated
- Micro Port for firmware upgrades and diagnosis is included
- Add a Splitter Box and you can power two of our 75 or 150W panels.

1200W Multi-Output Ballast—two output connectors.
- Each output is capable of 600W of power
- Plug in any two of our LEDs and the ballast will sense the power needed
- Adding two of our Splitter Boxes allows up to any four lights on a single 1200 Ballast
- Our LCD screen display toggles between any connected fixtures for individual control (above)

Note – All electronics in heads and ballasts are six-channel capable. This will allow for full color upgrades in the future. That said, output will be affected with a full color solution.