

Astra Profile900HQ

900W Profile Moving head, with 6000K high quality white LED source, 5° - 52° zoom

ORDER CODE: **ASTRAPROFILE900HQ**



Astra Profile900 is a compact and quiet moving head Profile, boasting an impressive array of effects and ideal for any stage. This model features a bright 6000K white LED source, delivering a remarkable 26.000 lumen output and high CRI up to 96 (fixture output by photogoniometer) and being an excellent main light for large stages. Its advanced zoomable optical system offers extensive zoom capabilities, ranging from 5° to 52°. This versatility allows it to perform effectively in both long and medium throw applications.

The **Astra Profile900's** comprehensive features include linear CMY+CTO color mixing and a dedicated color wheel, dual rotating gobo wheels and a 4-layer framing shutter system on individual planes and capable of producing a curtain effect. Additionally the effect section includes an animation wheel, dual frost filters, dual prism, and a motorized iris, enhancing its flexibility and creative potential.

MAIN FEATURES

- 900W high quality White LED source 6000K, 26.000 fixture lumen output (goniometer)
- 5°-52° zoom
- CMY+CTO Color mixing, one color wheel, 4 framing shutters, 2 rotating gobo wheels, 1 animation wheel, 2 frost, 2 prisms, iris

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 900W White LED
- 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: > 20.000 h

OPTICS

- Zoom: 5,4° - 52° motorised linear zoom
- Lens diameter: 185mm / 7.28"
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised

COLOUR SYSTEM

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

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- 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
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: preliminary data: outer: 30 mm - image: 25 mm - thickness: up to 3 mm
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- FX generator: prisms overlap for spectacular aerial effects
- Circular prism: 4f with bi-directional rotation, indexing
- Linear prism: 6f with bi-directional rotation, indexing
- Frost: dual frost filter, soft-edge and heavy (one interchangeable)
- Iris: 5 - 100% motorised iris

BODY

- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Pan angle: 540°
- Tilt angle: 270°

ACCESSORIES & RELATED PRODUCTS

- FCLASTRAP900 Flight case for 1 pc of ASTRAPROFILE900
- OS30PLUS Quick-lock omega bracket, M12 hole
- C6001B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- 9533FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L3m
- 9513FXWL03 Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m

- Pan/Tilt resolution: bit 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with high-resistance polycarbonate cover
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 46channel
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/UPBOX2) not included or via USB pen drive
- Other: Ethernet pass through in case of failure

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 50.000 Hz

ELECTRICAL

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

PHYSICAL

- IP rating: 20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: for transportation and maintenance
- Signal connection: Neutrik XLR 5p IN/OUT connectors
- Data connection: Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD): 516x856x310mm / 20.31"x33.7"x12.2"
- Weight: 45,2kg / 99.65lbs

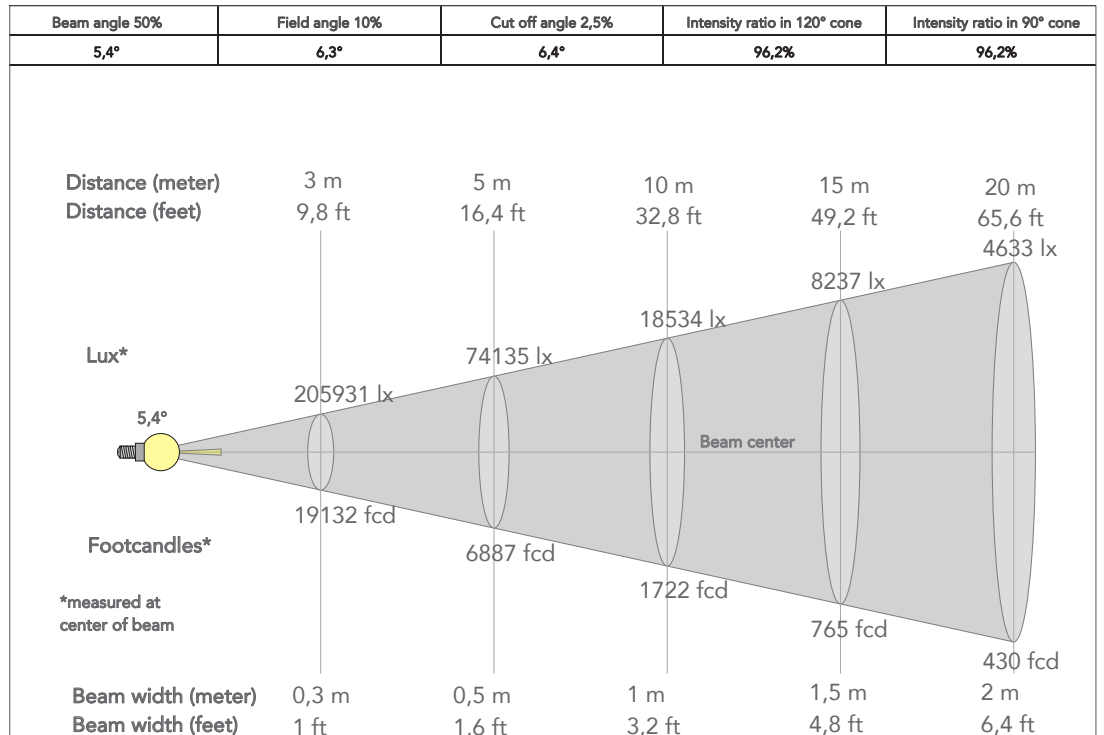
CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, RCM

- 958225L03 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
- TOUR53415L03GR Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
- LRLUNA Single Universe DMX transceiver with Bluetooth
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

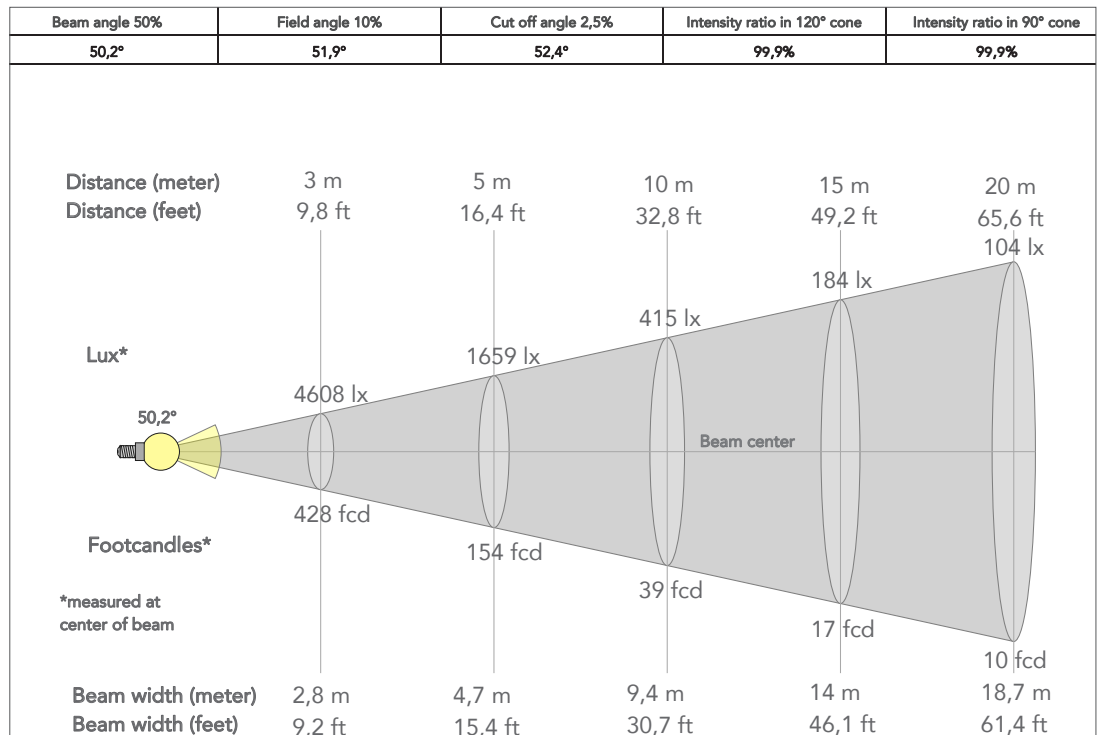
PRESET FULL ON

Beam angle 50%: 5°

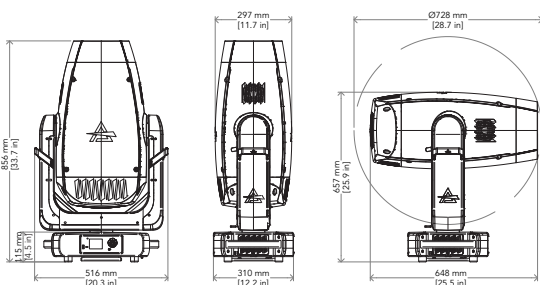


PRESET FULL ON

Beam angle 50%: 55°



TECHICAL DRAWINGS



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