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 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
- 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
- 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

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
- 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: 20 mm; image diameter: 16 mm; thick: up to 3 mm
- FX generator: 2 prisms overlap for spectacular aerial effects
- Circular prism: 4f with bi-directional rotation, indexing, interchangeable
- Linear prism: 4f with bi-directional rotation, indexing, interchangeable
- Frost: linear 0-100% light interchangeable

BODY
- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Pan range: 540°
- Tilt range: 270°
- Pan/Tilt resolution: bit 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: Weatherproof IP65 construction with die-cast magnesium alloy
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, CRMX (optional)
- DMX channels: 42channel
- Wireless Control: optional, 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: via DMX with UPBOXPRO/UPBOX2 (USB-DMX interface not included) or via USB pen drive

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: -20° ~ +45° Ta
- 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: 491W
- Standby power: 68 W
- Output (at 230V): 7 units on a single power line
- Power factor: >0,96

PHYSICAL
- IP rating: IP65 for temporary outdoor application, not for fixed installations
- 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: Seetronic XLR 5p IN/OUT connectors
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Dimensions (WxHxD): 393 x 620 x 282mm / 15.47"x24.41"x11.1"
- Weight: 26kg / 57.32lbs

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: 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

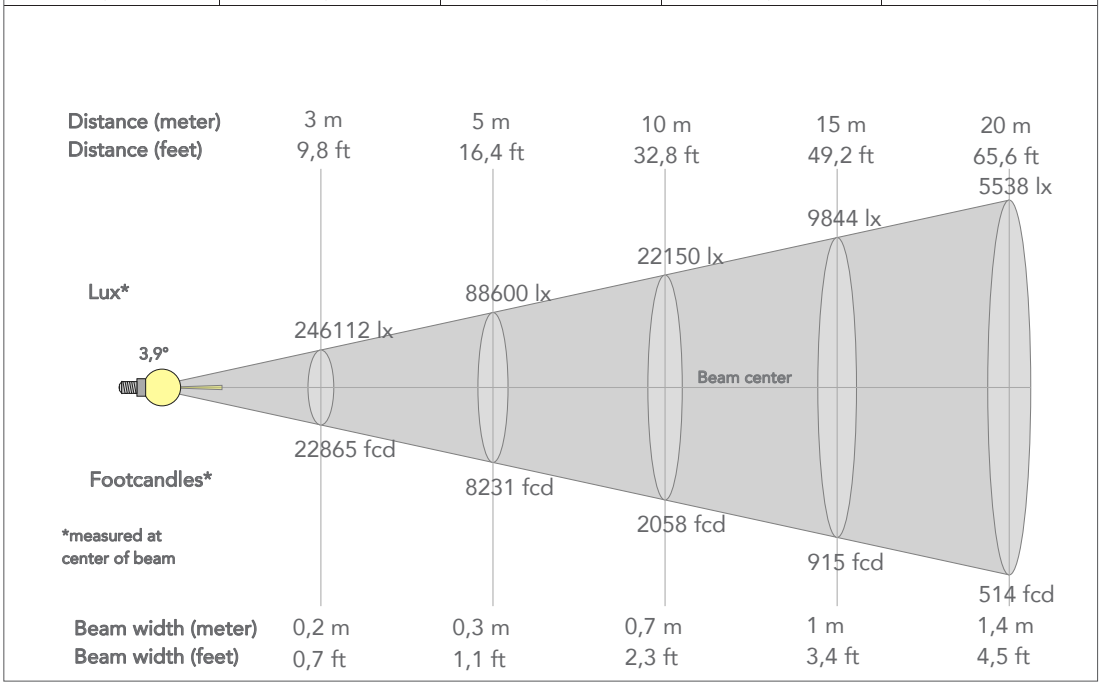
ACCESSORIES & RELATED PRODUCTS

▪ 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

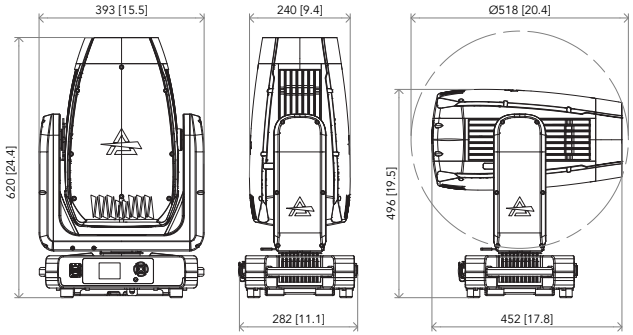
PRESET FULL ON

Beam angle 50%: 3,9°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3,9°	5,1°	6,1°	99,9%	99,9%



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