Aputure®

STORM 700x Feature Sheet

Main Features

- **700W tunable-white c**ompact point source fixture
- **Advanced white point control** with **green/magenta color correction** (±G 100% full ASC MITC range)
- CCT range of **2,500K-10,000K**
- **Groundbreaking proprietary LED chipset**: Blue, Lime, Amber, Indigo, Red (BLAIR)
- **Advanced diode color mixing** allows fixture to more effectively utilize each diode's **light output**
- **16,730 lux @3m (5600K)** when using included 35º reflector
- **Ultra-high color accuracy**: CRI≥95, TLCI≥95,, **SSI [P3200]: 87, SSI [CIE D5600]: 87**, TM-30 Rf (average) 95, TM-30 Rg (average) 100
- **70%+ coverage** of Rec. 2020 color gamut
- **Robust ProLock Locking Bowens Mount design** allows for more secure and optically aligned modifier accessory connection
- **IP65 weather resistance**
- Smooth 0.1-100% **stepless dimming**
- **Multiple control methods:** Sidus Link and Sidus Link Pro App, LumenRadio CRMX, 16-bit 5-Pin DMX512 in & out
- Supports **firmware batch-updates** via Sidus Link, Sidus Link Pro, and USB-A
- **Dual output modes: M**ax and Constant
- **High-Speed Photography, Lead-Follow,** and **Studio Modes**
- **4 fan modes:** Smart, High, Medium, Silent
- **12 DMX control profiles** with **multiple DMX dimming modes** and **customizable DMX signal loss behaviors**
- **4 dimming curves**: Linear, Exponential, Logarithmic, S-Shaped
- **9 light effects**: Paparazzi, Fireworks, Flickering Bulb, Cannon, Lightning, TV, Pulse, Flash, Explosion, Flame
- **10 savable presets**

Sales & Shipping Information

Product Name	STORM 700x	
	SKU	**EAN**
STORM 700x (EU Plug)	AP0701017T	6977162454504
STORM 700x (UK Plug)	AP0704017U	6977162454511
Packing Dimensions	69.5 x 46.5 x 42.5 cm / 27.4 x 18.3 x 16.7 in	
Net Weight	12.00 kg / 26.46 lbs	
Gross Weight	21.00 kg / 46.30 lbs	
Carton Quantity	1 pcs	
Carton Dimensions	69.5 x 46.5 x 42.5 cm / 27.4 x 18.3 x 16.7 in	
Carton Weight	21.00 kg / 46.30 lbs	

Product Description

Introducing the Aputure STORM 700x, a high-output point-source LED lighting fixture that redefines what a compact, tunable-white engine can deliver on set. Building upon the same innovative foundation as the STORM 1200x, STORM XT52, and STORM 400x, the STORM 700x harnesses Aputure's proprietary BLAIR LED chipset: an advanced five-diode architecture featuring Blue, Lime, Amber, Indigo, and Red emitters. This groundbreaking chipset enables exceptional spectral quality, unlocking more efficient utilization of each diode's output and unparalleled accuracy in white light reproduction.

With a powerful 700W COB in a compact form factor, the STORM 700x is the perfect tool for professionals demanding both high output intensity and precision. Offering a wide CCT range of 2,500K to 10,000K and full ±G ASC MITC green-magenta correction, the STORM 700x empowers users to fine-tune their white point with unmatched flexibility

Leveraging its advanced optical system, the STORM 700x produces an impressive 18,670 lux at 3 meters (5600K) when paired with its included 35º reflector. Its performance is matched by industry-leading color fidelity: SSI [P3200] 87 and SSI [D5600] 87. With over 70% coverage of the Rec. 2020 color gamut and smooth stepless dimming from 0.1–100%, the STORM 700x provides the precision and reliability required for color-critical productions.

Engineered for the rigors of professional workflows, the STORM 700x features an IP65 weather-resistant construction and Aputure's robust ProLock Bowens Mount for enhanced modifier security and optical alignment, even with heavier and optical accessories. Its intelligent cooling system offers four fan modes: Smart, High, Medium, and Silent.

Equipped with comprehensive control options, including Sidus Link® and Sidus Link Pro® app integration, LumenRadio CRMX, 16-bit 5-Pin DMX512 in/out, and support for batch firmware updates, the STORM 700x integrates seamlessly into modern lighting networks and workflows. Additional modes, including Max Output, Constant Output, High-Speed, Lead-Follow, and Studio Modes, expand its versatility for a wide range of production needs.

Designed for filmmakers, cinematographers, and lighting professionals who demand uncompromising output and color performance in a weather-resistant, and network-ready body, the STORM 700x sets a new standard for high-output, precision white light in a compact point-source fixture.

Target Audience

For cinematographers, the STORM 700x delivers uncompromising output and precision white light control in a compact package, enabling them to light with both power and accuracy. With its advanced BLAIR chipset, 700W engine, and full ±G ASC MITC green-magenta adjustment, the STORM 700x offers unmatched flexibility.

Gaffers and lighting technicians will value the fixture's rugged IP65 build, ProLock Bowens Mount, and wide range of professional control options. These features allow for seamless integration into lighting setups, efficient rigging, and intuitive control.

For owner-operators and video professionals, the STORM 700x offers the perfect blend of portability and high output. Its robust performance, paired with efficient power consumption and weather-resistant design, makes it a reliable workhorse for commercial shoots, interviews, and mid-to-large-scale productions where durability and precision color performance are critical.

Photographers will also find the STORM 700x to be a versatile tool in both studio and location workflows. With its 2,500K–10,000K CCT range, ultra-smooth 0.1–100% dimming, and industry-leading color accuracy, the 700x delivers clean, consistent light that adapts from controlled studio setups to challenging outdoor environments.

Across disciplines, the STORM 700x empowers creatives with the output, durability, and advanced control required to thrive in modern production settings, providing a feature-rich, compact lighting solution built to meet the demands of professionals at every level.

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STORM 700x Photometrics

CCT	Dis.	No Reflector	35º Reflector	25º Reflector	CF10 Full Spot (15º)	CF10 Full Flood (40º)
2,500K	3m	4,200 lux 390 fc	12,480 lux 1,160 fc	18,120 lux 1,684 fc	37,400 lux 3,476 fc	7,850 lux 730 fc
	5m	1,588 lux 148 fc	3,800 lux 353 fc	5,450 lux 507 fc	13,020 lux 1,210 fc	3,030 lux 282 fc
3,200K	3m	4,870 lux 453 fc	14,430 lux 1,341 fc	20,950 lux 1,947 fc	43,300 lux 4,024 fc	9,990 lux 928 fc
	5m	1,839 lux 171 fc	4,430 lux 412 fc	6,350 lux 590 fc	15,050 lux 1,399 fc	3,510 lux 326 fc
4,300K	3m	6,210 lux 577 fc	18,120 lux 1,684 fc	26,430 lux 2,456 fc	54,700 lux 5,084 fc	11,590 lux 1,077 fc
	5m	2,330 lux 217 fc	5,260 lux 489 fc	7,404 lux 688 fc	19,000 lux 1,766 fc	4,440 lux 413 fc
5,600K	3m	6,370 lux 592 fc	18,670 lux 1,735 fc	27,190 lux 2,527 fc	56,200 lux 5,223 fc	11,900 lux 1,106 fc
	5m	2,394 lux 222 fc	5,390 lux 501 fc	7,700 lux 716 fc	19,550 lux 1,817 fc	4,570 lux 425 fc
6,500K	3m	6,190 lux 575 fc	18,250 lux 1,696 fc	26,520 lux 2,465 fc	54,700 lux 5,084 fc	11,570 lux 1,075 fc
	5m	2,333 lux 217 fc	4,818 lux 448 fc	7,235 lux 672 fc	19,050 lux 1,770 fc	4,460 lux 414 fc
7,500K	3m	5,660 lux 526 fc	16,760 lux 1,558 fc	24,300 lux 2,258 fc	50,100 lux 4,656 fc	10,610 lux 986 fc
	5m	2,136 lux 199 fc	4,793 lux 445 fc	7,087 lux 659 fc	17,470 lux 1,624 fc	4,080 lux 379 fc
10,000K	3m	4,720 lux 439 fc	13,930 lux 1,295 fc	20,200 lux 1,877 fc	41,700 lux 3,875 fc	8,850 lux 822 fc
	5m	1,778 lux 165 fc	4,430 lux 412 fc	6,300 lux 586 fc	14,520 lux 1,349 fc	3,400 lux 316 fc

What's in the Box

Name	Qty
STORM 700x Lamp Head	1
STORM 700x Control Box	1
Lightning Clamp	1
BM6835 35º Angle Hyper Reflector	1
STORM 700x Head Cable (5m)	1
AC Power Cable (6m)	1
Bowens Mount Protection Cover	1
Soft Rolling Case	1

STORM 700x Specifications

LED Chipset	BLAIR
CCT	2,500K – 10,000K
Green-Magenta Adjustment Range	±G 100% (Full ASC MITC Range)
CRI	≥95
TLCI	≥95
SSI (Tungsten)	87
SSI (D56)	87
TM-30 RF (Average)	95
TM-30 RG (Average)	100
Max Power Consumption	880W
Max Power Output	700W
Operating Voltage	100V ~ 240V / 50-60 Hz
USB-A Power Port Specifications	Out 5V/0.5A
Weather Resistance Rating	IP65
Native COB Beam Angle	58º
Included Reflector Beam Angle	35º
Data Ports	1x 5-Pin DMX In, 1x 5-Pin DMX Out
CRMX Chip	Built-in TimoTwo module
Operating Temperature	-20°C ~ 45°C / -4°F ~ 113°F
Storage Temperature	-40°C ~ 80°C / -40°F ~ 176°F
Control Methods	On-board, Sidus Link App, Sidus Link Pro App, DMX, RDM, CRMX
Firmware Upgradeable	Sidus Link, Sidus Link Pro, USB-A Drive
Cooling Method	Active air cooling
Wireless Range	Sidus Bluetooth	≤100m / ≤262.5ft
	CRMX (TimoTwo)	≤100m / ≤262.5ft
Lamp Head Fan Noise Levels (at 1m)	Smart Mode	32 dBA
	High Mode	36.9 dBA
	Medium Mode	31.8 dBA
	Silent Mode	0 dBA
Dimensions	Lamp Head (With Yoke)	27.4 x 27.2 x 50.3 cm 10.8 x 10.7 x 19.8 inch
	Control Box	12.3 x 15.4 x 31.4 cm 4.8 x 6.1 x 12.4 in
Weight	Lamp Head with Yoke	5.15 kg / 11.35 lbs
	Control Box	4.10 kg / 9.04 lbs
	AC Power Cable	0.60 kg / 1.32 lbs
	Head Cable	1.06 kg / 2.34 lbs
	BM6835 35º Reflector	0.35 kg / 0.77 lbs
	Lightning Clamp	0.65 kg / 1.32 lbs