Aputure®

STORM 1000c Feature Sheet

Main Features

- **1000W Color Tunable** Point Source Fixture
- **New Breakthrough Proprietary LED Chipset**: Blue, Lime, Amber, Indigo, Red, Cyan, Green (BLAIR-CG)
- **14,200 Lux @3m (5600K)** When Using Included 45º Hyper Reflector
- CCT Range of **1,800K-20,000K**
- **Advanced Diode Color Mixing** Allows Fixture to More Effectively Utilize Each Diode's **Light Output**
- **Advanced White Point Control** with **Green/Magenta Color Correction** (±G 100% Full ASC MITC Range)
- **Ultra-High Color Accuracy**: CRI≥97, TLCI≥97, CQS [CIE D5600]≥97, **SSI [P3200]: 88, SSI [CIE D5600]: 89**, TM-30 Rf (avg) 96, TM-30 Rg (avg) 100
- **90%+ Coverage** of Rec.2020 Color Gamut Using x,y Mode
- **Versatile Rigging Potential** with Multiple 3/8-16in Threads On Lamp Head
- **Robust ProLock Locking Accessory Mount Design** Allows For More Secure and Optically Aligned Modifier Accessory Connection
- **IP65 Weather Resistance**
- **Multiple Control Methods:** Sidus Link and Sidus Link Pro App, LumenRadio CRMX, Art-net & sACN via etherCON, 16-bit 5-Pin DMX512 In & Out
- Smooth **0.1-100% Stepless Dimming**
- **Minimum Output:** 24 lux @ 3m, 5,600K
- **Dual Output Modes:** Max and Constant
- **High-Speed Photography, Lead-Follow,** and **Studio Modes**
- **4 Fan Modes:** Smart, High, Medium, Silent
- **74 DMX Control Profiles** with **Multiple DMX Dimming Modes** and **Customizable DMX Signal Loss Behaviors**
- **4 Dimming Curves**: Linear, Exponential, Logarithmic, S-shaped
- **15 Built-In Light Effects**: Lightning II; Paparazzi; Color Chase; Candle; Explosion II; Strobe II; Cop Car II; Fireworks; Welding II; Pulsing II; Faulty Bulb II; Fire II; Club lights; TV II; Party Lights
- **10 Savable Presets**

Sales & Shipping Information

Product Name	STORM 1000c	
	SKU	**EAN**
EU Plug	AP20337A21	6977162450476
UK Plug	AP20337A23	6977162450490
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 1000c, the latest addition to the STORM family of high-performance point-source fixtures. As a 1000W color-tunable point source fixture featuring our revolutionary BLAIR-CG LED chipset and ProLock mount, the STORM 1000c offers unparalleled color accuracy, advanced white-point control, and secure modifier mounting. Whether on a high-end film set or a small-crew video production, this versatile fixture delivers the power and precision required for any professional application.

With its proprietary BLAIR-CG chipset, the STORM 1000c achieves exceptional brightness and vibrant color mixing. Offering 14,200 lux @3m (5600K) with the included 45º hyper reflector, it ensures maximum output while maintaining ultra-high color accuracy. The advanced chipset utilizes diodes in Blue, Lime, Amber, Indigo, Red, Cyan, and Green to enhance the light quality, providing a wider range of saturated colors and more effective utilization of each diode's output.

With a CCT range from 1,800K to 20,000K, the STORM 1000c adapts seamlessly to any shooting environment, from candlelight to daylight scenes. The advanced white-point control with green-magenta color correction (±G 100% Full ASC MITC range) ensures white-point accuracy across any lighting condition. Its 90%+ Rec. 2020 gamut coverage gives filmmakers access to an expansive color palette to match creative demands precisely.

The STORM 1000c is equipped with smooth 0.1-100% stepless dimming, delivering flicker-free performance even at minimal output levels of 24 lux @3m (5600K). Users can select between Max and Constant output modes, adapting to different production needs without compromising color accuracy.

A newly developed ProLock locking accessory mount ensures modifiers stay securely attached and optically aligned, reducing the need for adjustments and optimizing the performance of optical modifiers like projector lenses and fresnels.

With multiple control options, including Sidus Link®, Sidus Link Pro, LumenRadio CRMX, Art-net, sACN via etherCON, and 16-bit DMX512 compatibility, the STORM 1000c integrates effortlessly into any professional lighting workflow.

With IP65 weather resistance, the STORM 1000c is ready for any challenge, whether shooting indoors or in extreme weather conditions. Four fan modes (Smart, High, Medium, Silent) allow operators to tailor cooling performance to suit various environments without affecting noise levels on set.

The Aputure STORM 1000c: Redefining the boundaries of color, power, and precision. Whether capturing the finest details on set or lighting dynamic scenes on location, the STORM 1000c ensures exceptional results every time.

Target Audience

The STORM 1000c is a breakthrough color tunable 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-CG chipset offers a highly efficient color blending that utilizes each diode's highest output levels while maintaining color accurate white light and flexible color adjustments.

Lighting technicians will appreciate the STORM 1000c's 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 1000c's output to power draw ratio, drawing only a maximum of []W for an output level comparable to an 800W HMI. With its stable and versatile ProLock 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 1000c to be an indispensable tool in their arsenal. With its high output efficiency and color tunability, the STORM 1000c 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 1000c empowers you to elevate your craft with unparalleled performance, versatility, and reliability, ensuring exceptional results in every production or photo shoot.

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STORM 1000c Photometrics

STORM 1000c Specifications

CCT	Dis.	Bare COB	15º Hyper Reflector	30º Hyper Reflector	45º Hyper Reflector
1,800K	3m	3,500 lux 325 fc	39,000 lux 3,625 fc	16,800 lux 1,561 fc	7,900 lux 734 fc
	5m	1,350 lux 125 fc	13,300 lux 1,236 fc	5,500 lux 511 fc	2,700 lux 251 fc
3,200K	3m	6,500 lux 604 fc	72,000 lux 6,691 fc	31,000 lux 2,881 fc	14,500 lux 4,348 fc
	5m	2,500 lux 232 fc	24,500 lux 2,277 fc	10,000 lux 929 fc	5,100 lux 474 fc
4,300K	3m	6,600 lux 613 fc	73,000 lux 6,784. fc	31,000 lux 2,881 fc	14,700 lux 1,366 fc
	5m	2,550 lux 237 fc	25,000 lux 2,323 fc	10,500 lux 976 fc	5,200 lux 483 fc
5,600K	3m	6,300 lux 586 fc	70,000 lux 6,506 fc	31,000 lux 2,881 fc	14,200 lux 1,320 fc
	5m	2,450 lux 228 fc	24,000 lux 2,230 fc	10,000 lux 929 fc	5,000 lux 465 fc
6,500K	3m	6,200 lux 576 fc	68,000 lux 6,320 fc	30,000 lux 2,788 fc	14,000 lux 1,301 fc
	5m	2,350 lux 218 fc	23,500 lux 2,184 fc	9,800 lux 911 fc	4,900 lux 455 fc
10,000K	3m	5,200 lux 483 fc	57,000 lux 5,297 fc	25,000 lux 2,323 fc	11,500 lux 1,069 fc
	5m	2,000 lux 186 fc	20,000 lux 1,859 fc	8,200 lux 762 fc	4,000 lux 372 fc
20,000K	3m	3,900 lux 362 fc	43,000 lux 3,996 fc	19,000 lux 1,766 fc	8,800 lux 818 fc
	5m	1,500 lux 139 fc	14,500 lux 1,348 fc	6,200 lux 576 fc	3,100 lux 288 fc

Specification	Value
LED Chipset	BLAIR-CG
CCT	1,800K – 20,000K
Color Gamut Coverage	90%+ Rec.2020
CRI	97
TLCI	97
CQS (5600K)	97
CQS (3200K)	98
SSI (Tungsten)	88
SSI (D56)	89
TM-30 RF (Average)	96
TM-30 RG (Average)	100
Max Power Consumption	1200W
Max Power Output	1000W
Weather Resistance Rating	IP65
Native COB Beam Angle	67º
Included Reflector Beam Angle	45º
AC PSU 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
Wired Data Port Types	1x 5-Pin XLR In, 1x 5-Pin XLR Out. 2x RJ45 LAN Ports
Control Methods	On-board, Sidus Link App, Sidus Link Pro App, DMX, RDM, SACN, artNET, CRMX
Cooling Method	Active Air Cooling
Firmware Upgradeable	Sidus Link, Sidus Link Pro, USB-A
Screen Type	TFT
Shell Construction	Aluminum Alloy
Wireless Range	Sidus Bluetooth	≤100m / ≤262.5ft
	CRMX (TimoTwo)	≤100m / ≤262.5ft
Lamp Head Fan Noise Levels (at 1m)	Smart Mode (Max)	52dBA
	High Mode	43dBA
	Medium Mode	34.4dBA
	Silent Mode	0dBA
Dimensions	Lamp Head (With Yoke)	33.5 x 33.8 x 55.7cm 13.2 x 13.3 x 21.9in
	Lamp Head (Without Yoke)	33.5 x 23.2 x 25.1cm 13.2 x 9.1 x 9.9in
	Control Box	13.6 x 20.0 x 34.4cm 5.4 x 7.9 x 13.5in
Weight	Lamp Head (With Yoke)	9.66kg / 21.30lbs
	45º Reflector	0.40kg / 0.88lbs
	Control Box	6.12kg / 13.49lbs

What's in the Box

Name	Qty
STORM 1000c Lamp Head with Yoke	1
STORM 1000c Control Box	1
45º Hyper Reflector	1
Neutrik PowerCon AC Power Cable (6m)	1
Head Cable (7.5m)	1
Rolling Case	1