

# K 5600<sup>®</sup>

L I G H T I N G

## 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.



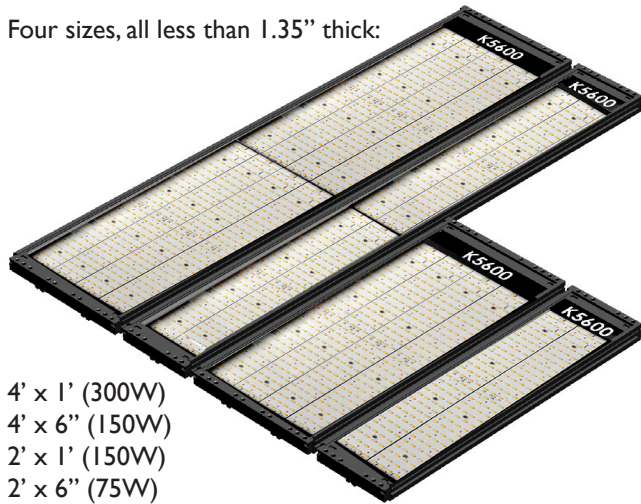
Both the Joker 300 and Alpha 300 are built around our exclusive 14mm LES (Light Emitting Surface) allowing for perfect light-to-lens ratios. Each includes:

- 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 SLICE

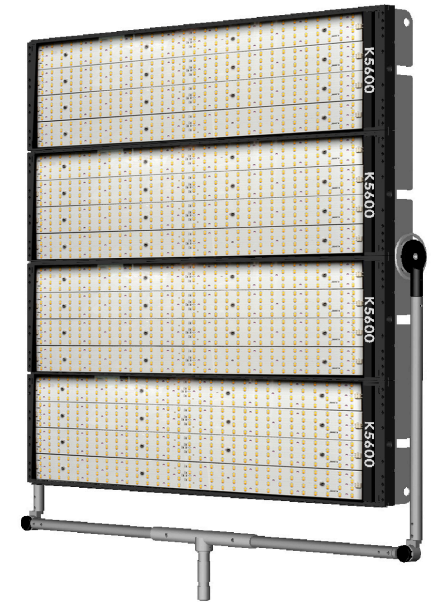
To stand out from the seemingly endless crowd of flat LEDs, K5600 introduces the Slice, a wafer thin design that also boasts the lightest weight, without compromising on options and quality:

Four sizes, all less than 1.35" thick:



4' x 1' (300W)  
4' x 6" (150W)  
2' x 1' (150W)  
2' x 6" (75W)

- True color from 2700-6500° K, achieved through custom LED PCB's for added heat dissipation, meaning more wattage output.
- The housing's male/female extrusion design allows multiple units to easily be connected, even as a 4 sided column of light. We've added corner holes for tacking to drywall, corner magnets for attaching custom diffusers & grids and 3/8" positive locking pins for mounting in any direction.
- There are two ways to stand mount:  
Our snap-on Ball Grip for baby stand & grip head  
Our unique foldable yoke for our **1200 WATT** 4x4 configuration (right). Additionally, we offer rails that allow for mounting without yoke. All these configurations are there to shrink the light's profile.
- Wired and wireless DMX compatible, using Lumen Radio's protocol.
- All panels include a 3' Head Cable (Head extensions are standard K5600 items that you probably already have)



## 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)

**Splitter**—Sports three connectors: one input and two output. The Splitter communicates with the ballast how many lamps are connected and gives independent control of each, regardless of which fixtures are connected



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.