

APUTURE INFINIMAT 1X2 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%

Power Specifications

Max Power Output: 81W (100W light engine class)

Max Power Consumption: 111W

Operating Voltage (AC): 100V ~ 264V

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

Compatible Control Box: INFINIMAT Control Box 400W

Control & Connectivity

Pixel Count: 1 Pixel (Single Light Engine)

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

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

Firmware Upgrade: Via Sidus Link or USB Drive

Hardware & Inflation

Pixel Module Size: 1x2 ft

Inflation Time: 18 seconds (via Air Pump Mini)

Full Inflation Duration: 7 days (without topping up)

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

Operating Temperature: -20°C to 50°C

Weights & Dimensions

INFINIMAT 1x2 Mat: 66.00 x 34.00 cm (2.17 x 1.12 ft) | 1.00 kg / 2.2 lbs

Inflatable Clear Softbox: 66.00 x 34.00 x 17.00 cm | 0.59 kg / 1.30 lbs

Control Box 400W: 7.20 kg / 15.87 lbs

Air Pump Mini: 3.60 x 11.40 x 12.60 cm | 0.24 kg / 0.53 lbs

Fully Loaded Case: 11.54 kg / 25.44 lbs