Astra Profile500LTIP

IP65 500W Moving Profile, with 6500K LED source, 4° - 50° zoom

ORDER CODE: **ASTRAPROF500LTIP**



Astra Profile500LTIP is a high-power, versatile Long Throw and IP65-rated LED moving profile, designed to deliver exceptional brightness and robust performance in both indoor and outdoor environments.
Featuring a 500W white LED source at 6,500K, it produces a stunning 25'000 lumen output (goniometer), providing arena level output.
The 156 mm front lens combined with a custom designed long throw lens, projects a fat, even beam with fast zoom from from 4° to 50°, maintaining sharp projections and uniform beam quality across the entire zoom range.
Beam shaping is precise thanks to four framing shutters, while additional creative tools include a linear CMY system, linear CTO, one color wheel, a rotating gobo wheel, a fixed gobo wheel, animation wheel, two frost filters, two overlapping linear prisms for dynamic aerial effects, and an iris.
Astra Profile500LTIP offers precise beam shaping with four framing shutters, each with independent plane rotation and full curtain capability. Additional creative tools include a linear CMY system, linear CTO system, one color wheel, a rotating gobo wheel with seven gobos, an animation wheel, a frost and two overlapping linear prisms for dynamic aerial effects.
Housed in a die-cast magnesium alloy body with full IP65-rated construction for outdoor use, **Astra** Profile500LTIP is designed for reliability in any environment but keeps lightweight. With fast pan and tilt movement and internal features, high-resolution control, and integrated CRMX wireless connectivity plus Ethernet-based protocols, it ensures fast setup and flexible operation for live events and concerts, theatre and broadcast, corporate productions, and outdoor shows.

MAIN FEATURES

- 500 W white LED source, 6,500 K, 25'000 lm (goniometer)
- 156 mm front lens with fast 4°-50° zoom
- CMY+CTO colour mixing, one colour wheel, 4 framing shutters, 1 rotating gobo wheel, 1 fixed gobo wheel, 1 animation wheel, 2 frost, 2 prisms, iris
- IP65-rated construction for reliable outdoor use

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 500W White LED
- Source CCT: 6.500K
- Luminous flux: (4,2°) 15'370 lm - (50°) 25'490 lm @Full
- Lux: (4,2°) 121'742 lx - (50°) 2'074lx
- CRI: > 70 Ra (CCT 5.600K) - up to 90 Ra (HiCRI color slot)
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS
- Zoom range: 4,2° - 50,1° motorised linear zoom
- Lens diameter: 156mm / 6.14''
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit with tracking

COLOUR SYSTEM
- Colour mixing: CMY colour system on 3 gradually fading colour wheels
- CCT: linear CTO correction 2.700 K ~ 6.500 K
- Colour wheel: open + high CRI filter + 5 colour colour filters

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
- Linear prism: 6-f with bi-directional rotation
- Frost: dual soft-edge and heavy with one interchangeable element
- Iris: 5 - 100% motorised iris

GOBOS
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: 25 mm outer / 20 mm image / up to 3 mm thickness
- Fixed gobos: 8 fixed gobos + open

CONTROL
- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 43ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- 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

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 50000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX2 (not included) or via USB pen drive

CONNECTIONS
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: IP65 Seetronic RJ45 IN/OUT
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 788W
- Output (at 230V): 4 units on a single power line
- Standby power: 92 W
- Power factor: > 0,95

PHYSICAL
- IP rating: IP65 for temporary outdoor use (*)
- Cooling: heat pipe with low-noise fan
- Housing: Weatherproof IP65 construction with die-cast magnesium alloy
- Finish: black
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 449x705x297mm / 17.68''x27.76''x11.69''
- Weight: 34kg / 74.96lbs

INSTALLATION
- Suspension and fixing: any position with quick-lock omega brackets
- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)

CERTIFICATIONS / REPORTS
- Noise Level: noise test report available for download
- Compliance: CE
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

BOX CONTENT
- 1 x ASTRAPROF500LTIP
- 2 x OSIPPLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- User Manual

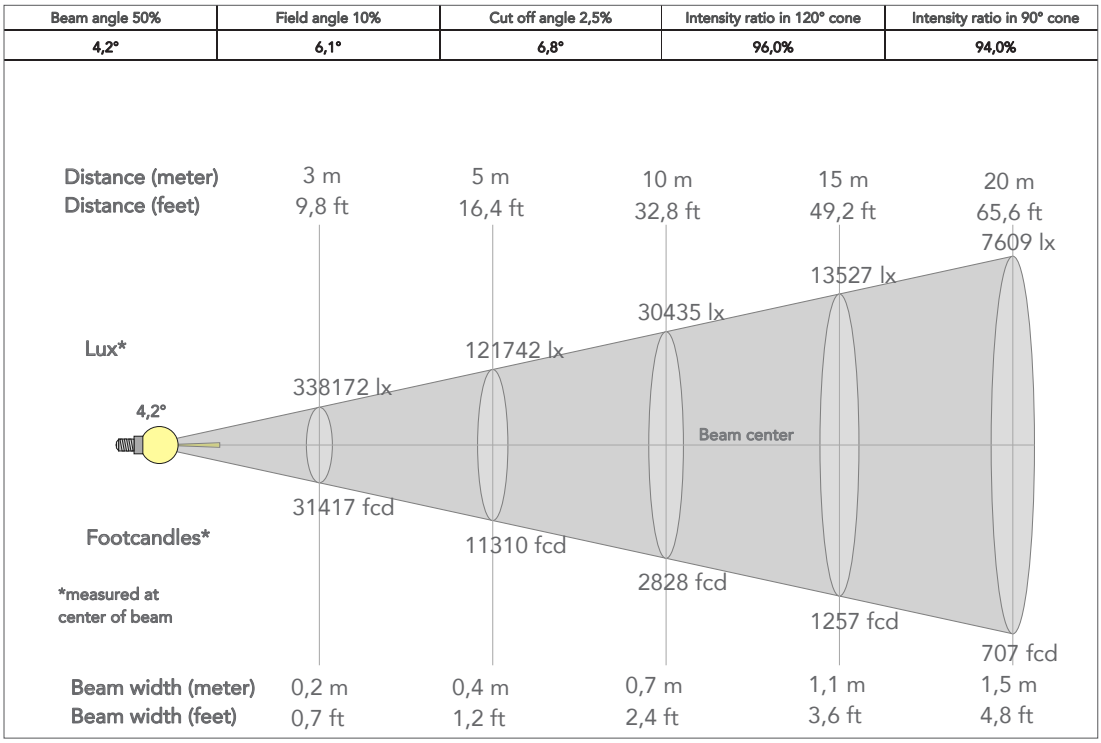
ACCESSORIES & RELATED PRODUCTS

▪ FCLASTRAP500LTIP	Flight case for 2 pcs of ASTRAPROFILE500LTIP
▪ AP500LTTRSKIT	Camera assembly kit for tracking systems for ASTRAPROFILE500LTIP
▪ OSIPPLUS	IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole
▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ 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 and PO
▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ RSR1235A	Steel security cable for hanging bodies, inox steel shackle, L=120 cm, silver
▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

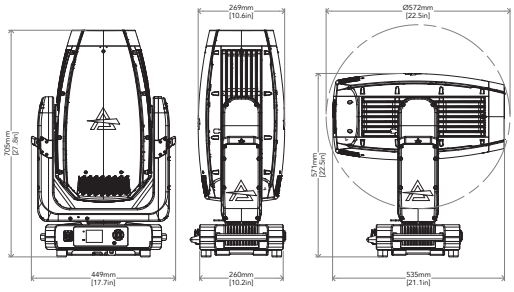
PRESET FULL ON

Beam angle 50%: 4,2°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
4,2°	6,1°	6,8°	96,0%	94,0%



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

MUSIC & LIGHTS S.r.l.

Via A. Olivetti, snc
04026 - Minturno (LT) ITALY

info@prolights.it
Tel: +39 0771 72190

prolights.it
VAT No. IT 02057590594

**** WARNING *** features, specifications and appearance are subject to change without notice*