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Astra Profile900HQ

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Source

1000W White LED (driven @900W)

Zoom range

5,4° - 52° motorised linear zoom

IP rating

IP20

Weight

44,2kg / 97.44lbs

The **Astra** Profile900HQ is the flagship, high-quality profile moving head designed for large-scale theaters, TV & Film production. Powered by a 900W LED source with CRI 96, it delivers a bright and perfectly balanced 6000K White, 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, delivering high output saturated colors 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 6000K White LED source with CRI 96Ra
- 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

COLOUR SYSTEM
- Colour mixing: linear CMY
- CCT: linear CTO correction 2.700 K ~ 6.000 K
- Colour wheel: 6 colour filters + open

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

GOBOS
- Gobo wheel 1: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: 30 mm outer / 25 mm image / up to 3 mm thickness
- Gobo wheel 2: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: 30 mm outer / 25 mm image / up to 3 mm thickness

MOVEMENT
- Pan: 540° - 16-bit resolution
- Tilt: 270° - 16-bit resolution
- Position feedback: automatic repositioning after external movement
- Pan / tilt lock: for transport and maintenance

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

INSTALLATION
- Mounting points: 4 quick-lock Omega sockets
- Transportation: carrying handles on the base and additional retractable carrying handles on the arms

LIGHT SOURCE
- Source: 1000W White LED (driven @900W)
- Source CCT: 6.000K
- Luminous flux: (5,4°) 13'969 lm - (med) 25'941 lm - (52°) 25'311 lm
- Lux: (5,4°) 74'135 lx - (med) 9'836 lx - (52°) 1'659lx @5 m
- CRI: 96
- R9: 90
- TLCI: 97
- TM30 Rf: >91
- TM30 Rg: <99
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

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

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

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: 44,2kg

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

BOX CONTENT
- 1 x ASTRAPROFILE900HQ
- 2 x OS30PLUS
- 1 x 1,5 meters power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65)

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ACCESSORIES & RELATED PRODUCTS



FCLASTRAP900
Flight case for 1 pc of ASTRAPROFILE900



OS30PLUS
Quick-lock omega bracket, M12 hole



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



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



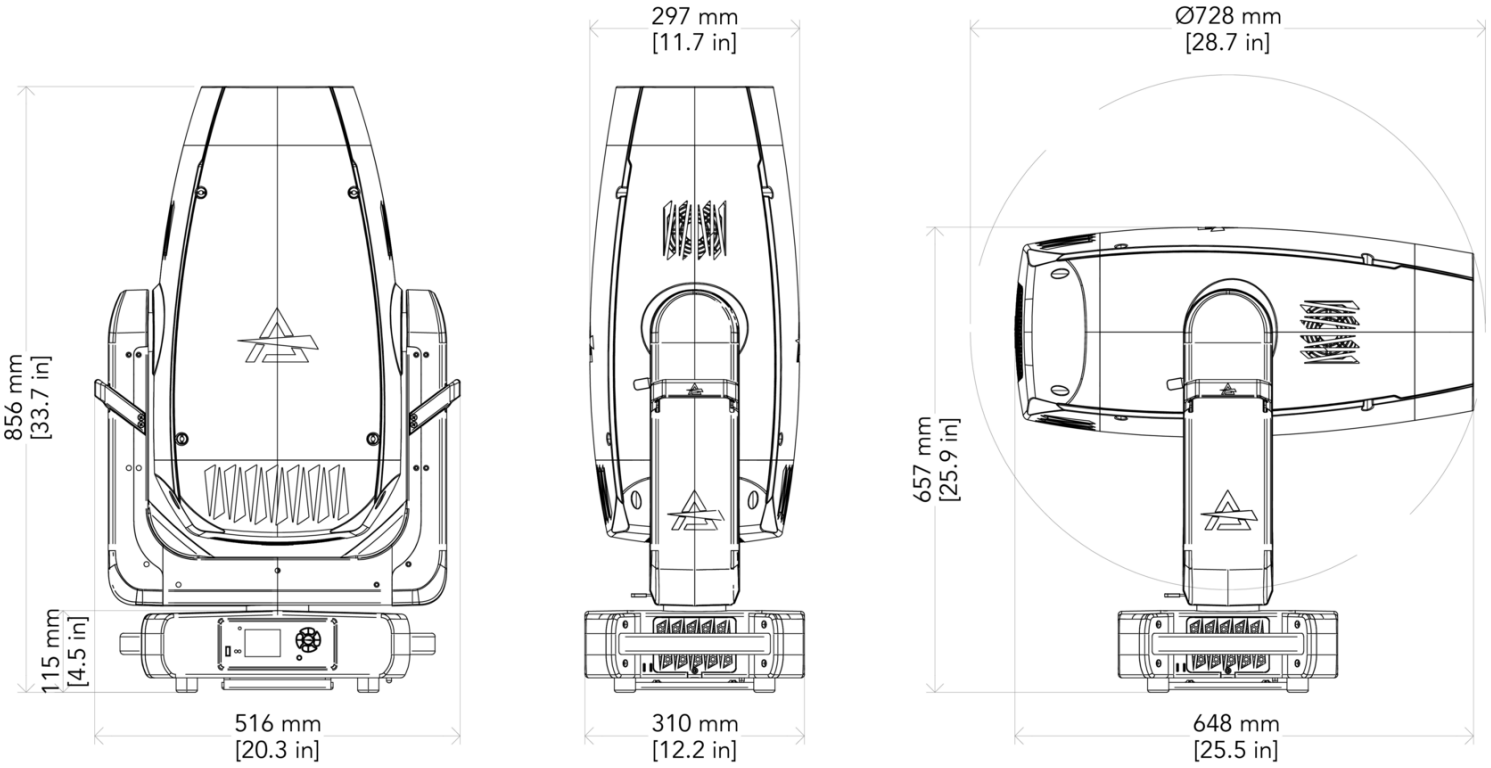
AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready

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TECHNICAL DRAWINGS



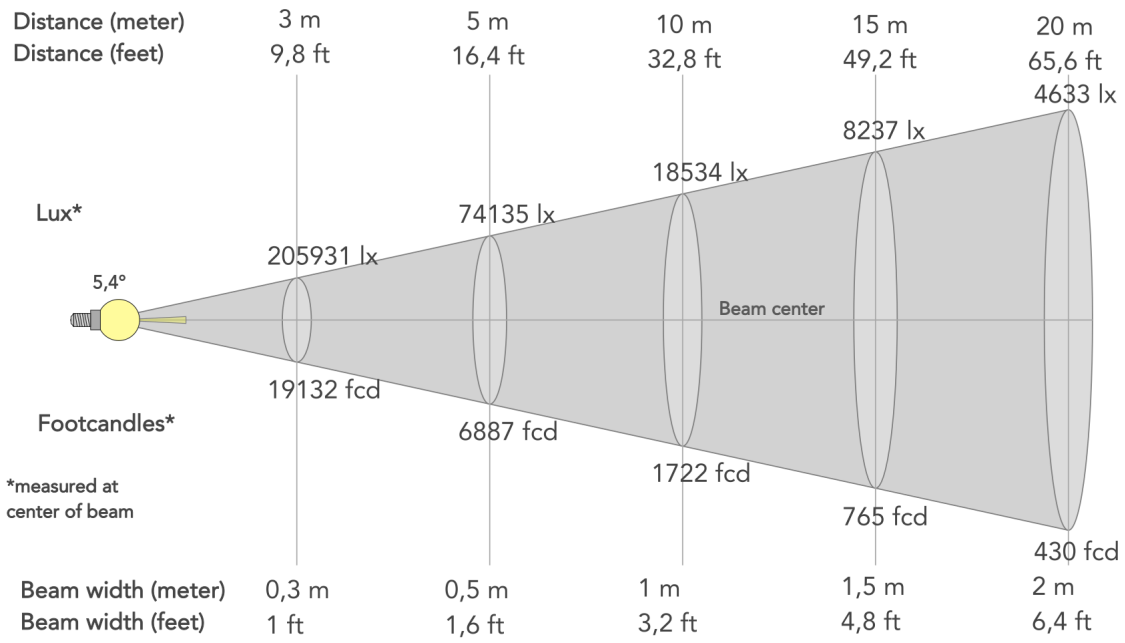
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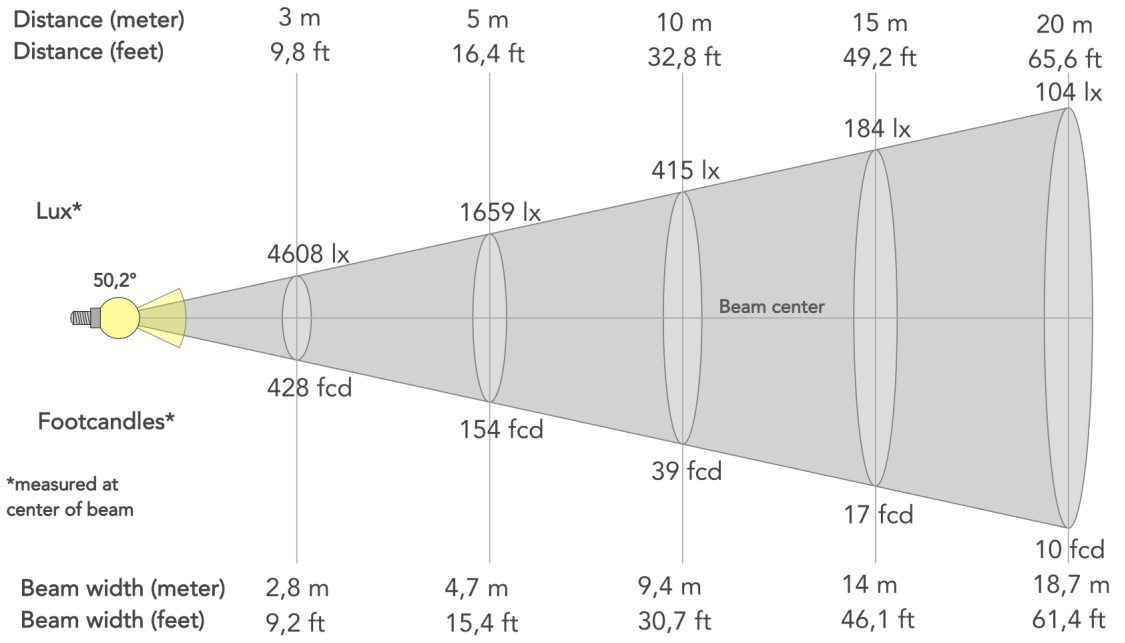
PHOTOMETRICS

Full On - High CRI LED - Min Zoom



Beam angle (50%): **5.4°**	Field angle (10%): **6.3°**	Cut-off angle (2.5%): **6.4°**

Full On - High CRI LED - Max Zoom



Beam angle (50%): **50.2°**	Field angle (10%): **51.9°**	Cut-off angle (2.5%): **52.4°**

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