

Astra Profile300LTIP

IP65 300W Moving Profile, with 6500K LED source, 4° - 44° zoom

ORDER CODE: **ASTRAPROF300LTIP**



Astra Profile300LTIP is a compact, versatile Long Throw and IP65-rated LED moving profile, engineered to deliver bright and reliable performance in any indoor or outdoor environment.

Featuring a 300W white LED source at 6500K, it pushes an impressive 12'000 lumen output, ensuring exceptional brightness across small rigs or larger stages.

The 135 mm front lens, combined with a custom designed long throw lens, projects a fat, even beam with fast zoom from 4° to 44°, maintaining sharp projections and uniform beam quality across the entire zoom range.

Astra Profile300LTIP 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, 12 color filters, a rotating gobo wheel with seven gobos, an animation wheel, a frost and two overlapping linear prisms for dynamic aerial effects.

Built with a die-cast magnesium alloy housing and a fully IP65-rated construction for outdoor use in a 26kg package, **Astra Profile300LTIP** is engineered to perform reliably in demanding environments. With fast pan and tilt movements, high-resolution control, and optional CRMX connectivity, it is a versatile solution for live events, concerts, theatre, broadcast and corporate productions.

MAIN FEATURES

- 300 W white LED source, 6,500 K, 12'000 lm (goniometer)
- 135 mm front lens with fast 4°-44° zoom
- CMY+CTO colour mixing, 12 color filters, 4 framing shutters, 1 rotating gobo wheel, 1 animation wheel, 1 frost, 2 prisms
- IP65-rated, 26Kg

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 300W high-power white LED
- Source CCT: 6.500K
- Luminous flux: (3,9°) 8'313 lm - (44,1°) 12'065 lm @Full
- Lux: (3,9°) 88'597 lx (44,1°) 1'333lx @5 m full
- 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: 3,9° - 44,1° motorised linear zoom
- Lens diameter: 135mm / 5.31"
- 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: 12 dichroic filters on 4 independent colour wheels

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer control
- 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
- FX generator: 2 prisms overlap for spectacular aerial effects
- Circular prism: 4-f with bi-directional rotation, indexing, interchangeable
- Linear prism: 4-f with bi-directional rotation, indexing, interchangeable
- Frost: linear 0-100% light interchangeable

GOBOS

- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: 20 mm outer / 16 mm image / up to 3 mm thickness

CONTROL

- Supported Protocols: DMX512, RDM, CRMX (optional)
- DMX channels: 42ch
- 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: optional LumenRadio TiMo FX RDM - CRMX and W-DMX compatible

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 491W
- Output (at 230V): 7 units on a single power line
- Standby power: 68 W
- Power factor: >0,96

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): 393 x 620 x 282mm / 15.47"x24.41"x11.1"
- Weight: 26kg / 57.32lbs

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

BOX CONTENT

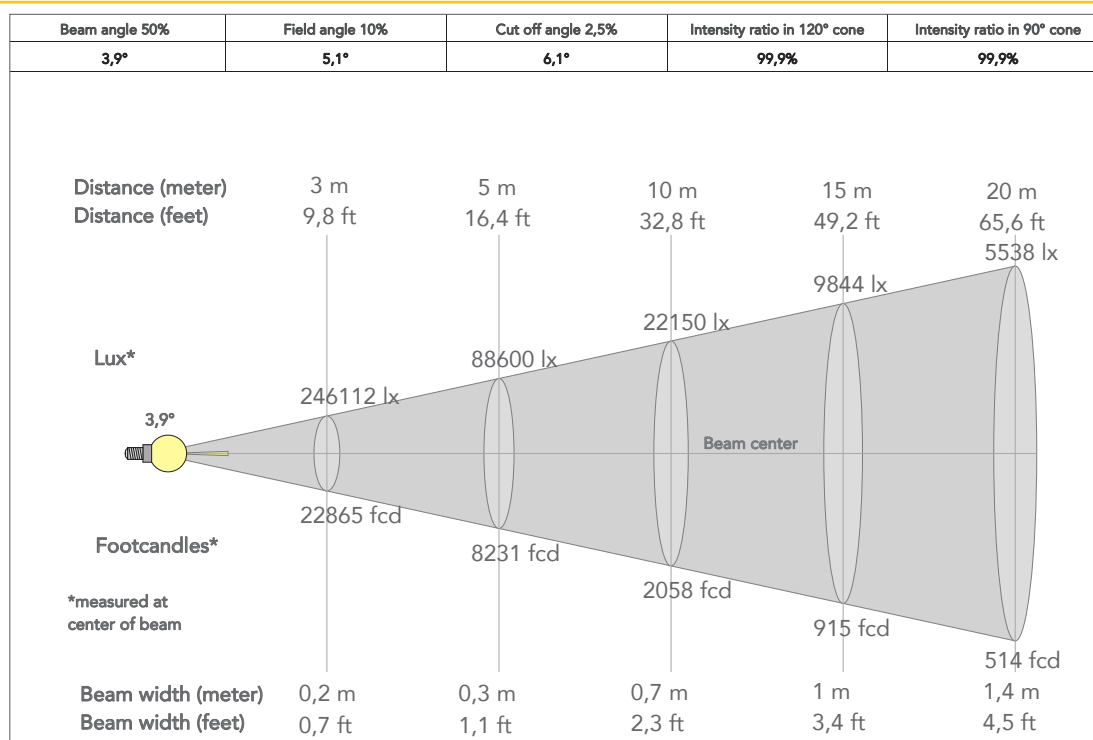
- 1 x ASTRAPROF300LTIP
- 2 x OSIPPLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- User Manual

ACCESSORIES & RELATED PRODUCTS

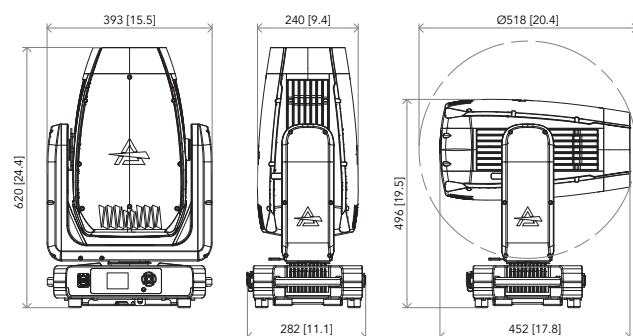
- OSIPPLUS IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole
- FCLASTRAP300LTIP Flight case for 2 pcs of ASTRAPROFILE300LTIP
- LRTFXWK2 Wireless kit 2 with TimoFX
- IPTESTBOX Portable vacuum and pressure tester for ProLights IP fixtures
- AETHERBOX IP65 1 universe CRMX transceiver, 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%: 3,9°



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