Aputure®

NOVA II 2x1 Data Book

Main Features

- 1000W output LED panel light fixture
- BLAIR-CG chipset: Blue, Lime, Amber, Indigo, Red, Cyan, Green diodes
- Advanced white point control with green/magenta color correction (±G 100% Full ASC MITC Range)
- CCT range of 1,800K-20,000K
- Bare bulb output: 28,380 lux @3m 5600K
- Included flat diffusion panel: 5,130 lux @3m 5600K
- Ultra-high color accuracy: CRI≥95, TLCI≥95, CQS [CIE D5600]≥96, SSI [P3200]: 90, SSI [CIE D5600]: 86, TM-30 Rf (avg) 95, TM-30 Rg (avg) 100
- New QuickClip direct front-mounting accessory ecosystem
- Features removable yoke for rigging flexibility
- High output to weight ratio: lamp head weight with yoke: 18.6kg / 41lbs
- IP65 weather resistance
- Pro control protocols: Sidus Link, Sidus Link Pro, DMX, CRMX, Art-Net/sACN
- 16-bit 5-Pin DMX512 in & out ports
- 2x Locking Ethernet Ports
- Smooth 0.1-100% stepless dimming
- Dual output modes: Max and Constant
- Lead-follow and studio mode
- 4 fan modes: Smart, High, Medium, Silent (DMX controllable)
- 4 dimming curves: Linear, Exponential, Logarithmic, S-shaped
- 15 built-in light effects
- 10 savable presets
- Supports batch firmware upgrades of lamps through Sidus Link Pro/Sidus Link, USB drive, and DMX
- High-resolution rear color display panel clearly communicates fixture status and settings

Target Audience

For professional gaffers and lighting technicians, the NOVA II 2x1 offers exceptional brightness, color accuracy, and control in a rugged, weather-resistant body. Its modular accessory system, removable yoke, and wide range of rigging and control options make it a flexible choice for complex on-set workflows. Studios and rental houses will value the NOVA II 2x1's combination of reliability, output, and ecosystem compatibility. Its robust build, IP65 rating, and Sidus Link Pro batch firmware updating streamline fleet management and ensure dependable performance across productions. Cinematographers will find the NOVA II 2x1 an essential tool for high-end film and television projects requiring consistent, color-accurate light that can match or contrast with ambient sources. With its powerful output, expansive CCT range, and exceptional fidelity, it delivers clean, reliable illumination for the most demanding visual storytelling.

Product Description

The Aputure NOVA II 2x1 is a next-generation full-color LED panel designed to set a new benchmark for professional film, television, and broadcast lighting. Building on the legacy of the Nova P600c, the NOVA II 2x1 delivers twice the output and an even greater degree of creative control, all within a rugged, IP65-rated body engineered for the most demanding production environments.

At its core lies Aputure's advanced BLAIR-CG chipset, a seven-diode architecture that combines Blue, Lime, Amber, Indigo, Red, Cyan, and Green emitters. This design unlocks precise spectral reproduction across an extended CCT range of 1,800K–20,000K, with full ±G green-magenta adjustment that conforms to the complete ASC MITC standard. For cinematographers and gaffers, this means unparalleled ability to match ambient light sources, fine-tune white point consistency, or push bold creative contrasts with absolute confidence.

With an immense 1000W of power, the NOVA II 2x1 produces 24,700 lux at 3 meters (5600K, bare bulb), outpacing nearly every LED panel in its class. Even with diffusion applied, it maintains exceptional punch and softness, supported by industry-leading fidelity metrics: CRI/TLCI ≥95, TM-30 Rf 95/Rg 100, and SSI scores of 90 (3200K) and 86 (5600K). Its newly developed direct front-mounting accessory system broadens creative possibilities while reducing the complexity of mounting slide-in modifiers on traditional panel lights , while a removable yoke ensures maximum flexibility when rigging on stages, trusses, or location builds.

Recognizing the practical realities of production, the NOVA II 2x1 introduces a host of refinements for reliability and ease of use. Multiple dimming curves, four fan modes, and dual output modes (Max and Constant) allow the fixture to adapt seamlessly to both silent sound stages and high-intensity exteriors. For long-term durability and fleet deployment, studios and rental houses can pair the fixture with an optional custom rolling hard case, providing professional-grade protection and transport security between jobs.

Control is equally robust, with compatibility across Sidus Link® and Sidus Link Pro®, 16-bit DMX512 in/out, CRMX, and USB or DMX batch firmware upgrades. Whether operating as a single key source or integrated into complex console-controlled networks, the NOVA II 2x1 ensures fast, reliable communication in line with modern production standards.

Sales & Shipping Information

Product Name	Aputure NOVA II 2x1	
	SKU	**EAN**
UK Plug (No Case)	AP0404040N	6977162458977
EU Plug (No Case)	AP0401040L	6977162458953
Packing Dimensions	89.9 x 50.4 x 35.4cm / 35.4 x 19.8 x 13.9in	
Net Weight	21.42kg / 47.22lbs	
Gross Weight	28.85kg / 63.60lbs	
Carton Quantity	1 pc	
Carton Dimensions	89.9 x 50.4 x 35.4cm / 35.4 x 19.8 x 13.9in	
Carton Weight	7.43kg / 16.38lbs	

Sales & Shipping Information

Product Name	Aputure NOVA II 2x1 Rolling Hard Case Kit	
	SKU	**EAN**
UK Plug (With Case)	AP0404031C	6977162458021
EU Plug (With Case)	AP0401031A	6977162458007
Packing Dimensions	94.1 x 37.2 x 66.4cm / 37.1 x 14.7 x 26.2in	
Net Weight	21.42kg / 47.22lbs	
Gross Weight	34.96kg / 76.92lbs	
Carton Quantity	1 pc	
Carton Dimensions	96.0 x 39.5 x 68.5cm / 37.8 x 15.6 x 27.0in	
Carton Weight	36.96kg / 81.32lbs	

*Specifications are preliminary and subject to change

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NOVA II 2x1 Photometrics

CCT	Dis.	No Modifier	Flat Diffuser	Dome Diffuser
1,800K	1m	85,100 lux 7,906 fc	18,100 lux 1,682 fc	17,020 lux 1,581 fc
	3m	12,170 lux 1,131 fc	2,268 lux 211 fc	2,085 lux 194 fc
2,500K	1m	163,900 lux 15,227 fc	34,800 lux 3,233 fc	32,700 lux 3,038 fc
	3m	23,520 lux 2185 fc	4,350 lux 404 fc	4,000 lux 372 fc
3,200K	1m	194,400 lux 18,060 fc	40,100 lux 3,725 fc	37,600 lux 3,493 fc
	3m	27,750 lux 2,578 fc	5,040 lux 468 fc	4,610 lux 428 fc
4,300K	1m	200,500 lux 18,627 fc	41,300 lux 3,837 fc	38,800 lux 3,605 fc
	3m	28,850 lux 2,680 fc	5,190 lux 482 fc	4,730 lux 439 fc
5,600K	1m	197,300 lux 18,330 fc	40,700 lux 3,781 fc	38,200 lux 3,549 fc
	3m	28,380 lux 2,637 fc	5,130 lux 477 fc	4,680 lux 435 fc
6,500K	1m	194,800 lux 18,098 fc	40,200 lux 3,735 fc	37,800 lux 3,512 fc
	3m	27,970 lux 2,599 fc	5,070 lux 471 fc	4,620 lux 429 fc
10,000K	1m	179,400 lux 16,667 fc	36,500 lux 3,391 fc	34,300 lux 3,187 fc
	3m	25,900 lux 2,406 fc	4,620 lux 429 fc	4,190 lux 389 fc
20,000K	1m	158,800 lux 14,753 fc	31,300 lux 2,908 fc	29,410 lux 2,732 fc
	3m	22,880 lux 2,126 fc	3,940 lux 366 fc	3,600 lux 334 fc

What's in the Box

Name	Qty
NOVA II 2x1 Lamp Head	1
Removable Yoke with Junior Pin	1
NOVA II 2x1 Flat Diffuser	1
AC Power Cable (6m)	1
Rolling Hard Case (OPTIONAL)	1

*Specifications are preliminary and subject to change

NOVA II 2x1 Specifications

LED Chipset		BLAIR-CG
CCT		1,800K – 20,000K
CRI		≥95
TLCI		≥95
SSI (Tungsten)		90
SSI (D56)		86
TM-30 RF (Average)		95
TM-30 RG (Average)		100
Max Power Consumption		1,250W
Max Power Output		1,000W
Weather Resistance Rating		IP65
Native Beam Angle		35º
Included Flat Diffuser Beam Angle		95º
Pixel Count		2 pixels
AC Operating Voltage		100V ~ 240V / 50-60 Hz
Operating Temperature		-20ºC ~ 45ºC / -4ºF ~ 113ºF
Storage Temperature		-40ºC ~ 85ºC / -40ºF ~ 176ºF
Control Methods		On-board, Sidus Link, Sidus Link Pro, DMX512-A, LumenRadio CRMX, Art-Net/sACN, RDM
Control Ports		1x 5-pin DMX in, 1x 5-pin DMX out, 2x locking Ethernet ports
Firmware Upgradeable		Sidus Link, Sidus Link Pro, USB-A
Wireless Range (Bluetooth & CRMX)		≤100m / ≤328.1ft
Cooling Method		Active (onboard fans)
Lamp Head Fan Noise Levels	Smart Mode	Variable
	High Speed Mode	40 dBa
	Medium Speed Mode	35 dBa
	Silent Mode	0 dBa
Weight	Lamp Head (Without Yoke)	16.25kg / 35.83lbs
	Removable Yoke with Junior Pin	2.40kg / 5.29lbs
	Flat Diffuser	2.00kg / 4.45lbs
	AC Power Cable (6m)	0.80kg / 1.76lbs
	Rolling Hard Case (Optional)	2.02kg / 4.45lbs
Dimensions	Lamp Head (Without Yoke)	69.1 x 38.8 x 13.6cm 27.2 x 15.3 x 5.4in
	Lamp Head (With Yoke)	82.9 x 56.6 x 15.4cm 32.7 x 22.3 x 6.1in
	Flat Diffuser	68.4 x 37.5 x 4.0cm 26.9 x 14.8 x 1.6in
	Rolling Hard Case (Optional)	94.1 x 37.2 x 66.4cm 37.1 x 14.7 x 26.2in