



STORM 80c Feature Sheet

Main Features

- **80W Full-Color** Compact Point Source Fixture
- **New Breakthrough Proprietary LED Chipset:** Blue, Lime, Amber, Indigo, Red, Cyan, Green (BLAIR-CG)
- **19,850 Lux @1m (5600K)** When Using Included 35° 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** (\pm G 100% Full ASC MITC Range)
- **Ultra-High Color Accuracy:** CRI \geq 97, TLCI \geq 98, CQS [CIE D5600] \geq 96, SSI [P3200]: **88**, SSI [CIE D5600]: **84**, TM-30 Rf (avg) 96, TM-30 Rg (avg) 103
- **90%+ Coverage** of Rec.2020 color gamut
- **Compact Design** (Lamp Head Weight with Yoke: 1.35kg / 2.98lbs)
- **Removable Yoke** Offers **360° Rotation** of Lamp Head
- **Versatile Rigging Potential** with Four 3/8-16in Threads
- **All-New Robust Mini 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, 16-bit 5-Pin DMX512 In & Out
- **Smooth 0.1-100% Stepless Dimming**
- **Minimum Output:** <19.8 lux @ 1m, 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 80c	
	SKU	EAN
EU Plug	AP00336A21	6977162451114
UK Plug	AP00336A23	6977162451138
Packing Dimensions	40.5 × 23.6 × 25.5cm / 16.0 × 9.3 × 10.0in	
Net Weight	2.30kg / 5.07lbs	
Gross Weight	4.20kg / 9.26lbs	
Carton Quantity	2 pcs	
Carton Dimensions	49.0 × 42.0 × 27.5cm / 19.3 × 16.5 × 10.8in	
Carton Weight	9.45kg / 20.83lbs	



Product Description

Introducing the Aputure STORM 80c, Aputure's second light in our new STORM family and first to feature our new BLAIR-CG LED chipset. As an 80W color-tunable point source fixture with a color engine based on our breakthrough BLAIR chipset, a Mini ProLock locking Bowens mount, and compact profile, the STORM 80c is a feature-packed versatile fixture suitable for a tremendous range of professional imaging applications from high-end film productions to small-crew video or photo shoots.

With the new BLAIR-CG chipset, the STORM 80c delivers exceptional brightness and color accuracy. The added Cyan and Green diodes allows the STORM 80c to cover 90%+ of the Rec.2020 color gamut, giving users access to a far greater range of saturated colors compared to the BLAIR chipset. The STORM 80c offers 19,850 lux @1m at 5,600K with its included hyper reflector while maintaining an SSI [P3200] of 88 and SSI [CIE D5600] of 84 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 wide CCT range of 1,800K-20,000K and advanced white-point control with green-magenta color correction (\pm G 100% 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 80c ensures flicker-free, color-accurate operation during shooting even at its lowest output level of <19.8lux @1m (5,600K). In addition, this dimming technology provides users with an unprecedented 0.1-100% stepless brightness control.

Armed with a newly designed Mini ProLock locking accessory mount, the STORM 80c can support compact modifiers designed specifically for the 80c or be adapted to a full-size Bowens mount while maintaining an easy coupling procedure 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, and Sidus Link/Sidus Link Pro® App control, the STORM 80c ensures seamless integration into professional lighting workflows at the lamp head and behind the console.

The STORM 80c ships with the new OSII operating system installed, which gives users a more seamless, quick, and intuitive user experience when operating the fixture.

With a rugged IP65 dust and weather resistant rating, the STORM 80c is capable of withstanding even the most demanding filming environments in inclement weather without any impact to performance or reliability.

Target Audience

The STORM 80c is a cutting-edge lighting fixture designed to cater to a diverse range of professionals within the film and photography industries calling for compact, color tunable, and versatile lights, including cinematographers, lighting technicians, videographers, and photographers.

For cinematographers, this advanced LED fixture offers a nifty lighting solution deployable in any shooting condition. Armed with the new BLAIR-CG light engine and IP65 weather resistance, the STORM 80c can be used to give color tunable and accurate hair and fill lights for subjects in any filming condition, rain or shine.

Lighting technicians will appreciate the STORM 80c's 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, and carries a small footprint on set.

Videographers benefit from the STORM 80c's output to size ratio, providing 20,185 lux at 5600K at 1 meter while weighing just under 3 pounds. With its versatile Mini ProLock Mount, videographers have the flexibility to quickly achieve their desired lighting looks with modifiers designed and optimized for the STORM 80c.

Photographers requiring a portable professional-grade lighting solution will find the STORM 80c to be an indispensable tool in their arsenal. With its small form factor and full color tunability, the STORM 80c 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 80c empowers you to elevate your craft with its high color accuracy, versatility, and reliability, ensuring exceptional results in every production or photo shoot.



STORM 80c Photometrics

CCT	Dis.	Bare COB	Hyper Reflector	Mini Lantern Diffuser
1,800K	1m	4,827 lux 430 fc	13,915 lux 1,236 fc	875 lux 79 fc
	3m	524 lux 49 fc	1,391 lux 129 fc	98 lux 9 fc
3,200K	1m	6,607 lux 614 fc	19,443 lux 1,807 fc	1,203 lux 112 fc
	3m	729 lux 68 fc	1,942 lux 181 fc	137 lux 13 fc
4,300K	1m	6,722 lux 625 fc	19,432 lux 1,806 fc	1,198 lux 111 fc
	3m	728 lux 68 fc	1,941 lux 180 fc	136 lux 13 fc
5,600K	1m	6,502 lux 604 fc	19,850 lux 1,845 fc	1,183 lux 110 fc
	3m	721 lux 67 fc	1,924 lux 179 fc	135 lux 13 fc
6,500K	1m	6,554 lux 609 fc	18,783 lux 1,746 fc	1,155 lux 107 fc
	3m	704 lux 65 fc	1,877 lux 174 fc	132 lux 12 fc
10,000K	1m	6,177 lux 574 fc	17,621 lux 1,638 fc	1,082 lux 101 fc
	3m	660 lux 61 fc	1,756 lux 163 fc	124 lux 11 fc
20,000K	1m	5,633 lux 524 fc	15,391 lux 1,431 fc	944 lux 88 fc
	3m	576 lux 54 fc	1,540 lux 143 fc	108 lux 10 fc

What's in the Box

Name	Qty
STORM 80c Lamp Head with Yoke	1
Mini ProLock Hyper Reflector	1
Mini Lantern Diffuser	1
Mini ProLock Mount Protection Cover	1
AC Power Adapter	1
AC Power Cable (4m)	1
Soft Carrying Case	1



STORM 80c Specifications

LED Chipset	BLAIR-CG	
CCT	1,800K – 20,000K	
Color Gamut Coverage	90%+ Rec.2020	
CRI	97	
TLCI	99	
CQS (5600K)	96	
CQS (3200K)	97	
SSI (Tungsten)	88	
SSI (D56)	84	
TM-30 RF (Average)	96	
TM-30 RG (Average)	103	
Max Power Consumption	100W	
Max Power Output	80W	
Weather Resistance Rating	IP65	
Native COB Beam Angle	60°	
Included Reflector Beam Angle	35°	
Operating Voltage	100V ~ 240V / 50-60 Hz	
DC Adapter Output	19V/5.3A	
V-Mount Battery Operating Voltage	14.4V	
USB-C Power Specifications	In 20V/5A; Out 5V/0.5A	
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	
Data Ports	USB-C, Locking 3-Pin DMX Terminal	
Firmware Upgradeable	Sidus Link, Sidus Link Pro, USB-C	
Screen Type	TFT	
Wireless Range	Sidus Bluetooth	≤100m / ≤262.5ft
	CRMX (TimoTwo)	≤100m / ≤262.5ft
Lamp Head Fan Noise Levels (at 1m)	Smart Mode	26.1 dBA
	High Mode	26.7 dBA
	Medium Mode	24.4 dBA
	Silent Mode	22.3 dBA
Dimensions	Lamp Head (Without Yoke)	10.1 x 10.4 x 14.7cm 4.0 x 4.1 x 5.8in
	Lamp Head (With Yoke)	16.7 x 22.5 x 14.7cm 6.6 x 8.9 x 5.8in
Weight	Lamp Head (Without Yoke)	1.01kg / 2.23lbs
	Lamp Head (With Yoke)	1.35kg / 2.98lbs
	AC Power Adapter	405g / 0.89lb