



NOVA 9° 2x1 Data Book

Main Features

- 650W output lensed LED panel light fixture
- Tight 9° native beam angle throws light across great distances effortlessly
- BLAIR chipset: Blue, Lime, Amber, Indigo, Red diodes
- Advanced white point control with green/magenta color correction (\pm G 100% Full ASC MITC Range)
- Stackable into a powerful 3-light yoke configuration that can contend with natural daylight
- 4 horizontal pixel zones for ultra smooth, versatile pixel effect transitions
- CCT range of 1,800K-20,000K
- Bare bulb output: 66,200 lux @3m 5600K
- Included flat diffusion panel: 2,423 lux @3m 5600K
- Ultra-high color accuracy: CRI \geq 95, TLCI \geq 95, CQS [CIE D5600] \geq 96, SSI [P3200]: 89, 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: 19.65 kg / 43.32 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 9° 2x1 is built for cinematographers, gaffers, and lighting designers who demand precise, high-intensity light control for film, television, and commercial production. Ideal for professionals who need to recreate realistic sunlight, shape hard shadows, or achieve long-throw illumination on set, it excels in scenarios where traditional panel lights lack focus or power. Its compact 2x1 form factor, shared accessory ecosystem, and IP65-rated durability make it equally suited for studio installations, stage productions, and demanding on-location environments. Whether used as a single directional key, stacked array, or specialized hard source, the NOVA 9° 2x1 empowers crews to deliver cinematic sunlight anywhere.

Sales & Shipping Information

Product Name	Aputure NOVA 9° 2x1
	EAN
EU Plug (No Case)	6978714710482
UK Plug (No Case)	6978714710505
Packing Dimensions	89.8 x 35.4 x 50.4 cm / 35.4 x 14.0 x 19.8 in
Net Weight	22.49 kg / 49.58 lbs
Gross Weight	29.928 kg / 65.97 lbs
Carton Quantity	1 pc
Carton Dimensions	89.8 x 35.4 x 50.4 cm / 35.4 x 14.0 x 19.8 in
Carton Weight	29.93 kg / 65.97 lbs



Product Description

The Aputure NOVA 9° 2x1 is a high-output, lensed LED panel designed to replicate the power and precision of natural sunlight in a compact, portable form factor. Featuring an ultra-tight 9° native beam angle and a BLAIR chipset, the NOVA 9° 2x1 delivers exceptional long-throw performance, enabling filmmakers to project crisp, directional beams and hard shadows across great distances with remarkable intensity and control.

At its core lies Aputure’s advanced BLAIR color engine, a five-diode architecture that blends Blue, Lime, Amber, Indigo, and Red emitters for extraordinary spectral reproduction. This chipset achieves ultra-high color accuracy (CRI/TLCI \geq 95, SSI 89/86) and precise white point control across an expansive 1,800K–20,000K CCT range, with full ASC MITC \pm G green-magenta adjustment. The result is unparalleled flexibility for matching ambient sources, enhancing skin tones, or creating unlike color rendition with extended red response.

With a native beam angle of just 9°, the NOVA 9° 2x1 focuses its output into a powerful, concentrated shaft of light that maintains intensity over long distances, ideal for simulating sunlight through windows, using with reflectors, or achieving defined shadow edges and specular highlights. Even when paired with its included flat diffusion panel, it retains exceptional punch and smooth luminance distribution for controlled softness.

Engineered for scalability, the NOVA 9° 2x1 can be stacked in multi-light yoke configurations to form large, directional arrays capable of recreating hard daylight effects at 10 meters or more. Sharing the same dimensions and QuickClip front-mounting ecosystem as the NOVA II 2x1, it offers full accessory compatibility and a removable yoke for flexible rigging in studios, truss grids, or on-location builds.

Built for professional reliability, the NOVA 9° 2x1 features IP65 weather resistance, dual output modes (Max and Constant), four DMX-controllable fan modes, and a smooth 0.1–100% dimming range for precise exposure control. Its interface and connectivity options meet modern production standards with Sidus Link®, Sidus Link Pro®, DMX512 16-bit in/out, CRMX, and Art-Net/sACN.

With a high output-to-weight ratio (x kg / x lbs), durable weather-sealed housing, and seamless integration into the Sidus ecosystem, the NOVA 9° 2x1 is purpose-built for cinematographers and gaffers seeking the narrowest, most color-accurate beam in a portable LED panel form factor. Whether used as a single source or as part of a massive light wall array, the NOVA 9° 2x1 delivers the clarity, throw, and spectral precision needed to replicate the sun itself.

Sales & Shipping Information

Product Name	Aputure NOVA 9° 2x1 Rolling Hard Case Kit
	EAN
EU Plug (With Case)	6978714710536
UK Plug (With Case)	6978714710550
Packing Dimensions	96.5 x 38.7 x 68.5 cm / 38.0 x 15.2 x 27.0 in
Net Weight	22.49 kg / 49.58 lbs
Gross Weight	36.03 kg / 79.43 lbs
Carton Quantity	1 pc
Carton Dimensions	96.5 x 38.7 x 68.5 cm / 38.0 x 15.2 x 27.0 in
Carton Weight	42.52 kg / 93.74 lbs

*Specifications are preliminary and subject to change



NOVA 9° 2x1 Photometrics

CCT	Dis.	No Modifier	Flat Diffuser
1,800K	3m	43,400 lux 4,035 fc	1,594 lux 149 fc
	5m	19,590 lux 1,819 fc	615 lux 57 fc
2,500K	3m	56,300 lux 5,231 fc	2,057 lux 192 fc
	5m	25,410 lux 2,365 fc	794 lux 74 fc
3,200K	3m	62,300 lux 5,783 fc	2,278 lux 211 fc
	5m	28,090 lux 2,611 fc	879 lux 82 fc
4,300K	3m	66,600 lux 6,180 fc	2,436 lux 227 fc
	5m	29,980 lux 2,786 fc	940 lux 87 fc
5,600K	3m	66,200 lux 6,147 fc	2,423 lux 226 fc
	5m	29,730 lux 2,765 fc	935 lux 87 fc
6,500K	3m	65,300 lux 6,070 fc	2,390 lux 223 fc
	5m	29,270 lux 2,719 fc	924 lux 86 fc
10,000K	3m	60,700 lux 5,646 fc	2,227 lux 206 fc
	5m	27,150 lux 2,524 fc	859 lux 80 fc
20,000K	3m	54,200 lux 5,033 fc	1,992 lux 186 fc
	5m	24,210 lux 2,249 fc	769 lux 71 fc

What's in the Box

Name	Qty
NOVA 9° 2x1 Lamp Head	1
NOVA 2x1 Removable Yoke with Junior Pin	1
NOVA 2x1 Flat Diffuser	1
AC Power Cable (6m)	1
Safety Chain (50cm)	1
NOVA 2x1 Rolling Hard Case (OPTIONAL)	1



NOVA 9° 2x1 Specifications

LED Chipset	BLAIR	
CCT Range	1,800K – 20,000K	
CRI	≥95	
TLCI	≥95	
SSI (Tungsten)	89	
SSI (D56)	86	
TM-30 RF (Average)	95	
TM-30 RG (Average)	100	
Max Power Consumption	800W	
Max Power Output	650W	
Weather Resistance Rating	IP65	
Native Beam Angle	9°	
Included Flat Diffuser Beam Angle	80°	
Pixel Count	4 pixel	
AC Operating Voltage	100V ~ 240V / 50-60 Hz	
Operating Temperature	-20°C ~ 50°C / -4°F ~ 122°F	
Storage Temperature	-40°C ~ 80°C / -40°F ~ 176°F	
Control Methods	Onboard, 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 Upgrade Methods	Sidus Link, Sidus Link Pro, USB-A	
Wireless Range (Bluetooth & CRMX)	≤100m / ≤328.1ft	
Cooling Method	Active (onboard fans)	
Lamp Head Fan Noise Levels @ 1m	Smart Mode	Variable
	High Speed Mode	40 dBA
	Medium Speed Mode	35 dBA
	Silent Mode	0 dBA
Weight	Lamp Head (Without Yoke)	17.25 kg / 38.03 lbs
	Removable Yoke with Junior Pin	2.40kg / 5.29lbs
	Flat Diffuser	2.00kg / 4.45lbs
	AC Power Cable (6m)	0.80 Kg / 1.76 lbs
	Rolling Hard Case (Optional)	13.54 kg / 29.79 lbs
Dimensions	Lamp Head (Without Yoke)	69.1 × 38.8 × 13.6 cm 27.2 × 15.3 × 5.4 in
	Lamp Head (With Yoke)	82.9 × 56.6 × 15.4 cm 32.7 × 22.3 × 6.1 in
	Flat Diffuser	68.4 × 37.5 × 4.0 cm 26.9 × 14.8 × 1.6 in
	Rolling Hard Case (Optional)	94.1 × 37.2 × 66.4 cm 37.1 × 14.7 × 26.2 in

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