

APUTURE 700X

SPECIFICATIONS

Optical Performance & Color

LED Chipset:	BLAIR Light Engine
CCT Range:	2,500K – 10,000K
Green-Magenta Adjustment Range:	±G 100% (Full ASC MITC Range)
Color Accuracy:	CRI ≥95 TLCI ≥95
Fidelity Indices: SSI (Tungsten):	87 SSI (D56): 87 TM-30 Rf (Average): 95
(Average):	TM-30 Rg
Color Space Coverage:	100
Native Beam Angle:	>70% of Rec.2020 color space
Reflector Beam Angle:	58° (Bare COB)
Maximum Output:	35° (With included reflector)
	Up to 168,030 Lux @ 1 meter (at 5,600K with reflector) 18,670 Lux @ 3 meters [1, 2, 3, 4, 5, 6, 8]

Power & Electrical

Max Light Output Power:	700W
Max System Power Draw:	Up to 850W
Operating Voltage:	100V ~ 240V / 50-60 Hz
USB Power Port:	1x USB-A (5V / 0.5A output)
Battery Power Limitations:	Due to high 700W–850W consumption, standard V-mount block charging is not integrated into the control box. [1, 2, 3]

Connectivity & Control

Control Methods:	On-board, Sidus Link App (Bluetooth Mesh), Sidus Link Pro App, 5-Pin DMX512, RDM, LumenRadio CRMX (TimoTwo)
Dimming:	0.1% to 100%
Color Control Modes	Full Spectrum White, x/y coordinates, and Limited HSIC+ modes
Wireless Range:	Up to 100 meters / 328 feet (Bluetooth & CRMX)
Data Ports:	1x 5-Pin DMX Input, 1x 5-Pin DMX Output [1, 2, 3, 5, 6]

Build & Mechanical Design

Weather Resistance: resistant	Complete head-to-toe IP65 rating (dust and water- for lamphead, control box, and cables)
Accessory Mount:	Heavy-duty ProLock Locking Bowens Mount
Cooling:	Active cooling via internal heat sink and smart fan system
Operating Modes:	Constant Light Output mode & Max Output mode