

# Aputure®

## STORM 1200x Feature Sheet

### Main Features

- **1200W Tunable-White** Point Source Fixture
- **Advanced White Point Control** with **Green/Magenta Color Correction** ( $\pm$ G 100% Full ASC MITC Range)
- CCT Range of **2,500K-10,000K**
- **New Breakthrough Proprietary LED Chipset:** Blue, Lime, Amber, Indigo, Red (BLAIR)
- **Advanced Diode Color Mixing** Allows Fixture to More Effectively Utilize Each Diode's Light Output
- **22,500 Lux @3m (5600K)** When Using Wide-Angle Reflector
- **Ultra-High Color Accuracy:** CRI $\geq$ 95, TLCI $\geq$ 95, CQS [CIE D5600] $\geq$ 96, SSI [P3200]: **87**, SSI [CIE D5600]: **87**, TM-30 Rf (average) 95, TM-30 Rg (average) 100
- **All-New Robust ProLock Locking Bowens Mount Design** Allows For More Secure and Optically Aligned Modifier Accessory Connection
- **IP65 Weather Resistance**
- Daylight Output Comparable to **1,800W HMI**
- Smooth 0.1-100% Stepless Dimming
- **Minimum Output:** <60 lux @ 1m, 5,600K
- **Multiple Control Methods:** Sidus Link and Sidus Link Pro App, LumenRadio CRMX, Art-net & sACN via etherCON, 16-bit 5-Pin DMX512 In & Out
- **Dual Output Modes:** Max and Constant
- **High-Speed Photography, Lead-Follow,** and **Studio Modes**
- **6 Fan Modes:** Auto/Smart, High, Medium, Low, Delayed, 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 1200x	
	SKU	EAN
EU Plug	AP20334A21	6977162450261
UK Plug	AP20334A23	6977162450285
Packing Dimensions	68.5 x 45.5 x 49.0cm / 27.0 x 17.9 x 19.3in	
Net Weight	27.00kg / 59.52lbs	
Gross Weight	28.90kg / 63.71lbs	
Carton Quantity	1 pc	
Carton Dimensions	68.5 x 45.5 x 49.0cm / 27.0 x 17.9 x 19.3in	
Carton Weight	28.90kg / 63.71lbs	



### Product Description

Introducing the Aputure STORM 1200x, Aputure's first light in our new STORM family of cutting-edge workhorse point-source fixtures. As a 1,200W dual-color point source fixture featuring our breakthrough BLAIR LED chipset, a ProLock locking Bowens mount, and advanced dimming technology, the STORM 1200x is a feature-packed fixture suitable for a tremendous range of professional imaging applications from high-end film productions to small-crew video or photo shoots.

With our new breakthrough proprietary BLAIR chipset, the STORM 1200x delivers exceptional brightness and color accuracy. The STORM 1200x offers a hefty 24,000 lux @3m at 5,600K with its included hyper reflector while maintaining an SSI [P3200] of 87 and SSI [CIE D5600] of 87 at 3,200K and 5,600K respectively. The inclusion of an indigo diode in this chipset enhances the colors of fluorescing materials, resulting in an image that is lit more accurately to match natural daylight and tungsten sources.

Featuring a CCT range of 2,500K-10,000K and advanced white-point control with green-magenta color correction ( $\pm$ G 100% full ASC MITC range), this fixture offers the versatility and critical color accuracy that professionals call for on set.

Equipped with advanced dimming technology, the STORM 1200x ensures flicker-free, color-accurate operation during shooting even at its lowest output level of <50lux @1m (5,600K). In addition, this dimming technology provides users with an unprecedented 0.1-100% stepless brightness control.

Armed with a newly designed ProLock locking Bowens mount, the STORM 1200x can support standard Bowens mount modifiers while maintaining an easy coupling procedure for heavier modifiers that reduces the need to make rotational adjustments with accessories to achieve a secure, optically aligned lock.

Featuring comprehensive lighting control protocol options, including 16-bit DMX512, LumenRadio CRMX, Art-net & sACN Ethernet, and Sidus Link/Sidus Link Pro® App control, the STORM 1200x ensures seamless integration into professional lighting workflows at the lamp head and behind the console.

With a rugged IP65 dust and weather resistant rating, the STORM 1200x is capable of withstanding even the most demanding filming environments in inclement weather without any impact to performance or reliability.

### Target Audience

The STORM 1200x is a breakthrough lighting fixture designed to cater to a diverse range of professionals within the film and photography industries calling for high-output and versatile lights, including cinematographers, lighting technicians, videographers, and photographers.

For cinematographers, this advanced LED fixture offers unparalleled control over any lighting condition, with precise brightness adjustments and flicker-free performance. The breakthrough BLAIR chipset offers a highly efficient color blending that utilizes each diode's highest output levels while maintaining color accurate white light.

Lighting technicians will appreciate the STORM 1200x versatility and ease of integration into professional setups. Equipped with a variety of control options, including 16-bit DMX512, LumenRadio CRMX, and Sidus Link® App control, this fixture seamlessly adapts to complex lighting networks, enhancing workflow efficiency.

Videographers benefit from the STORM 1200x's output to power draw ratio, drawing only a maximum of 1440W for an output level comparable to a 1.8K HMI. With its versatile Bowens Mount, videographers have the flexibility to quickly achieve their desired lighting looks with industry-standard Bowens Mount modifiers.

Photographers seeking high-output professional-grade lighting solutions will find the STORM 1200x to be an indispensable tool in their arsenal. With its high output efficiency and dynamic white adjustment, the STORM 1200x can be used across a wide range of photographic applications, from studio portraits to outdoor shoots.

Whether you're a seasoned cinematographer, lighting technician, videographer, or photographer, the STORM 1200x empowers you to elevate your craft with unparalleled performance, versatility, and reliability, ensuring exceptional results in every production or photo shoot.



## STORM 1200x Photometrics

CCT	Dis.	No Reflector	15° Reflector	30° Reflector	45° Reflector
2,500K	3m	6,570 lux 611 fc	74,000 lux 6,877 fc	32,200 lux 2,993 fc	15,300 lux 1,422 fc
	5m	2,510 lux 233 fc	25,600 lux 2,379 fc	10,900 lux 1,013 fc	5,420 lux 505 fc
3,200K	3m	8,370 lux 778 fc	94,600 lux 8,792 fc	41,100 lux 3,820 fc	19,500 lux 1,812 fc
	5m	3,170 lux 293 fc	30,900 lux 2,872 fc	13,800 lux 1,283 fc	6,910 lux 642 fc
4,300K	3m	8,620 lux 801 fc	97,400 lux 9,052 fc	42,400 lux 3,941 fc	20,100 lux 1,868 fc
	5m	3,280 lux 305 fc	33,600 lux 3,123 fc	14,300 lux 1,329 fc	7,130 lux 663 fc
5,600K	3m	8,490 lux 789 fc	96,100 lux 8,931 fc	41,800 lux 3,885 fc	22,500 lux 2,090 fc
	5m	3,230 lux 300 fc	33,300 lux 3,095 fc	14,100 lux 1,310 fc	7,070 lux 657 fc
6,500K	3m	8,370 lux 778 fc	94,700 lux 8,801 fc	41,200 lux 3,829 fc	19,500 lux 1,812 fc
	5m	3,180 lux 296 fc	32,700 lux 3,039 fc	13,900 lux 1,292 fc	6,910 lux 642 fc
7,500K	3m	8,200 lux 762 fc	92,800 lux 8,625 fc	40,400 lux 3,755 fc	19,100 lux 1,775 fc
	5m	3,120 lux 290 fc	32,000 lux 2,974 fc	13,600 lux 1,264 fc	6,800 lux 632 fc
10,000K	3m	7,790 lux 724 fc	87,900 lux 8,169 fc	38,400 lux 3,569 fc	18,200 lux 1,691 fc
	5m	2,960 lux 275 fc	30,400 lux 2,825 fc	12,900 lux 1,199 fc	6,470 lux 601 fc

## What's in the Box

Name	Qty
STORM 1200x Lamp Head	1
STORM 1200x Control Box	1
Lightning Clamp	1
STORM 1200x 45° Angle Wide Reflector	1
8-Pin Weatherproof Head Cable (7.5m)	1
AC Power Cable (6m)	1
Bowens Mount Protection Cover	1
Rolling Soft Case	1



## STORM 1200x Specifications

LED Chipset	BLAIR	
CCT	2,500K – 10,000K	
Green-Magenta Adjustment Range	±G 100% (Full ASC MITC Range)	
CRI	≥95 (3,000K)	
TLCI	≥95 (3,200K)	
CQS	≥94	
SSI (Tungsten)	87	
SSI (D56)	87	
TM-30 RF (Average)	95	
TM-30 RG (Average)	100	
Max Power Consumption	1440W	
Max Power Output	1200W	
Weather Resistance Rating	IP65	
Included Reflector Beam Angle	45°	
Data Ports	1x 5-Pin DMX In, 1x 5-Pin DMX Out, 2x LAN	
Operating Voltage	100V ~ 240V / 50-60 Hz	
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, etherCON	
Firmware Upgradeable	Sidus Link, Sidus Link Pro, USB Drive	
Wireless Range	Sidus Bluetooth	≤100m / ≤262.5ft
	CRMX (TimoTwo)	≤100m / ≤262.5ft
Lamp Head Fan Noise Levels	Smart Mode	52 dBA
	High Mode	43 dBA
	Medium Mode	34.4 dBA
	Low Mode	31 dBA
	Silent Mode	0 dBA
Max Control Box Noise Level	All Modes	28.5 dBA
Dimensions	Lamp Head (Without Yoke)	33.4 x 33.6 x 25.0cm 13.2 x 13.2 x 9.8in
	Lamp Head (With Yoke)	33.4 x 33.6 x 55.7cm 13.2 x 13.2 x 21.9in
	Control Box	13.6 x 18.9 x 34.4cm 5.4 x 7.4 x 33.2in
Weight	Lamp Head with Yoke	9.50kg / 20.94lbs
	Control Box	5.92kg / 13.05lbs
	Head Cable	1.81kg / 3.99lbs
	AC Power Cable	0.65kg / 1.43lbs



# STORM 1200x Reflector Kit

## Data Sheet



### Main Features

- **15° Narrow and 30° Medium Reflectors** for the STORM 1200x
- Included **Protective Carrying Case** For Storing and Transporting Both Reflectors
- **Uniform Edge-to-Edge** Light Output Distribution With No Hotspots
- Reflector Kit Carrying Case **Fits Securely** On Top Of STORM 1200x Rolling Case Making Transportation of Both Cases Easy

### Photometrics

CCT	Dis.	15° Reflector	30° Reflector
2,500K	3m	74,000 lux 6,877 fc	32,200 lux 2,993 fc
	5m	25,600 lux 2,379 fc	10,900 lux 1,013 fc
3,200K	3m	94,600 lux 8,792 fc	41,100 lux 3,820 fc
	5m	30,900 lux 2,872 fc	13,800 lux 1,283 fc
4,300K	3m	97,400 lux 3,123 fc	42,400 lux 3,941 fc
	5m	33,600 lux 3,123 fc	14,300 lux 1,329 fc
5,600K	3m	96,100 lux 8,931 fc	41,800 lux 3,885 fc
	5m	33,300 lux 3,095 fc	14,100 lux 1,310 fc
6,500K	3m	94,700 lux 8,801 fc	41,200 lux 3,829 fc
	5m	32,700 lux 3,039 fc	13,900 lux 1,292 fc
7,500K	3m	92,800 lux 8,625 fc	40,400 lux 3,755 fc
	5m	32,000 lux 2,974 fc	13,600 lux 1,264 fc
10,000K	3m	87,900 lux 8,169 fc	38,400 lux 3,569 fc
	5m	30,400 lux 2,825 fc	12,900 lux 1,199 fc

### Product Description

The STORM 1200x Reflector Kit is a rental-ready kit of a 15° Narrow and 30° Medium Reflector for the STORM 1200x packaged in a protective soft carrying case. This kit expands the beam angle options of the STORM 1200x, allowing users to obtain either an intense and narrow or a smooth and wider push of light.

### Specifications

Beam Angle	Narrow Reflector	15°
	Medium Reflector	30°
Dimensions	Narrow Reflector	Φ32.0 x 41.4cm Φ12.6 x 16.3in
	Medium Reflector	Φ23.0 x 33.0cm Φ9.1 x 13.0in
	Carrying Case	39.5 x 39.5 x 50.5cm 15.6 x 15.6 x 19.9in
Weight	Narrow Reflector	1.40kg / 3.09lbs
	Medium Reflector	0.90kg / 1.98lbs
	Carrying Case	3.47kg / 7.50lbs

### What's in the Box

Name	Qty
Narrow-Angle Reflector-BM7815	1
Medium-Angle Reflector-BM7830	1
STORM 1200x Reflector Kit Carrying Case	1

### Sales & Shipping Information

Product Name	STORM 1200x Reflector Kit
SKU	AA00060000
EAN	6977162450520
Packing Dimensions	39.5 x 39.5 x 50.5cm 15.6 x 15.6 x 19.9in
Net Weight	2.43kg / 5.36lbs
Gross Weight	6.00kg / 13.23lbs
Carton Quantity	1 pc
Carton Dimensions	39.5 x 39.5 x 50.5cm 15.6 x 15.6 x 19.9in
Carton Weight	6.00kg / 13.23lbs