

APUTURE INFINIMAT 8X8 SPECIFICATIONS

Optical Performance & Color

CCT Range: 2,000K – 10,000K

CRI: ≥96

TLCI: ≥97

CQS: ≥95

SSI (Tungsten): 84

SSI (D56): 73

TM-30 RF (Average): 92

TM-30 RG (Average): 100

Dimming: 0.1% – 100% (Continuous, zero color shift)

Photometrics: 27,790 lux / 2,581 fc at 1 meter (measured at 5,600K)

Power Specifications

Max Power Output: 1,600W

Max Power Consumption: 2,000W

Operating Voltage (AC): 100V ~ 264V

Operating Voltage (DC1 & DC2): 12V-16.8V / 22V-33.6V

Compatible Control Box: INFINIMAT Control Box 1600W

Control & Connectivity

Pixel Count: 16 Pixels (arranged via a modular 2x2 grid matrix)

Control Methods: On-board, Sidus Link App, Sidus Link Pro, DMX/RDM, CRMX, etherCON

Network Protocols: Art-net & sACN via etherCON

Wireless Range: ≤100m / ≤328.1ft (Bluetooth & CRMX)

Firmware Upgrade: Via Sidus Link app or USB Flash Drive

Hardware & Inflation

Physical Frame Size: 8x8 ft (approx. 2.4 x 2.4 meters)

Inflation Time: 2 minutes (using the Air Pump Max)

Full Inflation Duration: 2 days (without needing a top-up)

Weather Resistance: IP65 Rated (Dust and water-resistant for all weather)

Operating Temperature: -20°C to 50°C / -4°F to 122°F

Storage Temperature: -20°C to 85°C / -4°F to 185°F

Weights & Dimensions

INFINIMAT 8x8 Mat: 32.00 kg / 70.55 lbs

Inflatable Clear Softbox: 9.20 kg / 20.28 lbs

Light Control Skirt: 3.45 kg / 7.61 lbs

Control Box 1600W: 19.38 kg / 42.73 lbs (separately packaged)