Aputure®

NOVA II 1x1 Data Book

Main Features

- 500W 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: 13,300 lux @3m 5600K
- Included flat diffusion panel: 2,466 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: 11.35 kg / 25.02 lbs
- 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

The NOVA II 1x1 is designed for cinematographers, gaffers, and lighting technicians who need a compact, high-performance LED panel capable of delivering professional-grade results in any environment. Ideal for film, television, commercial, and broadcast productions, it provides the perfect balance of portability, precision, and power. It offers the same color accuracy and control as the larger NOVA II 2x1 in a smaller, more portable form factor. Its weather-sealed, IP65-rated design makes it suited for indoor studio setups as well as demanding exterior shoots. Its integration with Sidus Link®, DMX, CRMX, and Art-Net/sACN ensures seamless control across both single-fixture and large lighting networks. Whether used as a key, fill, or effects source, the NOVA II 1x1 empowers lighting professionals to achieve consistent, creative results with confidence and efficiency.

Product Description

The Aputure NOVA II 1x1 is a next-generation full-color LED panel designed to redefine what a compact professional lighting fixture can achieve. Building on the legacy of the Nova P300c, the NOVA II 1x1 delivers more than twice the diffused output and greater creative control than its predecessor, all within a rugged, IP65-rated housing engineered for the most demanding film, television, and broadcast environments.

At its core lies Aputure's advanced BLAIR-CG color engine, a seven-diode architecture combining Blue, Lime, Amber, Indigo, Red, Cyan, and Green emitters. This design achieves exceptional spectral accuracy and natural color reproduction across an expansive 1,800K–20,000K CCT range, with full ASC MITC ±G green-magenta control. The result is a light that offers unmatched flexibility for fine-tuning white balance, matching practical sources, or achieving consistent skin tone reproduction in any lighting environment.

With a 500W output, the NOVA II 1x1 produces an impressive 13,300 lux at 3 meters (5600K, bare bulb), making it one of the brightest fixtures in its class. Even when paired with its included flat diffusion panel, it maintains smooth, even luminance and exceptional color fidelity, supported by industry-leading metrics: CRI/TLCI ≥95, TM-30 Rf 95/Rg 100, and SSI scores of 90 (3200K) and 86 (5600K). This blend of power and precision allows lighting technicians to achieve both crisp key lighting and soft, flattering fill from a single, compact source.

Designed with versatility in mind, the NOVA II 1x1 introduces Aputure's QuickClip front-mounting accessory ecosystem, streamlining the process of attaching modifiers directly to the fixture without traditional slide-in frames. Its removable yoke and lightweight 11.35 kg (25.02 lb) body make it ideal for rigging on trusses, stands, or ceilings, while maintaining a balanced form factor optimized for travel and on-set flexibility.

Built for professional control and durability, the NOVA II 1x1 offers Sidus Link® and Sidus Link Pro® wireless operation, along with 16-bit DMX512, CRMX, and Art-Net/sACN. Whether used as a standalone key light or integrated into complex lighting networks, it ensures reliable communication and intuitive operation that meets the needs of modern productions.

With its compact size, robust output, and unmatched color accuracy, the NOVA II 1x1 stands as the definitive small-format panel for professionals seeking uncompromising performance and creative control in a portable, weather-sealed design.

Sales & Shipping Information

Product Name	Aputure NOVA II 1x1
	EAN
EU Plug (No Case)	6977162458908
UK Plug (No Case)	6977162458922
Packing Dimensions	57.6 x 35.8 x 51.0 cm / 22.7 x 14.1 x 20.1 in
Net Weight	13.30 kg / 29.32 lbs
Gross Weight	19.20 kg / 42.33 lbs
Carton Quantity	1 pc
Carton Dimensions	57.6 x 35.8 x 51.0 cm / 22.7 x 14.1 x 20.1 in
Carton Weight	4.65kg / 10.14lbs

Sales & Shipping Information

Product Name	Aputure NOVA II 1x1 Rolling Hard Case Kit
	EAN
EU Plug (With Case)	6977162458052
UK Plug (With Case)	697716245808
Packing Dimensions	69.0 x 38.5 x 67.9 cm / 27.2 x 15.2 x 26.7 in
Net Weight	12.45 kg / 27.45lbs
Gross Weight	28.15 kg / 62.06 lbs
Carton Quantity	1 pc
Carton Dimensions	69.0 x 38.5 x 67.9 cm / 27.2 x 15.2 x 26.7 in
Carton Weight	4.65kg / 10.14lbs

*Specifications are preliminary and subject to change

Aputure®

NOVA II 1x1 Photometrics

CCT	Dis.	No Modifier	Flat Diffuser
1,800K	3m	6,320 lux 587 fc	1187 lux 110 fc
	5m	2,340 lux 217 fc	453 lux 42 fc
2,500K	3m	11,670 lux 1,084 fc	2,186 lux 203 fc
	5m	4,320 lux 401 fc	834 lux 77 fc
3,200K	3m	13,160 lux 1,223 fc	2,457 lux 228 fc
	5m	4,870 lux 452 fc	938 lux 87 fc
4,300K	3m	13,530 lux 1,257 fc	2,516 lux 234 fc
	5m	5,010 lux 465 fc	960 lux 89 fc
5,600K	3m	13,300 lux 1,236 fc	2,466 lux 229 fc
	5m	4,920 lux 457 fc	941 lux 87 fc
6,500K	3m	13,100 lux 1,217 fc	2,424 lux 225 fc
	5m	4,840 lux 450 fc	925 lux 86 fc
10,000K	3m	11,950 lux 1,110 fc	2,204 lux 205 fc
	5m	4,420 lux 411 fc	842 lux 78 fc
20,000K	3m	10,580 lux 983 fc	1,947 lux 181 fc
	5m	3,910 lux 363 fc	744 lux 69 fc

What's in the Box

Name	Qty
NOVA II 1x1 Lamp Head	1
NOVA 1x1 Removable Yoke with Junior Pin	1
NOVA 1x1 Flat Diffuser	1
AC Power Cable (6m)	1
Safety Chain (50cm)	1
NOVA 1x1 Rolling Hard Case (OPTIONAL)	1

*Specifications are preliminary and subject to change

NOVA II 1x1 Specifications

LED Chipset	BLAIR-CG
CCT Range	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	650W
Max Power Output	500W
Weather Resistance Rating	IP65
Native Beam Angle	35º
Included Flat Diffuser Beam Angle	95º
Pixel Count	1 pixel
AC Operating Voltage	100V ~ 240V / 50-60 Hz
Operating Temperature	-20ºC ~ 50ºC / -4ºF ~ 122ºF
Storage Temperature	-40ºC ~ 80ºC / -40ºF ~ 176ºF
Control Methods	On-board, Sidus Link, Sidus Link Pro, DMX512, CRMX, Art-Net/sACN, RDM
Control Ports	1x 5-pin DMX in, 1x 5-pin DMX out, 2x locking RJ45
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 (at 1m)	Smart Mode	Variable
	High Speed Mode	40 dBa
	Medium Speed Mode	35 dBa
	Silent Mode	0 dBa
Weight	Lamp Head (Without Yoke)	9.55 kg / 21.05 lbs
	Removable Yoke with Junior Pin	1.80 kg / 3.97 lbs
	Flat Diffuser	1.35 kg / 2.98 lbs
	AC Power Cable (6m)	0.80 Kg / 1.76 lbs
	Rolling Hard Case (Optional)	12.45 kg / 27.45 lbs
Dimensions	Lamp Head (Without Yoke)	39.1 x 40.8 x 14.3 cm 15.4 x 16.0 x 5.6 in
	Lamp Head (With Yoke)	49.2 x 57.9 x 15.6 cm 19.4 x 22.8 x 6.1 in
	Flat Diffuser	38.5 x 39.5 x 3.9 cm 15.2 x 15.5 x 1.6 in
	Rolling Hard Case (Optional)	64.6 x 37.1 x 65.8 cm 25.4 x 14.6 x 25.9 in