Aputure®

INFINIBAR PB6 8-Light Kit
Data Sheet

Main Features

- **8-Light Kit with 2ft** (60cm) **14W RGBWW Full Color LED Pixel Bar**
- **48 Independent Pixels** (Lighting Zones)
- **Infinite Blending Design** to Reduce Visible Gaps When Connecting Multiple Lights
- **10 Splicing Connectors**[1]: Straight, Triangle Flat, Triangle 3D, Hexagon Flat, Hexagon 3D, 3-Way Flat, 4-Way Flat, 6-Way Flat, Square Flat, Square 3D
- **Share AC Power Over Multiple INFINIBARs** w/ Splicing Connectors
- Mounting: **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 Included Power Adapter with 8-Way Splitters
- Included **Flight Case** and **8x 45° Slip-On Light Control Grids**
- **Smart Battery Life Mode:** Adjust Runtime to 2/4/6/8 Hours
- **0-100% Brightness Control** at 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[2], LumenRadio CRMX
- **29 Built-In DMX Profiles:** Supports DMX Loss Behaviors
- **9 Built-in Lighting FX:** Fireworks II, Fire II, Paparazzi II, Faulty Bulb II, TV III, Pulsing III, Cop Car III, Lightning III, Party II
- **7 Built-In 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

[1] INFINIBAR Includes 8 Straight Connectors. Remaining 9 Connectors Sold Separately
[2] Aputure Active USB-C to 5-Pin DMX In & Out Adapter Sold Separately

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

Product Description

The INFINIBAR PB6 8-Light Kit includes eight of Aputure's first 2-foot (60cm) full-color LED pixel bars. 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 8-Light Kit expands this mid-sized multitool's capabilities, with not only eight times the available light, but also additional power cables, adapters, and light control grids in a sturdy flight case to extend your creative possibilities. And in addition to charging each light individually, the 8-Light Kit is equipped with a 330W Power Adapter with 8-Way Splitters that can simultaneously charge all fixtures.

The INFINIBAR's most unique feature is the ability to link multiple 1ft, 2ft, or 4ft INFINIBARs together using 10 differently-shaped connectors[1] 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.[2] 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 ¼-20in threads allow the PB6 to be mounted with ease. And with its built-in 29.6Wh Lithium battery, the INFINIBAR PB6 can operate at its 14W max output for 100 minutes, making it a versatile and compact fixture for your lighting toolkit.

[1] INFINIBAR Includes 8 Straight Connectors. Remaining 9 Connectors Sold Separately
[2] Aputure Active USB-C to 5-Pin DMX In & Out Adapter Sold Separately

What's in the Box

Name	Qty
INFINIBAR PB6	8
48W DC Power Adapter (3m)	8
AC Locking Power Cable (4m)	1
AC Locking Power Cable (1.5m)	8
330W Power Adapter with 8-Way Splitters	1
Magnetic Spacer	16
INFINIBAR Clamp to Baby Pin Adapter	8
INFINIBAR Straight Connector	8
5mm Hex Wrench	1
INFINIBAR PB6 45° Light Control Grid	8
Flight Case	1

Target Audience

Aputure INFINIBARs are ideal lights for cinematographers and lighting designers who need adaptable and precise fixtures. 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 8-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 4-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 is the ultimate tool for any filmmaking professionals 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 8-Light Kit	
	SKU	**EAN**
EU Plug	APM0300AX2	6971842185634
UK Plug	APM0300AX4	6971842185658
Packing Dimensions	68.2 x 12.5 x 12.5cm 26.85 x 4.92 x 4.92in	
Net Weight	17.8kg / 39.24lbs	
Gross Weight	43.4kg / 95.68lbs	
Carton Quantity	1 pc	
Carton Dimensions	143 x 59 x 21cm 56.30 x 23.22 x 8.27in	
Carton Weight	43.4kg / 95.68lbs	

INFINIBAR PB6 8-Light Kit Specifications

CCT		2,000K – 10,000K
CRI		96+
TLCI		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
	Power Supply	20W
Operating Voltage & Current	Fixture	24V, 0.9A
	Power Supply	100V-240V 50/60Hz, 1.5A
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[1], 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
	AC Power Supply	12.0 x 5.3 x 3.2cm / 4.7 x 2.1 x 1.3in
	Clamp	12.2 x 5.5 x 4.0cm / 4.8 x 2.2 x 1.6in
	Case	68.2 x 12.5 x 12.5cm / 26.9 x 4.9 x 4.9in
Weight	Fixture	1.0kg / 2.2lbs
	Fixture + Spacer	1.13kg / 2.49lbs
	AC Power Supply	0.49kg / 1.08lbs
	Clamp	0.27kg / 0.60lbs
	Total	1.89kg / 4.17lbs
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

[1] Aputure Active USB-C to 5-Pin DMX In & Out Adapter Sold Separately