

# Astra Profile900

900W Profile Moving head, with 7.000K white LED source, 5° - 52° zoom

ORDER CODE: **ASTRAPROFILE900**



**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 7.000K white LED source, delivering a remarkable 43.000 lumen output (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 White LED source 7000K, 43.000 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: 1000W White LED (driven @900W)
- 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: > 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 ~ 7.000 K
- Colour wheel: open + high CRI filter + 5 colour filters

### DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Shutter system: 4 shutter blades with position and  $\pm 30^\circ$  angle adjustment,  $\pm 45^\circ$  rotation of the complete framing system
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
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- FX generator: 2 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°
- Pan/Tilt resolution: bit 8 / 16-bit
- Feedback: automatic repositioning after accidental movement

## 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, L3 m

- 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:  $-10^\circ \sim +45^\circ$
- 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: Neutrik 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

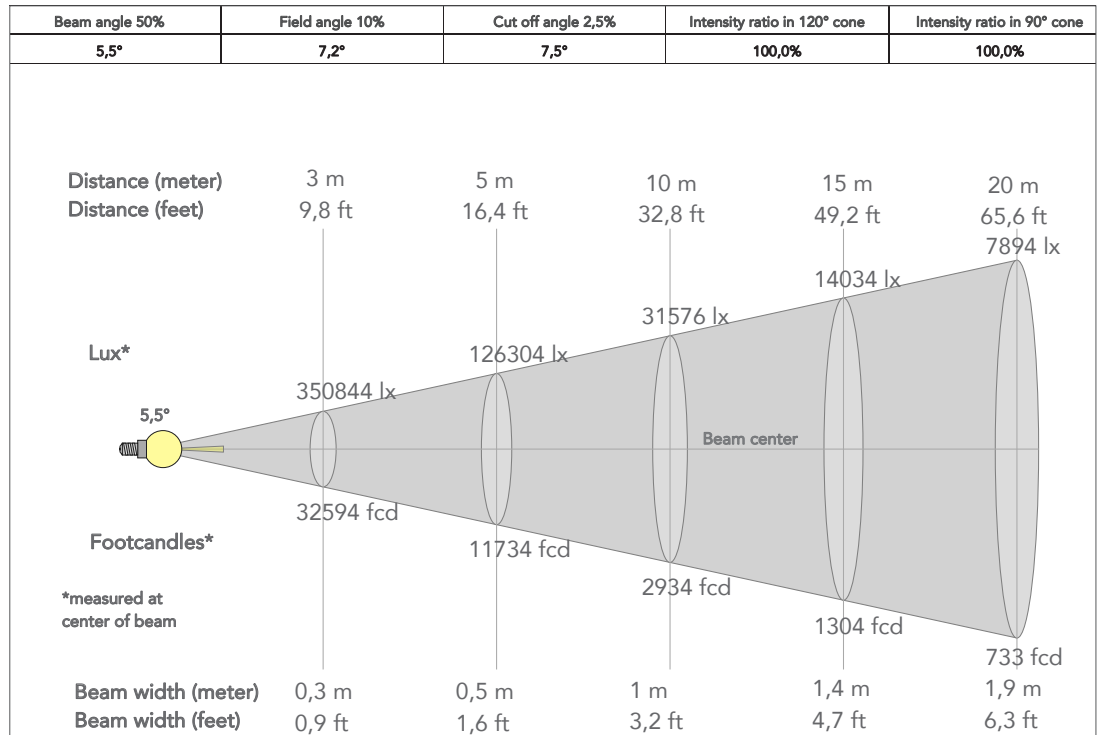
### CERTIFICATIONS / APPROVALS

- 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

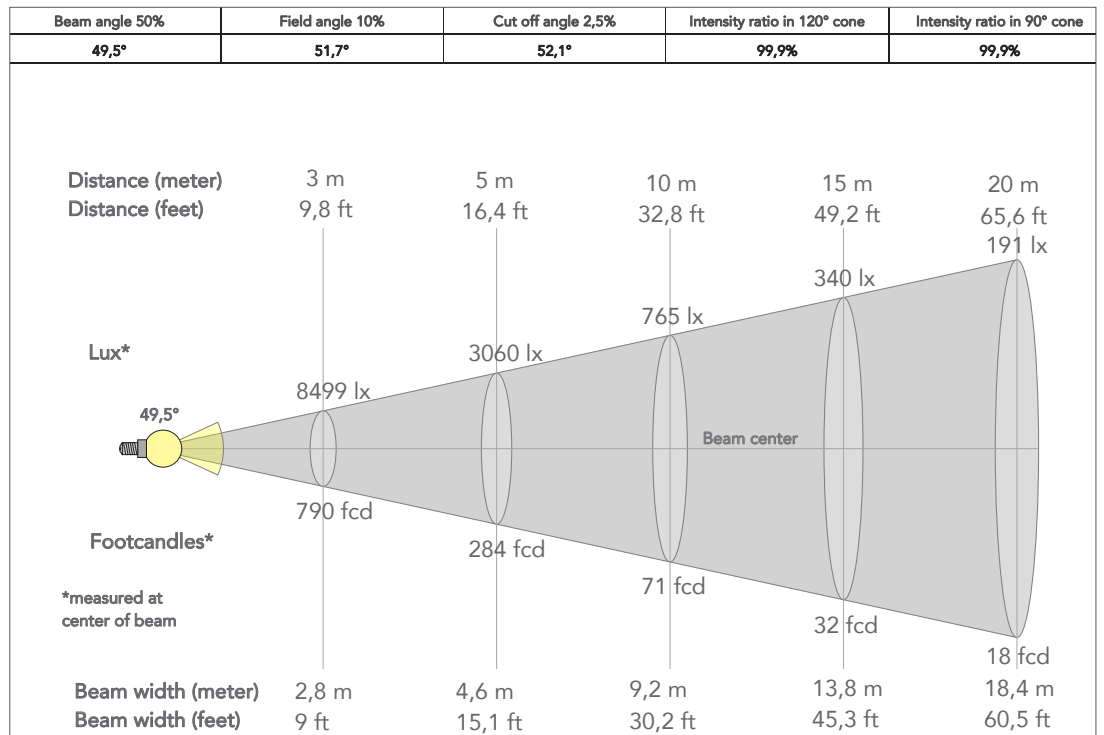
**PRESET FULL ON**

Beam angle 50%: 5°

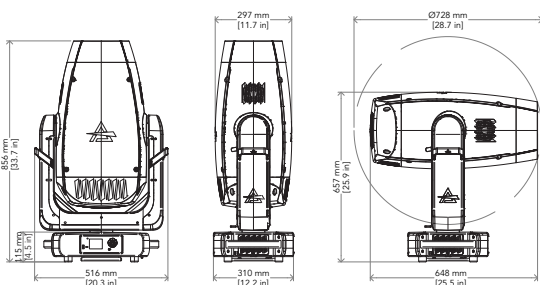


**PRESET FULL ON**

Beam angle 50%: 55°



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