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 (±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≥96, TLCI≥96, CQS [CIE D5600]≥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
- Flicker-free at any framerate above 20% output, & up to 250FPS below 20%
- 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.

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 ≥96, SSI 89/86) and precise white point control across an expansive 1,800K–20,000K CCT range, with full ASC MITC ±G green-magenta adjustment. The result is unparalleled flexibility for matching ambient sources, enhancing skin tones, or creating sunlike 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 (19.65 kg / 43.32 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	
	SKU	UPC
US Plug (No Case)	AP0400044P	00850065294056
EU Plug (No Case)	AP0401044Q	6978714710482
AU Plug (No Case)	AP0403044R	6978714710499
UK Plug (No Case)	AP0404044S	6978714710505
JP Plug (No Case)	AP0402044T	6978714710512
CN Plug (No Case)	AP0405044N	6978714710475
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	29.93 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	

Sales & Shipping Information

Product Name	Aputure NOVA 9° 2x1 Rolling Hard Case Kit	
	SKU	UPC
US Plug (With Case)	AP0400044V	00850065294063
EU Plug (With Case)	AP0401044W	6978714710536
AU Plug (With Case)	AP0403044X	6978714710543
UK Plug (With Case)	AP0404044Y	6978714710550
JP Plug (With Case)	AP04020450	6978714710567
CN Plug (With Case)	AP0405044U	6978714710529
Packing Dimensions	96.5 x 38.7 x 68.5 cm / 38.0 x 15.2 x 27.0 in	
Net Weight	36.03 kg / 79.43 lbs	
Gross Weight	42.52 kg / 93.74 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	

Aputure®

NOVA 9° 2x1 Photometrics

CCT	Dis.	No Modifier	Flat Diffuser	Dome Diffuser (Heavy Frost)	Dome Diffuser (Light Frost)
1,800K	5m	19,590 lux 1,819 fc	615 lux 57 fc	1,474 lux 137 fc	1,700 lux 158 fc
	10m	5,030 lux 467 fc	-	-	-
	20m	1,329 lux 123 fc	-	-	-
2,500K	5m	25,410 lux 2,365 fc	794 lux 74 fc	1,993 lux 185 fc	2,283 lux 212 fc
	10m	7,090 lux 659 fc	-	-	-
	20m	1,881 lux 175 fc	-	-	-
3,200K	5m	28,090 lux 2,611 fc	879 lux 82 fc	2,181 lux 203 fc	2,489 lux 231 fc
	10m	7,660 lux 712 fc	-	-	-
	20m	2,040 lux 190 fc	-	-	-
4,300K	5m	29,980 lux 2,786 fc	940 lux 87 fc	2,347 lux 218 fc	2,675 lux 249 fc
	10m	8,340 lux 775 fc	-	-	-
	20m	2,229 lux 207 fc	-	-	-
5,600K	5m	29,730 lux 2,765 fc	935 lux 87 fc	2,345 lux 218 fc	2,660 lux 247 fc
	10m	8,320 lux 773 fc	-	-	-
	20m	2,229 lux 207 fc	-	-	-
6,500K	5m	29,270 lux 2,719 fc	924 lux 86 fc	2,318 lux 215 fc	2,620 lux 243 fc
	10m	8,220 lux 764 fc	-	-	-
	20m	2,203 lux 205 fc	-	-	-
10,000K	5m	27,150 lux 2,524 fc	859 lux 80 fc	2,152 lux 200 fc	2,432 lux 226 fc
	10m	7,660 lux 712 fc	-	-	-
	20m	2,064 lux 192 fc	-	-	-
20,000K	5m	24,210 lux 2,249 fc	769 lux 71 fc	1,941 lux 180 fc	2,193 lux 204 fc
	10m	6,920 lux 643 fc	-	-	-
	20m	1,863 lux 173 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		≥96
TLCI		≥96
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)	14.00 kg / 30.86 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 x 37.5 × 4.0 cm 26.9 × 14.8 × 1.6 in
	Rolling Hard Case (Optional)	94.1 x 37.2 x 66.4 cm 37.1 x 14.7 x 26.2 in

NOVA 9° 2x1 3-Light Kit

Main Features

- **3-Light Kit** of NOVA 9° 2x1 with NOVA 2x1 3-Light Yoke
- Build a **vertical array** of three NOVA 9° 2x1s to **mimic natural sun beam**
- NOVA 9° 2x1 lamp heads stack closely together, ensuring smooth shadows past 15 meters (49.2 feet)
- Yoke terminates in a **standard 1-1/8" junior pin**

Specifications

3-Light Array Dimensions (Fully Assembled)	105.2 x 153.0 x 18.6cm 41.4 x 60.2 x 7.3in
3-Light Array Weight (Fully Assembled)	64.95 kg / 143.19 lbs

Photometrics

CCT	Dis.	NOVA 9° 3-Light Array, No Modifier	NOVA 9° 3-Light Array, Flat Diffuser
1,800K	10m	14,120 lux 1,312 fc	638 lux 59 fc
	20m	3,800 lux 353 fc	145 lux 13.5 fc
2,500K	10m	18,920 lux 1,758 fc	849 lux 79 fc
	20m	5,060 lux 470 fc	194 lux 18 fc
3,200K	10m	21,070 lux 1,957 fc	935 lux 87 fc
	20m	5,630 lux 523 fc	210 lux 20 fc
4,300K	10m	22,820 lux 2,120 fc	1015 lux 94 fc
	20m	6,100 lux 567 fc	234 lux 22 fc
5,600K	10m	22,710 lux 2,111 fc	1,011 lux 94 fc
	20m	6,060 lux 563 fc	232 lux 22 fc
6,500K	10m	22,470 lux 2,087 fc	998 lux 93 fc
	20m	6,010 lux 558 fc	229 lux 21 fc
10,000K	10m	20,850 lux 1,936 fc	926 lux 86 fc
	20m	5,590 lux 519 fc	212 lux 20 fc
20,000K	10m	18,650 lux 1,733 fc	823 lux 76 fc
	20m	4,980 lux 463 fc	190 lux 18 fc

Product Description

The NOVA 9° 2x1 3-Light Kit is a complete package of NOVA 9° 2x1s that allows users to build a refined 3-light array of NOVA 9° 2x1s. This array enables users to mimic natural sunbeam as the NOVA 9° 2x1 lamp heads stack closely together, ensuring smooth output blending past 15 meters (49.2 feet). Each NOVA 9° 2x1 can be daisy-chained for power and control via two included Neutrik PowerCON AC passthrough cables and two included 1 meter 5-Pin DMX male to female jumper cables. Using the two included C-clamps, users can also hang this 3-light array from truss or Speed Rail infrastructure.

What's in the Box

Name	Qty
NOVA 9° 2x1 Lamp Head	3
NOVA 2x1 Removable Yoke with Junior Pin	3
NOVA 2x1 Flat Diffuser	3
AC Power Cable (6m)	3
Safety Chain (50cm)	3
NOVA 2x1 3-Light Yoke	1
C-Clamp with Riser	2
5-Pin XLR Male to Female DMX Cable (1.0m)	2
NAC3F-TRUE1-L to NAC3M-TRUE1-L AC Power Passthrough Cable (0.9m)	2
Safety Chain (1.3m)	2
RCAC3F-X Bare Ends AC Power Cable (6m) (20A Max)	1

Sales & Shipping Information

Product Name	Aputure NOVA 9° 2x1 3-Light Kit	
	SKU	UPC
US Plug (With Case)	AG0400049A	Please refer to NOVA 9ª 2x1 and NOVA 2x1 3-Light Yoke Kit data sheets for UPC.
EU Plug (With Case)	AG0401049B	
AU Plug (With Case)	AG0403049F	
UK Plug (With Case)	AG0404049H	
JP Plug (With Case)	AG0402049E	
CN Plug (With Case)	AG0405049G	
Packing Dimensions	Please refer to NOVA 9ª 2x1 and NOVA 2x1 3-Light Yoke Kit data sheets for shipping weights and dimensions..	
Net Weight		
Gross Weight		
Carton Quantity		
Carton Dimensions		
Carton Weight		

NOVA 9° 2x1 Accessories

NOVA 2x1 3-Light Yoke Kit (Bare Ends)

Product Description

The NOVA 2x1 3-Light Yoke Kit (Bare Ends) is a kit that allows users to simply slot in 3 NOVA 9° 2x1s or NOVA II 2x1s in a vertical 3-light array and power it. This kit comes with C-clamps, safety chains, daisy-chain AC power cables, DMX jumper cables, and a bare ends AC power cable.

What's in the Box

Name	Qty
NOVA 2x1 3-Light Yoke (Only)	1
C-Clamp with Riser	2
5-Pin XLR Male to Female DMX Cable (1.0m)	2
NAC3F-TRUE1-L to NAC3M-TRUE1-L AC Power Passthrough Cable (0.9m)	2
Safety Chain (1.3m)	2
RCAC3F-X to Bare Ends AC Power Cable (6m) (20A Max)	1

Sales & Shipping Information

Product Name	NOVA 2x1 3-Light Yoke Kit (Bare Ends)
SKU	AG0406049C
UPC	Please refer to NOVA 2x1 3-Light Yoke and RCAC3F-X to Bare Ends AC Power Cable (6m) (20A Max) one sheets for individual parcel shipping information.
Packing Dimensions	
Net Weight	
Gross Weight	
Carton Quantity	
Carton Dimensions	
Carton Weight	

NOVA 2x1 3-Light Yoke Kit (CEE 16A)

Product Description

The NOVA 2x1 3-Light Yoke Kit (Bare Ends) is a kit that allows users to simply slot in 3 NOVA 9° 2x1s or NOVA II 2x1s in a vertical 3-light array and power it. This kit comes with C-clamps, safety chains, daisy-chain AC power cables, DMX jumper cables, and a bare ends AC power cable.

What's in the Box

Name	Qty
NOVA 2x1 3-Light Yoke (Only)	1
C-Clamp with Riser	2
5-Pin XLR Male to Female DMX Cable (1.0m)	2
NAC3F-TRUE1-L to NAC3M-TRUE1-L AC Power Passthrough Cable (0.9m)	2
Safety Chain (1.3m)	2
RCAC3F-X to CEE 16A AC Power Cable (6m) (20A Max)	1

Sales & Shipping Information

Product Name	NOVA II 2x1 3-Light Yoke Kit (CEE 16A)
SKU	AG0406049D
UPC	Please refer to NOVA 2x1 3-Light Yoke and RCAC3F-X to CEE 16A AC Power Cable (6m) (20A Max) one sheets for individual parcel shipping information..
Packing Dimensions	
Net Weight	
Gross Weight	
Carton Quantity	
Carton Dimensions	
Carton Weight	

NOVA 9° 2x1 Accessories

NOVA 2x1 3-Light Yoke

Product Description

The NOVA 2x1 3-Light Yoke is a rigid bracket that accepts 3 NOVA II 2x1 or NOVA 9° 2x1 lamp heads in a vertical orientation, allowing users to marry 3 NOVA 2x1s into a single light source and increasing the overall fixture setup's light output. Includes two Neutrik PowerCON AC passthrough cables and two included 1 meter 5-Pin DMX male to female jumper cables. Using the two included C-clamps, users can also hang this 3-light array from truss or Speed Rail infrastructure.

What's in the Box

Name	Qty
NOVA 2x1 3-Light Yoke	1
C-Clamp with Riser	2
5-Pin XLR Male to Female DMX Cable (1.0m)	2
NAC3F-TRUE1-L to NAC3M-TRUE1-L AC Power Passthrough Cable (0.9m)	2
Safety Chain (1.3m)	2

Sales & Shipping Information

Product Name	NOVA 2x1 3-Light Yoke
SKU	AA04060424
UPC	6977162459271
Packing Dimensions	135.9 x 105.3 x 23.2 cm / 53.5 x 41.4 x 9.1 in
Net Weight	13.20 kg / 29.10 lbs
Gross Weight	15.40 kg / 33.90 lbs
Carton Quantity	1 pc
Carton Dimensions	95.7 x 42.5 x 28.2 cm / 37.7 x 16.7 x 11.1 in
Carton Weight	15.40 kg / 33.90 lbs

RCAC3F-X to Bare Ends AC Power Cable (6m) (20A Max)

Product Description

The RCAC3F-X to CEE 16A AC Power Cable (6m) (20A Max) is a 6-meter AC power cable designed carry a max load of 20 amps with an RCAC3F-X and bare end terminations.

What's in the Box

Name	Qty
RCAC3F-X to Bare Ends AC Power Cable (6m) (20A Max)	1

Sales & Shipping Information

Product Name	RCAC3F-X to Bare Ends AC Power Cable (6m) (20A Max)
SKU	AA04060495
UPC	6978714711755
Packing Dimensions	28.6 x 25.6 x 7.7 cm / 11.3 x 10.1 x 3.0 in
Net Weight	0.83 kg / 1.83 lbs
Gross Weight	1..16 kg / 2.56 lbs
Carton Quantity	14 pcs
Carton Dimensions	57.0 x 53.5 x 31.0 cm / 22.4 x 21.1 x 12.2 in
Carton Weight	16.24 kg / 35.80 lbs

RCAC3F-X to CEE 16A AC Power Cable (6m) (20A Max)

Product Description

The RCAC3F-X to CEE 16A AC Power Cable (6m) (20A Max) is a 6-meter AC power cable designed carry a max load of 20 amps with an RCAC3F-X and CEE 16A terminations.

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What's in the Box

Name	Qty
RCAC3F-X to CEE 16A AC Power Cable (6m) (20A Max)	1

Sales & Shipping Information

Product Name	RCAC3F-X to CEE 16A AC Power Cable (6m) (20A Max)
SKU	AA04090494
UPC	6978714711748
Packing Dimensions	28.6 x 25.6 x 7.7 cm / 11.3 x 10.1 x 3.0 in
Net Weight	1.18 kg / 2.60 lbs
Gross Weight	1.56 kg / 3.44 lbs
Carton Quantity	14 pcs
Carton Dimensions	57.0 x 53.5 x 31.0 cm / 22.4 x 21.1 x 12.2 in
Carton Weight	21.84 kg / 48.15 lbs