



LS 600c Pro Data Sheet

Main Features

- **4,150+ lux @ 3m** with LS 600 Series Hyper Reflector
- **17,480+ lux @ 3m** with BM1215 Hyper Reflector (Narrow)*
- **5,300+ lux @ 3m** with BM 1230 Hyper Reflector (Medium)*
- **2,694+ lux @ 3m** with BM1245 Hyper Reflector (Wide)*
- **600W Output Full Color Bowens Mount** RGBWW Point Source LED
- **720W Maximum Power Draw**
- CRI: 95, TLCI: 98, **SSI (D56): 74, SSI (Tungsten): 85**
- >90% of Colors Within **Rec.2020 Color Space**
- **Fully Tunable CCT** from 2,300K to 10,000K
- Fully-Tunable **Green-Magenta Adjustment**
- **0.1-100% Stepless** Brightness Control
- **Hue, Saturation & Intensity** with CCT Control
- **Industry-standard XY** (CIE 1931), RGB, Light Source Presets, 300+ Gel Presets
- **Multiple Control Methods:** Sidus Link Bluetooth App Control, LumenRadio CRMX, Art-net & sACN via etherCON, 16-bit 5-Pin DMX512 In & Out
- **10 User-Programmable Presets**
- **15 Built-in Lighting FX**
- **Weather-Resistant:** Dust & Water Resistant
- **2 Output Modes:** Max & Constant
- **Frequency Selection** to Reduce Flicker
- **Multi-Voltage Battery Plates (V-Mount):** Half Power (14.4V/15A, 26V/8.5A, 28.8V/7.5A)
- **V-Mount Battery Charging**
- **Supports 48V/15A DC Input (3-pin XLR):** Battery Power Stations & Block Batteries
- 360° Rotation, Curved Dual Disk-brake Yoke
- Utilizes **Universal Bowens Mount Standard**
- **Dual Junior / BabyPin (16mm/28mm)**
- **Curved, Disk-Brake Yoke** with 360° Rotation
- **Lightning Clamp Quick Release Plate**
- **7.5m Weatherproof** Head Cable
- **6m** Locking Neutrik powerCON TRUE1 TOP AC Power Cord
- **4 Dimming Curves:** Linear, Exponential, Log, S-Curve
- **4-Fan Modes:** Smart/Medium/High/Silent
- Included **Rolling Case**

*LS 1200 Series Hyper Reflectors Not Included

What's in the Box

Name	Qty
LS 600c Pro Lamp Head	1
LS 600c Pro Control Box	1
LS 600 Series Hyper Reflector	1
LS Series 7-Pin Weatherproof Head Cable (7.5m)	1
Neutrik powerCON TRUE1 TOP AC Power Cable (6m)	1
Lightning Clamp	1
LS 600c Pro Rolling Case	1

LS 600c Pro Photometrics

CCT	Dis.	No Accessories	LS 600 Series Hyper Reflector	BM1215 Hyper Reflector	BM1230 Hyper Reflector	BM1245 Hyper Reflector	F10 Fresnel (Flood)	F10 Fresnel (Spot)
2300K	1m	11,340 lux / 1,054 fc	33,000 lux / 3,066 fc	143,800 lux / 13,359 fc	46,100 lux / 4,283 fc	20,200 lux / 1,877 fc	17,160 lux / 1,594 fc	35,700 lux / 3,317 fc
	3m	1,370 lux / 127 fc	3,160 lux / 294 fc	13,320 lux / 1,237 fc	4,050 lux / 376 fc	2,051 lux / 191 fc	2,150 lux / 200 fc	4,930 lux / 458 fc
	5m	565 lux / 52 fc	1,250 lux / 116 fc	4,710 lux / 438 fc	1,536 lux / 143 fc	806 lux / 75 fc	844 lux / 78 fc	1,875 lux / 174 fc
3200K	1m	12,300 lux / 1,143 fc	35,900 lux / 3,335 fc	156,000 lux / 14,493 fc	50,200 lux / 4,664 fc	21,910 lux / 2,036 fc	18,660 lux / 1,734 fc	38,800 lux / 3,605 fc
	3m	1,489 lux / 138 fc	3,450 lux / 321 fc	14,480 lux / 1,345 fc	4,390 lux / 408 fc	2,234 lux / 208 fc	2,335 lux / 217 fc	5,360 lux / 498 fc
	5m	615 lux / 57 fc	1,356 lux / 126 fc	5,150 lux / 478 fc	1,671 lux / 155 fc	863 lux / 80 fc	920 lux / 85 fc	2,042 lux / 190 fc
4300K	1m	13,250 lux / 1,231 fc	38,600 lux / 3,586 fc	167,600 lux / 15,571 fc	53,900 lux / 5,007 fc	23,530 lux / 2,186 fc	21,100 lux / 1,960 fc	41,800 lux / 3,883 fc
	3m	1,605 lux / 149 fc	3,730 lux / 347 fc	15,640 lux / 1,453 fc	4,730 lux / 439 fc	2,413 lux / 224 fc	2,513 lux / 233 fc	5,780 lux / 537 fc
	5m	662 lux / 62 fc	1,460 lux / 136 fc	5,530 lux / 514 fc	1,804 lux / 168 fc	922 lux / 86 fc	990 lux / 92 fc	2,195 lux / 204 fc
5600K	1m	14,890 lux / 1,383 fc	43,400 lux / 4,032 fc	188,900 lux / 17,549 fc	60,700 lux / 5,639 fc	26,470 lux / 2,459 fc	22,510 lux / 2,091 fc	46,900 lux / 4,357 fc
	3m	1,800 lux / 167 fc	4,150 lux / 386 fc	17,480 lux / 1,624 fc	5,300 lux / 492 fc	2,694 lux / 250 fc	2,810 lux / 261 fc	6,450 lux / 599 fc
	5m	743 lux / 69 fc	1,640 lux / 152 fc	6,220 lux / 578 fc	2,028 lux / 188 fc	1,042 lux / 97 fc	1,110 lux / 103 fc	2,464 lux / 229 fc



Product Description

The Light Storm 600c Pro is Aputure's first-ever full-color point-source light fixture, complete with Bowens Mount Compatibility, custom color-blending optics, intense output, weather resistance, and professional level connectivity.

Its immensely powerful RGBWW LED chipset is capable of 600W of total output, positioning the LS 600c Pro as one of the brightest full-color point-source light fixtures on the market and as having the highest wattage RGBWW chipset in any point-source LED for filmmaking. And with its Bowens Mount compatibility, the LS 600c Pro is uniquely positioned as one of the most adaptable fixtures on the market.

With the included LS 600 Series Hyper Reflector, the LS 600c Pro can output 4,150+ lux at 3 meters, and as a Bowens Mount fixture, when paired with the BM1215 Hyper Reflector*, it can even output 17,480+ lux at the same distance.

Using the same foundational RGBWW technology in other high-end Aputure fixtures, such as the Nova series, the LS 600c Pro can achieve stunning color reproduction with an SSI (D56) of 74 and even an SSI (Tungsten) of 85. It also features a wide CCT range of 2,300K to 10,000K, green-magenta adjustment, and the ability to reproduce >90% of Colors Within Rec.2020 Color Space.

For smooth hands-on control, the LS 600c Pro also features a brand-new UX, including easy access to different light modes, 10 user-programmable presets, and other advanced features, such as Max & Constant Output Modes, Frequency Selection, 4 Fan Modes, 4 Dimming Curves, and 15 Lighting FX. And like the Nova series, the LS 600 Pro features critical professional color controls (including XY, RGB, Source & Gel Presets, as well as advanced HSI with white-point adjustability), and the professional connectivity options (including LumenRadio CRMX, 16-bit DMX512, and Art-net & sACN via etherCON).

Lastly, matching the rest of the LS 600 Pro series fixtures, the 600c Pro utilizes unique V-Mount battery plates that feature both multi-voltage compatibility and active battery-charging functionality, so users can always be ready in fast-paced shooting environments. The control box can also accept 48V/15A DC power via 3-pin XLR, allowing it to be powered via external battery power stations or block batteries.

*LS 1200 Series Hyper Reflectors Not Included

Target Audience

The Light Storm 600c Pro is ideal for filmmakers who need a high-output modifiable RGBWW light fixture for maximum adaptability on set. Whether you need just a splash of color, or to change your environment, the LS 600c Pro is the fixture with the power to accomplish that.

Users who also use other Aputure & amaran fixtures will find that the LS 600c Pro fits seamlessly into the same ecosystem, primarily due to the Bowens Accessory Mount present in all other Light Storm fixtures and Sidus Link App Control. Sidus Link is one of the most robust filmmaking applications, focused on the constant evolution of its tools for Sidus Link power users.

As a Pro LS fixture, the LS 600c Pro can also seamlessly sync into any lighting designer's system, with 16-bit DMX512, CRMX, and Art-net & sACN control via etherCON.

And with the continued advancements taking place in the world of virtual production, adaptable light sources that can be changed from hard to soft in seconds are a must-have for studios and filmmakers who want to match any environment.

Users who need lighter weight and portable fixtures will also find the LS 600c Pro more suitable than other industry alternatives, with a separate lamp head and control box keeping the lamp head lightweight while still offering ample flexibility. Additionally, the control box has multiple options for DC power, making it more ideal for fast-paced or on-location shooting.

Built on a foundation and goal of instant adaptability through light quality, connectivity, and color control, the LS 600c Pro is truly a plug-and-play fixture that has a home in any filmmaker or photographer's lighting kit.

LS 600c Pro Photometrics Cont.

CCT	Dis.	No Accessories	LS 600 Series Hyper Reflector	BM1215 Hyper Reflector	BM1230 Hyper Reflector	BM1245 Hyper Reflector	F10 Fresnel (Flood)	F10 Fresnel (Spot)
7500K	1m	16,150 lux / 1,500 fc	47,000 lux / 4,366 fc	203,300 lux / 18,887 fc	65,800 lux / 6,113 fc	28,600 lux / 2,657 fc	24,310 lux / 2,258 fc	50,500 lux / 4,692 fc
	3m	1,947 lux / 181 fc	4,490 lux / 417 fc	18,860 lux / 1,752 fc	5,720 lux / 531 fc	2,915 lux / 271 fc	3,020 lux / 281 fc	6,980 lux / 648 fc
	5m	802 lux / 75 fc	1,783 lux / 166 fc	6,720 lux / 624 fc	2,192 lux / 204 fc	1,138 lux / 106 fc	1,200 lux / 111 fc	2,667 lux / 248 fc
10000K	1m	14,540 lux / 1,351 fc	42,600 lux / 3,958 fc	184,900 lux / 17,178 fc	59,500 lux / 5,528 fc	25,860 lux / 2,402 fc	22,190 lux / 2,062 fc	46,000 lux / 4,274 fc
	3m	1,766 lux / 164 fc	4,100 lux / 381 fc	17,230 lux / 1,601 fc	5,220 lux / 485 fc	2,655 lux / 247 fc	2,760 lux / 256 fc	7,020 lux / 652 fc
	5m	724 lux / 67 fc	1,612 lux / 150 fc	6,110 lux / 568 fc	1,982 lux / 184 fc	1,025 lux / 95 fc	1,091 lux / 101 fc	2,413 lux / 224 fc

LS 600c Pro Specifications

CCT	2,300K – 10,000K		
CRI	95		
TLCI	98		
CQS	96		
SSI (D56)	74		
SSI (Tungsten)	85		
TM-30 RF (Average)	93		
TM-30 RG (Average)	100		
Beam Angle	(No Accessories)	93°	
	LS 600 Series Hyper Reflector	62°	
	BM1215 Bowers Mount Hyper Reflector (Narrow)	23°	
	BM1230 Bowers Mount Hyper Reflector (Medium)	53°	
	BM1245 Bowers Mount Hyper Reflector (Wide)	69°	
	F10 Fresnel	25 – 70°	
Lumens	35,686lm		
Max Power Output	600W		
Max Power Consumption	720W		
Max Operating Current	8A		
Operating Voltage (Power Supply)	100V–240V, 50Hz/60Hz		
Operating Voltage (Battery)	V-Mount (Two Batteries)	Half Output	12.5V-16.8V (14.4V/15A) 22V-33.6V (26V/8.5A, 28.8V/7.5A)
		Full Output	22V-33.6V (26V/18A, 28.8V/16A)
	3-Pin XLR (48V DC)		48V/15A
Operating Temperature	-20°C – 45°C / -4°F ~ 113°F		
Dimming	0-100%; Linear, Exponential, Logarithmic, S-Curve		
Control Methods	On-board, Sidus Link App, 16-bit DMX512, Art-net & sACN via etherCON, LumenRadio CRMX		
Wireless Operating Range (Bluetooth)	≤80m		
Wireless Operating Range (LumenRadio)	≤100m		
Screen Type	LCD		
Firmware Upgradeable	USB (FAT16/FAT32), Sidus Link		
Cooling Method	Active Cooling		
Cable Type	Head Cable	7-Pin Weatherproof Head Cable (7.5m)	
	Max Head Cable Length	7.5m	
	Power Cable	Neutrik® powerCON TRUE1 TOP AC Cable (6m)	
Construction Material	Magnesium Alloy		

LS 600c Pro Specifications

Weather Resistance	Dust & Water Resistant	
Accessory Mount	Bowers Mount	
Tilt Angle	360°	
Mounting	16mm / 28mm 0.625in / 1.125in (Dual Junior/Baby 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	5.86 kg / 12.92lbs
	Control Box	5.21 kg / 11.48lbs
	Lightning Clamp	670g / 1.48lbs
	Rolling Case (Filled)	14.36 kg / 31.66 kg
Dimensions	Lamp Head w/o Yoke	30.2 x 22.2 x 15cm / 11.9 x 8.74 x 5.9in
	Lamp Head w/ Yoke	45.3 x 26.7 x 15cm / 17.8 x 10.5 x 5.9in
	Control Box	36.6 x 19.7 x 15.6cm / 14.4 x 7.7 x 6.1in
	Lightning Clamp	10.35 x 8.74 x 12.5cm / 4.07 x 3.44 x 4.92in
	Rolling Case	59 x 40 x 35.5cm / 23.2 x 15.7 x 14in

Sales & Shipping Information

Product Name	LS 600c Pro (V-Mount)	
SKU	UK Plug	AP30126A23
	EU Plug	AP30126A21
UPC	UK Plug	6971842183463
	EU Plug	6971842183470
Package Size	59.0 x 40.0 x 35.5cm / 23.23 x 15.75 x 13.98 in	
Net Weight	14.36 kg / 31.66lbs	
Gross Weight	20.89kg / 46.05lbs	
Carton Qty	1pc	
Carton Dimensions	62.5 x 43.5 x 39cm / 24.6 x 17.1 x 15.3in	
Carton Weight	20.89kg / 46.05lbs	