Astra Profile900

ORDER CODE: ASTRAPROFILE900



Source

1000W White LED (driven @900W)

Zoom range

5,4° - 52° motorised linear zoom

IP rating

IP20

Weight

45,2kg / 99.65lbs

The **Astra** Profile900 is a flagship, high-power profile moving head designed for large-scale live productions, studios, and theaters. Powered by a 900W LED source, it delivers an impressive 43,000-lumen output (as measured by photogoniometer), making it an exceptional key light for any major production.

Its large 185mm front lens and versatile 5°-52° zoom range ensure outstanding performance at virtually any distance. The new MotiOs motion ecosystem enhances speed, precision, and responsiveness across pan, tilt, internal wheels, and framing modules, setting a new standard in motion control.

For precise color control, the **Astra** Profile900 features linear CMY+CTO mixing and a color wheel with a high-CRI filter, delivering vibrant tones and balanced whites. Additional highlights include dual rotating gobo wheels, an animation wheel, a four-layer framing system, dual prisms, dual frost filters, and iris—making it adaptable to a wide variety of production needs.

MAIN FEATURES

- 900W 7000K White LED source, featuring 43.000 fixture lumen output (goniometer)
- 185mm front lens with a 5°-52° zoom
- MotiOs enhances motion speed, precision, and responsiveness across motorized features
- CMY+CTO Color mixing, one color wheel, 4 framing shutters, 2 rotating gobo wheels, 1 animation wheel, 2 frost, 2 prisms, iris

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

OPTICS
- Zoom range: 5,4° - 52° motorised linear zoom
- Lens diameter: 185mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit with tracking

DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer control
- Shutter system: 4 shutter blades with position and ±30° angle adjustment, ±45° rotation of the complete framing system
- Animation wheel: animation wheel with CW and CCW rotation
- FX generator: 2 prisms overlap for spectacular aerial effects
- Circular prism: 4-f with bi-directional rotation, indexing
- Linear prism: 6-f with bi-directional rotation, indexing
- Frost: dual soft-edge and heavy with one interchangeable element
- Iris: 5 - 100% motorised iris

MOVEMENT
- Pan: 540° - 16-bit resolution
- Tilt: 260° - 16-bit resolution
- Position feedback: automatic repositioning after external movement
- Pan / tilt lock: for transport and maintenance

ELECTRONICS
- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 600 to 50,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX2 (not included) or via USB pen drive

CONNECTIONS
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Neutrik XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: Neutrik Art-Net RJ45 IN/OUT
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

CERTIFICATIONS / REPORTS
- Compliance: CE, RCM, FCC, cTUVus

BOX CONTENT
- 1 x ASTRAPROFILE900
- 2 x OS30PLUS
- 1 x 1,5 meters 3G2,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)

LIGHT SOURCE
- Source: 1000W White LED (driven @900W)
- Source CCT: 7.000K
- Luminous flux: (5,5°) 23'816 lm - (52°) 42'919 lm
- Lux: (5,5°) 126'304 lx - (52°) 3'060lx @5 m
- CRI: > 70 (CCT 6.000K and CRI > 90 with filter on color wheel)
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

COLOUR SYSTEM
- Colour mixing: linear CMY
- CCT: linear CTO correction 2.700 K ~ 7.000 K
- Colour wheel: high CRI filter + 5 colour filters + open

GOBOS
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: 30 mm outer / 25 mm image / up to 3 mm thickness
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 30 mm - image: 25 mm - thickness: up to 3 mm

CONTROL
- Supported Protocols: DMX512, RDM, ArtNet, sACN (IGMP v2), CRMX
- DMX channels: 46ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1310W
- Output (at 230V): 2 units on a single power line
- Standby power: 150 W
- Power factor: > 0,97

PHYSICAL
- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Housing: Aluminium structure with high-resistance polycarbonate cover
- Finish: black
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 516x856x310mm
- Weight: 45,2kg

INSTALLATION
- Suspension and fixing: any position with quick-lock Omega brackets
- Mounting points: 4 quick-lock Omega sockets
- Transportation: retractable arm handles

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ACCESSORIES & RELATED PRODUCTS



OS30PLUS
Quick-lock omega bracket, M12 hole



FCLASTRAP900
Flight case for 1 pc of ASTRAPROFILE900



C6001B
Heavy-load aluminum clamp, 500kg loa, 48-51mm tubes, M10 bolt, Black&White& White



9533FXWL03
Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m



9513FXWL03
Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m



958225L03
3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector



AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready

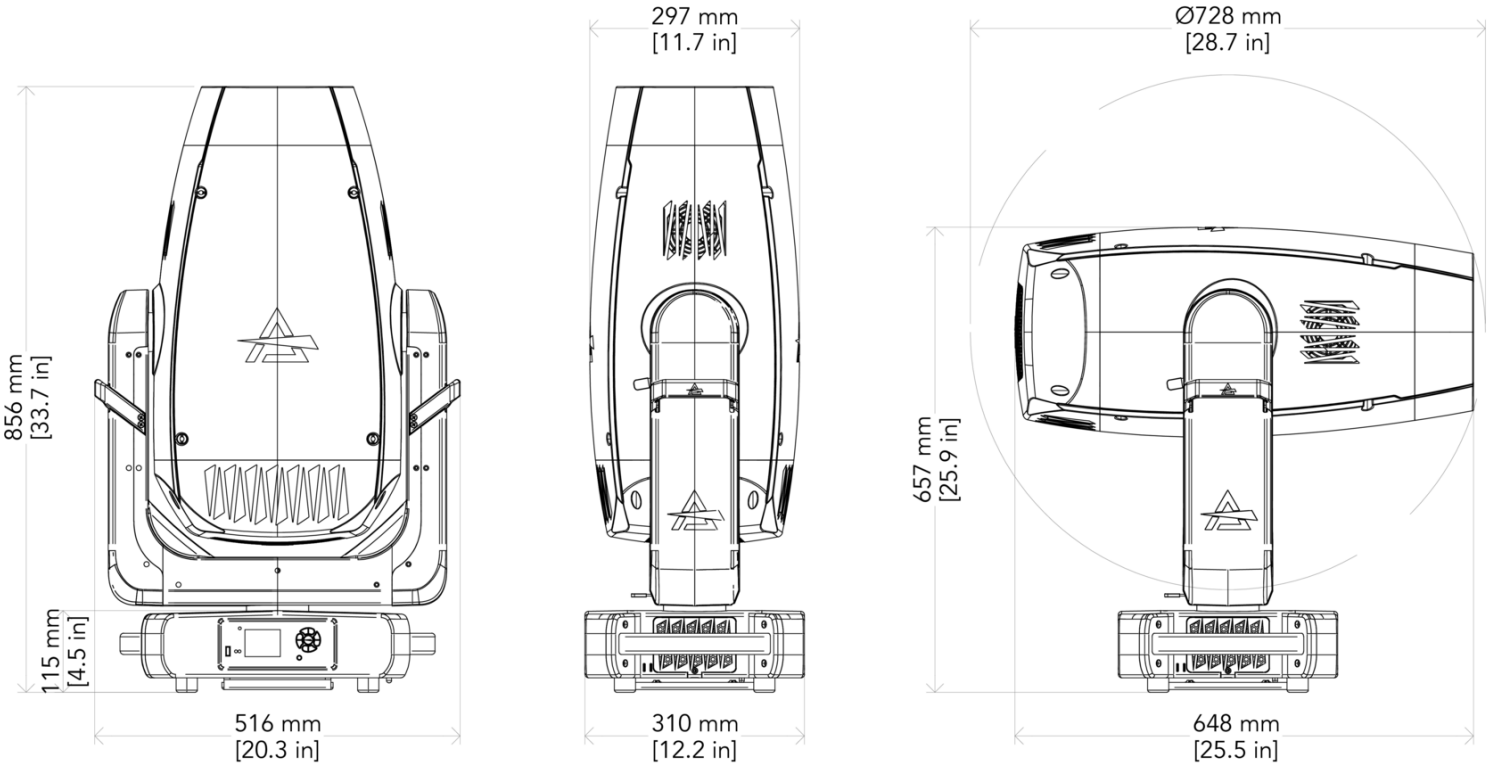


AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE

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TECHNICAL DRAWINGS

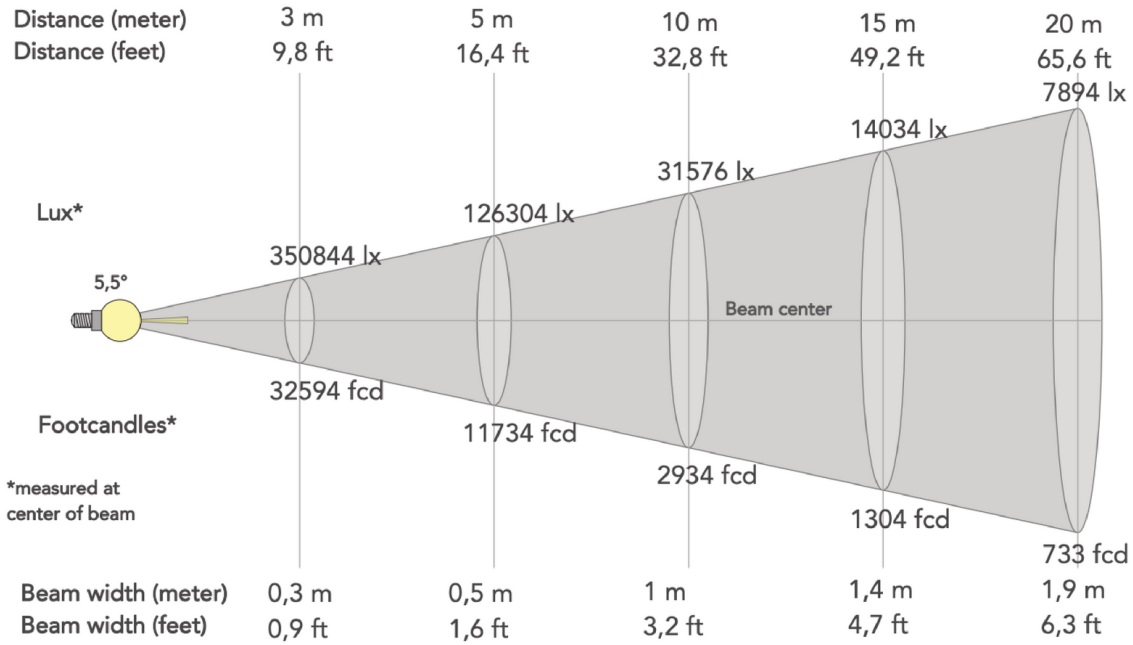


Astra Profile900

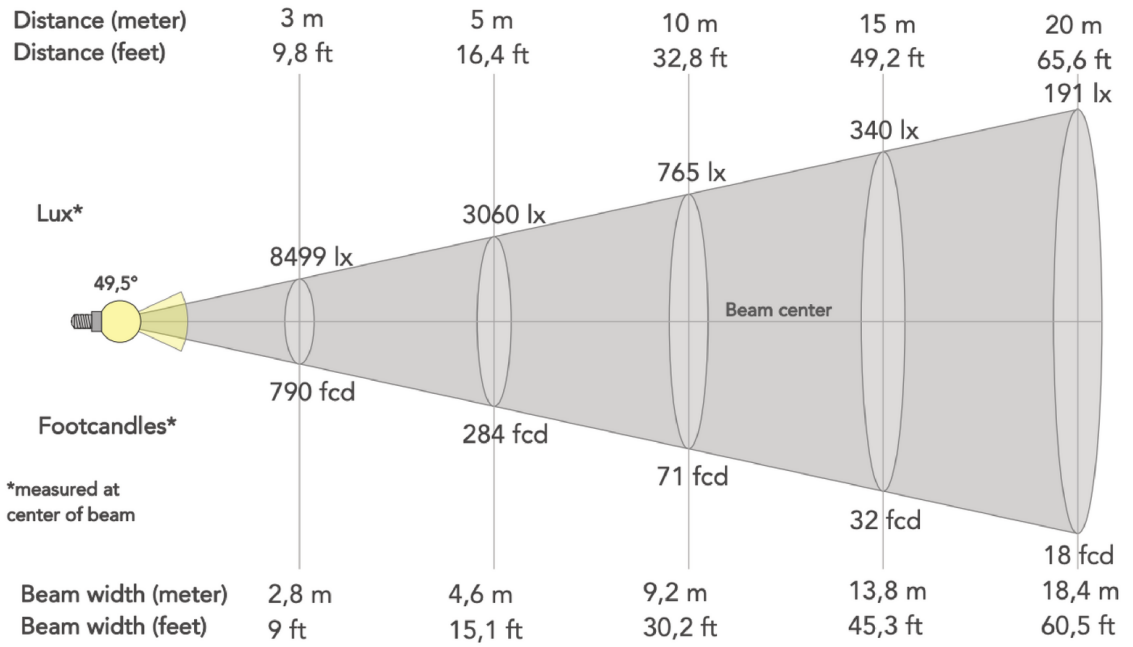
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PHOTOMETRICS

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
5,5°	7,2°	7,5°	100,0%	100,0%



Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
49,5°	51,7°	52,1°	99,9%	99,9%



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