

APUTURE 80C

SPECIFICATIONS

Optical Performance & Color :

CCT Range:	1,800K – 20,000K (with Full Green/Magenta tint control $\pm$ G 100%)
Color Accuracy:	CRI $\geq$ 97 TLCI $\geq$ 99 CQS 96 (at 5600K) / 97 (at 3200K)
Fidelity Indices:	SSI (Tungsten): 88 SSI (D56): 84 TM-30 Rf: 96 TM-30 Rg: 103
Color Space Coverage:	>90% of Rec.2020 color space
Native Beam Angle:	60° (Bare COB)
Reflector Beam Angle:	35° (With included Mini Reflector)
Maximum Output:	Up to 19,850 lux @ 1 meter (at 5,600K with reflector) [1, 2, 3, 4]

Power & Electrical:

Max Power Consumption:	100W
Max Power Output:	80W
AC Operating Voltage:	100V ~ 240V / 50-60 Hz
DC Input Voltage Range:	12V – 19V
DC Power Supply Specs:	19V / 5.3A output
V-Mount Battery Compatibility:	Operates on 14.4V batteries via optional plates
USB-C Port Spec:	20V/5A input (USB PD up to 100W) V/0.5A power output [1, 2, 3, 4, 5]

Connectivity & Control:

Control Methods:	On-board, Sidus Link App, Sidus Link Pro App, DMX, RDM, CRMX (TimoTwo)
Wireless Range:	Bluetooth (Sidus Link) <100m CRMX <100m
Data Ports:	1x Locking 3-Pin DMX In/Out Terminal, 1x USB Type-C
Display Type:	TFT Screen
Firmware Upgrades:	Via Sidus Link, Sidus Link Pro, or USB-C [1]

Build & Thermal Design:

Weather Resistance:	IP65 rating (dust and water-resistant) [1]
Accessory Mount:	Mini ProLock Bowens Mount [1]
Cooling:	Active cooling via heat sink and smart fan [1, 2, 3]
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 (or down to 0 dBA in full silent profile) [1, 2]

Dimensions & Weight:

Fixture Dimensions (w/o Yoke):	10.1 x 10.4 x 14.7 cm / 4.0 x 4.1 x 5.8 in
Fixture Dimensions (w/ Yoke):	16.7 x 22.5 x 14.7 cm / 6.6 x 8.9 x 5.8 in
Fixture Weight (w/o Yoke):	1.01 kg / 2.23 lbs
Fixture Weight (w/ Yoke):	1.35 kg / 2.98 lbs
AC Power Supply Weight:	405 g / 0.89 lbs
Operating Temperature:	-20°C to 45°C / -4°F to 113°F
Storage Temperature:	-40°C to 80°C / -40°F to 176°F