



# INFINIBAR PB6 4-Light Kit

## Data Sheet

### Main Features

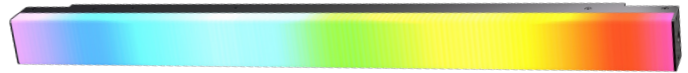
- **4-Light Kit of 2ft (60cm) 14W RGBWW Full Color LED Pixel Bars**
- **48 Individual Pixels** (Lighting Zones)
- **Infinite Blending Design** to Reduce Visible Gaps When Connecting Multiple Lights
- **Newly Designed Protective Hard Case** for Easy Transportation and Organized Storage of INFINIBAR PB6s and Accessories
- **10 Splicing Connectors** and **4 Passive Connectors**<sup>1</sup>
- **Share AC Power Over Multiple INFINIBARs** w/ Splicing Connectors
- Includes **INFINIBAR Clamp (Baby Pin) & Neodymium Magnets**, 1/4-20in Screw Mount
- **Frosted Diffusion Layer** for Smoother Light and Reduced Glare
- **Approx. 100 Min Battery Life** at Max Output (29.6Wh)
- **Simultaneously Charge Multiple INFINIBARs** with New 330W Power Adapter with 4-Way Splitters
- Includes **New 5.5mm DC Barrel Male to Male Power Cables** (20cm)
- Included **Hard Case** and **4x 45° Slip-On Light Control Grid**
- **Smart Battery Life Modes:** Adjust Runtime to 2/4/6/8 Hours
- **0-100% Brightness Control** in 0.1% Increments
- **Fully Tunable CCT** from **2,000K-10,000K + G/M Adjustment**
- **CRI: ≥96, TLCI: ≥98, TM-30 Rf (Avg.) = 94, TM-30 Rg (Avg.) = 103, SSI(D56) ≥74, SSI(Daylight) ≥85**
- ≥90% of Colors within **Rec.2020 Color Space**
- **Advanced HSI** with **White Point CCT Control**
- **Industry-standard xy** (CIE 1931), RGB, 300+ Gel Presets
- **Multiple Control Methods:** Sidus Link® App, DMX/RDM via USB-C<sup>2</sup>, LumenRadio CRMX
- **32 Built-In DMX Profiles:** Supports DMX Loss Behaviors
- **9 System FX:** Fireworks II, Fire II, Paparazzi II, Faulty Bulb II, TV III, Pulsing III, Cop Car III, Lightning III, Party II
- **7 Pixel FX:** Color Fade, Color Cycle, One Pixel Chase, Two Pixel Chase, Three Pixel Chase, Rainbow, Pixel Fire
- **Supports SidusPro® FX:** Including Manual FX, System FX, Picker FX, Magic Program, and Music FX
- Save up to **10 Custom FX** and **10 Music FX**
- **Frequency Selection** to Reduce Flicker
- **Optional Softbox** for Added Lighting Control

### INFINIBAR PB6 Photometrics

CCT	0.5m	1.0m
2,000K	635 lux / 59 fc	200 lux / 19 fc
2,700K	935 lux / 87 fc	282 lux / 26 fc
3,200K	940 lux / 87 fc	288 lux / 27 fc
4,300K	978 lux / 91 fc	301 lux / 28 fc
5,600K	1,026 lux / 95 fc	317 lux / 29 fc
6,500K	1,048 fc / 97 fc	328 lux / 30 fc
7,500K	1,046 lux / 97 fc	328 lux / 30 fc
10,000K	960 lux / 89 fc	288 lux / 27 fc
Red	189 lux / 16 fc	78 lux / 7 fc
Green	608 lux / 56 fc	188 lux / 17 fc
Blue	97 lux / 9 fc	39 lux / 4 fc

<sup>1</sup> Includes 4 Straight Connectors. Remaining 9 Connectors Sold Separately

<sup>2</sup> Aputure Active USB-C to 5-Pin DMX In & Out Adapter Sold Separately



### Product Description

The INFINIBAR PB6 4-Light Kit includes four of Aputure's 2-foot (60cm) full-color LED pixel bars efficiently packed in a protective case designed to also hold a comprehensive suite of INFINIBAR accessories. Featuring 48 pixels, intuitive mounting and connecting options with an infinite blending design, an integrated battery, and advanced connectivity methods, the INFINIBAR PB6 excels in constructing unique, colorful designs that bring scenes to life in new and exciting ways.

The 4-Light Kit expands this expansive multitool's capabilities, with not only four times the available light, but also additional DC male-to-male power cables, adapters, and light control grids in a sturdy hard case to extend your creative possibilities. And in addition to charging each light individually, the 4-Light Kit is equipped with a 330W Power Adapter with 4-Way Splitters that can simultaneously charge all fixtures in or out of the case.

The INFINIBAR's most unique feature is the ability to link multiple 1ft, 2ft, or 4ft INFINIBARs together using 10 differently-shaped connectors<sup>1</sup> to design creative shapes and effects. Users can operate multiple INFINIBARs using one power supply when linked by the power-sharing connectors or use their internal batteries for greater versatility. The pixel bar's infinite blending design also eliminates visible gaps between fixtures to create seamless pixelated effects using the PB6's 48 RGB pixels.

Featuring advanced wireless connectivity, the INFINIBAR PB6's 48 pixels can be grouped and controlled via Sidus Link, LumenRadio CRMX, or through wired DMX using Aputure's USB-C to DMX Adapter.<sup>2</sup> It also incorporates critical color controls (including advanced HSI with white-point adjustability, RGB, and xy) for full creative freedom. Toggle between 9 built-in System FX and 7 built-in Pixel FX, or save up to 20 Custom FX in the Sidus Link app for easy access to different light modes.

The INFINIBAR PB6's proprietary RGBWW chipset produces stunning color quality throughout its wide CCT range of 2,000K to 10,000K with full green-magenta adjustment and can reproduce >90% of colors within the Rec.2020 Color Space. Matching Aputure's high standards for color, the INFINIBAR PB6 also produces accurate skin tones, measuring scores of CRI: 96+, TLCI: 98+, SSI (D56): 74, and SSI (Tungsten): 85.

With its lightweight yet durable aluminum housing, the INFINIBAR PB6 provides ultimate flexibility across all shooting environments. Whether linked together or used independently, the INFINIBAR's built-in magnets, INFINIBAR Rail and Baby Pin Clamp system, and two 1/4-20in threads allow the PB6 to be mounted with ease. And with its built-in 59.2Wh Lithium battery, the INFINIBAR PB6 can operate at its 14W max output for 100 minutes, making it a versatile fixture for your lighting toolkit.

### What's in the Box

Name	Qty
INFINIBAR PB6	4
330W DC Power Adapter	1
48W DC Power Adapter (3m)	2
AC Locking Power Cable (1.5m)	3
5.5mm DC Barrel Male to Male Power Cable (20cm)	4
5.5mm DC Barrel 4-Way Splitter Cable	1
INFINIBAR Clamp to Baby Pin Adapter	4
INFINIBAR Straight Connector	4
1/4-20" Eyebolt	8
5mm Hex Wrench	1
INFINIBAR PB6 45° Light Control Grid	4
Hard Case	1



## Target Audience

The INFINIBAR PB6 4-Light Kit is ideal for cinematographers, lighting technicians, and lighting designers who need a portable and comprehensive set of highly adaptable linear lights.

The INFINIBARs are designed to be key lights, built directly into sets, or used with its connector ecosystem to create new shapes and designs, making these lights a great choice for professionals looking to create dynamic lighting setups.

Professionals who work on volume stages or in product cinematography, where detailed lighting and high pixel density are critical, would also benefit from the INFINIBAR PB6's 48 pixels across its 2-foot-long frame.

The 4-Light Kit gives professionals the additional tools they need to utilize more lights for building large arrays of unique lighting structures and supply power to multiple fixtures simultaneously with the larger power supply, all in a sturdy flight case that is ready for grip trucks and film sets.

The INFINIBAR PB6's flat illumination surface makes this light perfect for users who want a more directional light with less wrap but love the form factor of traditional 2-foot tube lights. Coupled with the included INFINIBAR PB6 control grids, these light be shaped even further while still maintaining a minimal footprint on set.

For users who require professional connectivity options, the INFINIBAR PB6 offers Sidus Link app control, LumenRadio CRMX, and DMX connectivity via an optional USB-C adapter.

The INFINIBAR PB6 4-Light Kit is the perfect light for any filmmaker or creator who needs a precise, pixel-capable fixture that offers a large suite of professional tools, wireless connectivity options, and limitless mounting and rigging possibilities.



## Sales & Shipping Information

Product Name	Aputure INFINIBAR PB6 4-Light Kit	
	SKU	UPC
US Plug	APM0300AX6	6971842187621
EU Plug	APM0300AX7	6971842187638
AU Plug	APM0300AX8	6971842187645
UK Plug	APM0300AX9	6971842187652
JP Plug	APM0300AXA	6971842187669
Packing Dimensions	81.5 x 48.0 x 27.0cm / 32.1 x 18.9 x 10.6in	
Net Weight	20.59kg / 45.39lbs	
Gross Weight	24.97kg / 55.05lbs	
Carton Quantity	1 pc	
Carton Dimensions	86.5 x 52.5 x 31.0cm / 34.1 x 20.7 x 12.2in	
Carton Weight	24.97kg / 55.05lbs	

## INFINIBAR PB6 4-Light Kit Specifications

CCT	2,000K – 10,000K	
CRI / TLCI	96+ / 98+	
CQS	96	
SSI (D56)	74	
SSI (Tungsten)	85	
TM-30 RF (Average)	94	
TM-30 RG (Average)	103	
Color Chipset	RGBWW	
Beam Angle (Half-Peak)	120°	
Lumens	1,110lm	
Max Power Output	14W	
Max Power Consumption	Fixture	18W
	48W PSU	20W
Operating Voltage & Current	Fixture	24V, 0.9A
	48W PSU	100V-240V 50/60Hz, 1.5A
	330W PSU	100V-240V 50/60Hz, 2.5A
Battery Capacity	7.4V, 4000mAh, 29.6Wh	
Battery Life	Approx. 100 Mins @ Max Output	
Charge Time	Approx. 120 Mins (24V/1A)	
Pixel Mapping	48 Pixels	
Operating Temperature	-10°C ~ 45°C / 14°F ~ 113°F	
Control Methods	Sidus Link App, DMX/RDM via USB-C <sup>1</sup> , LumenRadio CRMX	
Wireless Range	Bluetooth	≤80m / ≤262.5ft
	LumenRadio	≤100m / ≤328.1ft
IP Rating	IP 20	
Screen Type	OLED	
Firmware Upgradeable	Sidus Link, USB-C	
Cooling Method	Passive Cooling	
Mounting	INFINIBAR Rail	
Dimensions	Fixture	60.4 x 4.5 x 4.3cm / 23.8 x 1.8 x 1.7in
	Fixture + Spacer	60.4 x 4.5 x 5.2cm / 23.8 x 1.8 x 2.1in
	48W Power Supply	12.0 x 5.3 x 3.2cm / 4.7 x 2.1 x 1.3in
	330W Power Supply	19.8 x 9.9 x 3.0cm / 10.6 x 3.9 x 1.2in
	Clamp	12.2 x 5.5 x 4.0cm / 4.8 x 2.2 x 1.6in
	Flight Case	143 X 59 X 21cm / 56.30 x 23.22 x 8.27in
Weight	Fixture	1.0kg / 2.2lbs
	Fixture + Spacer	1.13kg / 2.49lbs
	48W Power Supply	0.49kg / 1.08lbs
	330W Power Supply	909g / 2.00lbs
	Clamp	0.27kg / 0.60lbs
	Flight Case (Empty)	20kg / 44.1lbs
Estimated LED Lifetime (L70)	50,000 Hours	
Est. Color Shift Over Lifetime	2% Over 6,000 Hours	
Certifications	CE, FCC, KC, NCC, ROHS, RCM, ICES, UKCA, PSE	

<sup>1</sup> Aputure Active USB-C to 5-Pin DMX In & Out Adapter Sold Separately