



INFINIMAT 2x4 Kit Data Book

Main Features

- **Modular Full-Color RGBWW LED Mats with Inflatable Softboxes**
- 400W Power Supply
- Lamp Heads Designed With 1x2 Modules to Allow for **Easy Module Replacements**
- **Power and Control Multiple INFINIMATS** Using a Single Control Box
- **AC Power Passthrough** Enables Multiple 400W Power Supplies to Be **Daisy Chained** Via Neutrik PowerCon Cables
- INFINIMAT 400W Control Box Features **Dual V Mount Battery Mounts for Mobile Power**
- **Head-to-Toe IP65** Dust & Water-Resistant Rating for Lamp Head and Control Box
- **Inflatable Softbox Provides Structural Support** for Lamp Head, Diffusion, Light Control Grid, and Light Control Skirt
- **Automatic Pressure Release Valves** on Inflatable Softbox to Prevent Overfilling of Air
- **Included Air Bag Repair Patches** to Ensure Continued Operation of Softbox Even When Punctured
- **Included Light Control Grid and Light Control Skirt**
- >90% of Colors Within **Rec.2020 Color Space**
- **Fully Tunable CCT** from 2,000K to 10,000K
- Fully-Tunable **Green-Magenta Adjustment**
- **0.1-100% Stepless** Brightness Control – with Improved Low-End Dimming
- **Advanced HSI** with White Point CCT Control
- **Industry-standard xy** (CIE 1931), RGB, Light Source, & 300+ Gel Presets
- **Multiple Control Methods:** Sidus Link App Control, LumenRadio CRMX, Art-net & sACN via etherCON, 16-bit 5-Pin DMX512 In & Out
- **2 Output Modes:** Max & Constant



Product Description

The Aputure INFINIMATs is a family of full-color RGBWW pixelated LED light mats with inflatable softboxes. With multiple mat size options, head-to-toe IP65 weather resistance, and the ability to power and control multiple light mats using a single control box, the INFINIMAT family is an adaptable system of lights that are easily deployable in challenging filming environments where fixture weight and set up speed are of the utmost importance.

Each INFINIMAT is designed to seamlessly secure to an inflatable softbox of corresponding size using a hook-and-loop system around the border of the mats. The inflated softbox provides the structural support needed to hold the mat, lighting control grid, and skirt together when the entire unit is rigged overhead or on stands.

Each INFINIMAT also features multiple rigging methods. From a carbon fiber support bracket with a new K-Mount ball head terminating in an extended, knurled baby pin or a TVMP mount, to butterfly, Speed-Rail, and truss frames, all INFINIMATs can be rigged or supported using various methods. Coupled with multiple INFINIMAT sizes to choose from and the ability to stack mats together to create custom soft light source sizes, the INFINIMATs are one of the most versatile fixture families on the market.

Depending on the size of the INFINIMAT, users will have two control box options to choose from: a 400W or 1600W control box. Both control boxes can simultaneously power and control multiple lights at a time with power consumption levels up to the wattage of the control box. This improves cable management workflows as well as reduces the weight and complexity of rigged lighting set ups that call for multiple INFINIMATs. In addition, the 400W control boxes have AC power passthrough, which allow users to daisy chain multiple 400W control boxes together using Neutrik PowerCon cables. This AC power pass through feature further improves the cable management experience of running multiple INFINIMATs as users will only need to run one stinger to an entire array of INFINIMATs.

The INFINIMAT's full-color LED chipset is capable of expanded color controls across its wide 2,000K to 10,000K CCT range with green-magenta adjustment and >90% coverage of colors within the Rec. 2020 color space.

Designed for professional motion picture production, the INFINIMATs feature advanced connectivity options (including Sidus Link app control, LumenRadio CRMX, Art-net & sACN via etherCON, and 16-bit DMX512). And with their rugged IP65 dust and weather-resistant construction, the INFINIMATs can withstand the most demanding filming environments without compromising its performance or reliability.

Target Audience

The INFINIMATs are ideal for professional lighting technicians and filmmakers who need the most adaptable and brightest full-color LED mat with high rigging versatility and industry-leading color quality.

Professionals working on set will appreciate the cable management efficiency forethought found on the INFINIMATs. With the ability to power multiple lamp heads using a single control box along with AC power passthrough on the 400W control box, users will find managing multiple sets of AC power and head cable to be a much more efficient experience.

Lighting technicians who work in challenging shooting environments where weather resistance and fixture weight are critical decision-making factors will enjoy working with the INFINIMATs' head-to-toe IP65 rating and lightweight nature. With the added benefit of being stackable into custom light source dimensions, the INFINIMATs fill the role of an adaptable, highly maneuverable, and rugged soft light perfectly.

As a family of professional lights, the INFINIMATs can seamlessly sync into existing lighting control workflows with its LumenRadio CRMX, Art-net & sACN via etherCON, and 16-bit DMX512 controls. And with Sidus Link app control, users can easily achieve remote control of INFINIMATs when they are rigged in hard-to-reach places.

From commercials to feature film sets, the IP65-rated INFINIMATs are an industry-leading full-color LED mat family that belong on any professional film production with soft light needs.



INFINIMAT 2x4 Kit Photometrics

| CCT | Dis. | No Modifier | Inflatable Softbox | Inflatable Softbox + Grid |
|---------|------|------------------------|------------------------|---------------------------|
| 2,000K | 1m | 9,390 lux 873 fc | 8,500 lux 791 fc | 5,350 lux 498 fc |
| | 3m | 1,251 lux 116 fc | 939 lux 87 fc | 767 lux 71 fc |
| 3,200K | 1m | 11,060 lux 1,029 fc | 10,020 lux 932 fc | 6,220 lux 578 fc |
| | 3m | 1,459 lux 136 fc | 1,115 lux 104 fc | 890 lux 83 fc |
| 4,300K | 1m | 11,730 lux 1,091 fc | 10,500 lux 977 fc | 6,470 lux 602 fc |
| | 3m | 1,526 lux 142 fc | 1,170 lux 109 fc | 913 lux 85 fc |
| 5,600K | 1m | 12,510 lux 1,163 fc | 11,250 lux 1,046 fc | 7,010 lux 652 fc |
| | 3m | 1,630 lux 152 fc | 1,247 lux 116 fc | 988 lux 92 fc |
| 6,500K | 1m | 12,360 lux 1,149 fc | 11,160 lux 1,038 fc | 6,940 lux 645 fc |
| | 3m | 1,608 lux 150 fc | 1,234 lux 115 fc | 982 lux 91 fc |
| 10,000K | 1m | 11,060 lux 1,029 fc | 10,020 lux 932 fc | 6,220 lux 578 fc |
| | 3m | 1,439 lux 134 fc | 1,107 lux 103 fc | 877 lux 82 fc |

What's in the Box

| Name | Qty |
|--|-----|
| Carrying Case for INFINIMAT & Softbox Pack | 1 |
| Aputure INFINIMAT 2x4 | 1 |
| Aputure INFINIMAT 7.5m Head Cable (400W) | 1 |
| Aputure INFINIMAT Mounting Bracket 2x4 | 1 |
| Aputure K-Mount Arm w/ Straight 5/8" Pin | 1 |
| Aputure INFINIMAT Inflatable Softbox 2x4 | 1 |
| Aputure INFINIMAT Light Control Skirt 2x4 | 1 |
| Aputure INFINIMAT Light Control Grid 2x4 | 1 |
| Aputure INFINIMAT Patch Kit | 1 |
| Aputure INFINIMAT Air Pump Mini | 1 |
| Carrying Case for Control Box 400w Pack | 1 |
| Aputure INFINIMAT Control Box 400W (V or Gold Mount) | 1 |
| Aputure True1 AC Power Cable – 6m | 1 |
| Aputure K-Mount Style Mounting Clamp | 1 |

INFINIMAT 2x4 Specifications

| | | |
|--|---|--|
| CCT | 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 | |
| Max Power Consumption | 400W | |
| Max Power Output | 324W | |
| Weather Resistance Rating | IP65 | |
| Pixel Count | 4 pixels | |
| Pixel Module | 1x2 | |
| Softbox Inflation Time (Air Pump Mini) | 50 sec | |
| Softbox Inflation Time (Air Pump Max) | 6 sec | |
| Full-Inflation Duration | 7 days | |
| Operating Voltage | DC | 45V-50V |
| | V-Mount / Gold Mount | 14.4V, 26V, 28.8V |
| | AC | 100V ~ 264V |
| Operating Temperature | -20°C ~ 50°C | |
| Storage Temperature | -20°C ~ 85°C | |
| Control Methods | On-board, Sidus Link App, DMX/RDM, CRMX, etherCON | |
| Firmware Upgradeable | Sidus Link, USB Drive | |
| Wireless Range (Bluetooth & CRMX) | ≤100m / ≤328.1ft | |
| Control Box Type | INFINIMAT Control Box 400W | |
| Control Box Fan Noise Levels | High Speed Mode | 29.3 dBA |
| | Medium Speed Mode | 24.7 dBA |
| Weight | INFINIMAT 2x4 | 4.80kg / 10.58lbs |
| | INFINIMAT Air Pump Mini | 0.24kg / 0.53lbs |
| | Control Box 400W | 7.2kg / 15.87lbs |
| | Inflatable Softbox 2x4 | 1.22kg / 2.69lbs |
| | Light Control Skirt 2x4 | 0.81kg / 1.78lbs |
| | Light Control Grid 2x4 | 0.93kg / 2.04lbs |
| | Carrying Case (INFINIMAT & Softbox Pack 2x4) | 4.00kg / 8.82lbs |
| Carrying Case (Control Box 400W Pack) | 2.9kg / 6.39lbs | |
| Dimensions | INFINIMAT 2x4 | 122.00 x 63.50cm 4.00 x 2.08ft |
| | INFINIMAT Air Pump Mini | 3.60 x 11.40 x 12.60cm 1.42 x 4.49 x 4.96in |
| | Control Box 400W | 33.50 x 22.00 x 24.00cm 13.19 x 8.66 x 9.45in |
| | Inflatable Softbox 2x4 | 122.00 x 64.00 x 17.00cm 4.00 x 2.10 x 0.56ft |
| | Light Control Skirt 2x4 | 350.00 x 50.00cm 137.80 x 19.69in |
| | Light Control Grid 2x4 | 120.00 x 56.00cm 3.94 x 1.84ft |
| | Carrying Case (INFINIMAT & Softbox Pack 2x4) | 76.50 x 47.00 x 26.00cm 30.11 x 18.50 x 10.23in |
| | Carrying Case (Control Box 400W Pack) | 43.50 x 39.50 x 31.40cm 17.13 x 15.55 x 12.36in |



Sales & Shipping Information

| Shipping Information for Kit | | | | | | | | |
|-------------------------------------|------------|---------------|--------------|-----------|--------------|-----------------|-------------------|----------------------|
| Product Name | SKU | EAN | Dimension | Netweight | Gross weight | Carton Quantity | Packing Dimension | HS-code / Taric code |
| INFINIMAT 2x4 Kit (UK) | AP30039AR6 | | | | | / | | |
| INFINIMAT & Softbox Pack 2x4 (UK) | | 6971842187812 | 76x22x47cm | 16.4kg | 17.4kg | 1 | 78x27.4x48.8cm | 9405499000 |
| INFINIMAT Control Box 400w Kit (UK) | | 6971842189748 | 54.5x44x37cm | 11.6kg | 12.6kg | 1 | 78x27.4x48.8cm | 8537109090 |
| INFINIMAT 2x4 Kit (EU) | AP30039AR8 | | | | | / | | |
| INFINIMAT & Softbox Pack 2x4 (EU) | | 6971842187812 | 76x22x47cm | 16.4kg | 17.4kg | 1 | 78x27.4x48.8cm | 9405499000 |
| INFINIMAT Control Box 400w Kit (EU) | | 6971842189762 | 54.5x44x37cm | 11.6kg | 12.6kg | 1 | 78x27.4x48.8cm | 8537109090 |