



# 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 ≥96, TLCI ≥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 (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 powerful & 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

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

## LS 600d Specifications

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

## Sales & Shipping Information

Product Name	LS 600d (V-Mount)	
SKU	UK Plug	APA0212GWO
	EU Plug	APA0212GW1
UPC	UK Plug	6971842183623
	EU Plug	6971842183616
Gross Weight	16.71 kg / 36.84lbs	
Carton Quantity	1 pc	
Carton Dimensions	62.5x43.5x39cm / 24.61x17.13x15.35in	
Carton Weight	16.71 kg / 36.84lbs	
Net Weight	10.02 kg / 22.09lbs	