

APUTURE CS 32

SPECIFICATIONS

Optical Performance & Color:

LED Chipset:	BLAIR-CG Light Engine with Extended Red & Indigo emitters
CCT Range:	1,800K – 20,000K
Green-Magenta Adjustment:	±G 100% (Full ASC MITC Range)
Color Tuning Modes:	HSIC+, x/y coordinates, RGB, Daylight, and Tungsten
Color Accuracy:	CRI 97 TLCI 98
Fidelity Indices:	SSI (Tungsten/P3200): 93 SSI Daylight/D5600): 91–92 TM-30 Rf: 96 TM-30 Rg: 100
Color Gamut Coverage:	>90% of Rec.2020 color space
Maximum Output:	Up to 105,300 Lux @ 3 meters / 9.8 feet (at 5600K with medium reflector) [, 3, 4, 5]

Power & Electrical:

Max System Power Draw:	3,200W (Optimized to be the brightest light capable of running on a standard household outlet) [1]
Dual Power Modes:	High-Voltage/Full Power Mode: Utilizes a bare-lead cable for professional power systems or 220V household circuits to achieve full 3,200W output. Low-Voltage/Edison Mode: Automatically recognizes standard 110V/120V household Edison power cables, adjusting power draw (selectable 15-amp or 20-amp limits) to prevent tripped circuit breakers. [1, 2]

Connectivity & Control:

Control Protocols:	On-board control panel, Sidus Link App, Sidus Link Pro App, 16-bit DMX512, RDM, and LumenRadio CRMX (TimoTwo)
Dimming:	Continuous flicker-free dimming [1, 2, 3, 4]

Build & Mechanical Design:

Weather Resistance:	Complete IP65 rating (Dust and water-resistant lamp head, control box, and connection cables)
Accessory Mount:	Aputure Electronic Mount (Same heavy-duty ecosystem as the STORM XT52, supporting electronic modifiers)
Cooling System:	Intelligent active cooling
Form Factor:	Optimized for single-person transport and rigging [1, 2, 3, 4, 5]

Dimensions & Weight:

Lamp Head Weight:	17.0 kg / 37.5 lbs
Control Box Weight:	10.8 kg / 23.8 lbs
Lamp Head Dimensions:	36.0 × 39.7 × 33.1 cm / 15.6 x 14.2 x 13.0 in
Control Box Dimensions:	34.5 × 16.0 × 37.6 cm / 14.8 x 13.6 x 6.3