



# LS 600d Data Sheet

## Main Features

- **29,300+ lux @ 3m** with the F10 Fresnel
- **8,500+ lux @ 3m** with the Hyper-Reflector
- Comparable to a 1200W HMI or Joker 800
- **0-100% Brightness Control** in 1% Step Increments
- CRI  $\geq 96$ , TLCI  $\geq 96$ , SSI (D56): **72**
- Multiple Control Methods: 2.4GHz Remote, Sidus Link Bluetooth App Control, 5-Pin DMX512 In & Out
- Can Achieve **Half Output with 2x V-Mount** / Gold Mount Batteries (14.4V/15A, 26V/8.5A, 28.8V/7.5A)
- **Supports 48V DC Input Power @ 15A**, Including Battery Power Stations & Block Batteries (3-Pin XLR)
- **LS 600 Series Hyper Reflector** for Increased Output
- Accepts **Bowens Mount Light Modifiers**
- Curved, Handbrake-Locking Yoke with **360° Rotation**
- **Dual Junior/Baby Pin** (16mm / 28mm | 5/8in / 1.125in)
- **6m Weatherproof Locking Neutrik Power Cable**
- Built-in **Lightning Clamp Quick Release** Plate
- **4 Dimming Curves:** Linear, Exponential, Log, S-Curve
- **8 Built-in Lighting FX:** Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Pulsing, Strobe, & Explosion

## What's in the Box

LS 600d Rolling Case	
Name	Qty
LS 600d Lamp Head	1
LS 600d Control Box	1
LS 600 Series 5-Pin Weatherproof Head Cable (3m)	1
Neutrik powerCON TRUE1 TOP AC Power Cable (6m)	1
Lightning Clamp	1
LS 600d Rolling Case	1

## LS 600d Photometrics

Dist.	Bare Bulb	LS 600 Series Hyper Reflector	F10 Fresnel (Flood 45°)	F10 Fresnel (Spot 15°)
1M	22,150 lux / 2,058 fc	98,500 lux / 9,150 fc	89,200 lux / 8,289 fc	224,200 lux / 20,836 fc
3M	2,600 lux / 242 fc	8,500 lux / 790 fc	11,440 lux / 1,063 fc	29,300 lux / 2,723 fc
5M	1,020 lux / 95 fc	3,000 lux / 280 fc	4,260 lux / 395 fc	10,580 lux / 983 fc

## Product Description

The Light Storm 600d is a perfect light for any demanding lighting situation you may encounter as a cinematographer or photographer. Utilizing the same light source as its professional predecessor, its immensely powerful 600W COB LED positions the LS 600d as one of the brightest point source LEDs on the market. It outputs an incredible 8,500+ lux with the Hyper-Reflector or up to 29,300+ lux at 3 meters with the F10 Fresnel.

And with a Max Power Draw of only 720W, this light is able to approach the brightness of 1200W HMIs at only a fraction of their total energy consumption.

As a member of the Light Storm family, it also features an integrated Bowens Mount for easily attaching accessories and modifiers, ranging from the F10 Fresnel for intense brightness to the Light Dome 150 for spectacular softness.

Maintaining multiple control methods and the same multi-voltage battery plates with a lighter weight and more streamlined control box makes the LS 600d a light fixture that truly standardizes access to high intensity lighting to overpower the sun.

## Target Audience

The Light Storm 600d is ideal for any creator who needs a power & modifiable light fixture, including cinematographers, videographers, and photographers alike. The LS 600d features the same power as the LS 600d Pro while streamlining the control box and feature set for users who don't require professional-level LumenRadio CRMX, Art-net compatibility, extreme weather-resistance, and battery charging functionality.

For photographers and video creators who require convenient access to intense output with the support of the Aputure and Sidus Link ecosystems, the LS 600d is an excellent tool.

Integrating the LS 600d into onset workflows with Sidus Link and DMX512 control gives creators a powerful fixture that seamlessly integrates into their existing ecosystems with smooth dimming control and without color shift or the need to use scrims to decrease output.

The Light Storm product line centers around Bowens Mount compatibility, making it incredibly easy for users to quickly change the look of a scene by simply swapping modifiers. This makes the LS 600d perfect for both users who work in studios and on-location because they can start with a foundation of one light and quickly change between hard and soft qualities.

The LS 600d easily fits into any existing LED lighting package and does not require constant bulb changes and maintenance like HMI or Tungsten lamps, making it an easy plug-and-play solution for users who need simple and intuitive controls with solid output.

## LS 600d Specifications

<b>CCT</b>		5600K±200K
<b>CRI</b>		≥96
<b>TLCI</b>		≥96
<b>CQS</b>		≥94
<b>SSI (D56)</b>		≥72
<b>TM-30 RF (Average)</b>		92
<b>TM-30 RG (Average)</b>		102
<b>Beam Angle</b>	<b>(No Accessories)</b>	105°
	<b>LS 600 Series Hyper Reflector</b>	55°
	<b>F10 Fresnel</b>	15° ~ 45°
<b>Lumens</b>		62,187lm
<b>Max Power Output</b>		≤600W
<b>Max Power Consumption</b>		≤720W
<b>Max Operating Current</b>		8A Max
<b>Operating Voltage (Power Supply)</b>		100V~240V, 50Hz/60Hz
<b>Operating Voltage (Battery)</b>	<b>V-Mount / Gold Mount (Two Batteries)   Half Output</b>	12.5V-16.8V (14.4/15A) 22V-33.6V (26V/8.5A, 28.8V/7.5A)
	<b>3-Pin XLR (48V DC)   Full Output</b>	48V/15A
<b>DC Input</b>		1x 48V 3-Pin XLR DC Input (720W)
<b>Operating Temperature</b>		-20°C ~ 45°C / -4°F ~ 113°F
<b>Dimming</b>		0-100%; Linear, Exponential, Logarithmic, S-Curve
<b>Control Methods</b>		On-board, 2.4GHz, Sidus Link (Sidus Mesh™), 5-Pin XLR DMX512 In & Out
<b>Wireless Operating Range (Bluetooth)</b>		≤80m
<b>Wireless Operating Range (2.4GHz)</b>		≤100m
<b>Screen Type</b>		OLED
<b>Firmware Upgradeable</b>		USB (FAT16/FAT32), Sidus Link
<b>Cooling Method</b>		Active Cooling
<b>Cable Type</b>	<b>Head Cable</b>	LS 600 Series 5-Pin Weatherproof Head Cable (3m)
	<b>Max Head Cable Length</b>	7.5m
	<b>Power Cable</b>	Neutrik® powerCON TRUE1 TOP AC Cable (6m)

## LS 600d Specifications

<b>Construction Material</b>		Magnesium Alloy	
<b>Accessory Mount</b>		Bowens Mount	
<b>Tilt Angle</b>		360°	
<b>Mounting</b>		16mm / 28mm   5/8in (Baby Pin) / 1.125in (Junior Pin)	
<b>Carrying Case</b>		Telescoping Handle, Wheels	
<b>Estimated LED Lifetime (L70)</b>		50,000H	
<b>Est. Color Shift Over Lifetime (CCT)</b>		2% (6,000H)	
<b>Est. Max Flicker-Free FPS</b>		2,000 FPS	
<b>Certifications</b>		CE, FCC, ROHS, KC, NCC, PSE, BIS	
<b>Weight</b>	<b>Lamp Head w/ Yoke</b>		4.69kg / 10.34lbs
	<b>Control Box</b>	<b>V-Mount</b>	3.24kg / 7.14lbs
		<b>Gold Mount</b>	3.24kg / 7.14lbs
	<b>Lightning Clamp</b>		670g / 1.48lbs
<b>Total w/ Case</b>		16.71kg / 36.84lbs	
<b>Dimensions</b>	<b>Lamp Head w/o Yoke</b>		30.8 x 15.61 x 15.01cm / 12.13 x 6.15 x 5.91in
	<b>Lamp Head w/ Yoke</b>		30.8 x 25.03 x 45.6cm / 12.13 x 9.85 x 17.95 in
	<b>Control Box</b>	<b>V-Mount</b>	28.2 x 15.4 x 9cm / 11.1 x 6.1 x 3.54in
		<b>Gold Mount</b>	28.2 x 15.4 x 9cm / 11.1 x 6.1 x 3.54in
	<b>Lightning Clamp</b>		10.35 x 8.74 x 12.5cm / 4.07 x 3.44 x 4.92in
	<b>Rolling Case</b>		60.7 x 40 x 37.2cm / 23.9 x 15.75 x 14.65in

## Sales & Shipping Information

<b>Product Name</b>		LS 600d (V-Mount)	LS 600d (A-Mount)
<b>SKU</b>	<b>US Plug</b>	APA0212GW3	APA0212GW4
	<b>UK Plug</b>	APA0212GW0	N/A
	<b>EU Plug</b>	APA0212GW1	N/A
	<b>AU Plug</b>	APA0212GW2	N/A
	<b>JP Plug</b>	APA0212GW5	N/A
<b>UPC</b>	<b>US Plug</b>	6971842183630	6971842183647
	<b>UK Plug</b>	6971842183623	N/A
	<b>EU Plug</b>	6971842183616	N/A
	<b>AU Plug</b>	6971842183609	N/A
	<b>JP Plug</b>	6971842183654	N/A
<b>Gross Weight</b>		16.71 kg / 36.84lbs	
<b>Carton Quantity</b>		1 pc	
<b>Carton Dimensions</b>		62.5x43.5x39cm / 24.61x17.13x15.35in	
<b>Carton Weight</b>		16.71 kg / 36.84lbs	
<b>Net Weight</b>		10.02 kg / 22.09lbs	