

Astra Beam120IP

IP65 beam moving head with a 120W white Laser source and CMY

ORDER CODE: **ASTRABEAM120IP**



Astra Beam120IP stands as a formidable IP-rated pure beam moving head, leveraging a 120W phosphor laser source to cast intense white light. Designed for both indoor and outdoor large stage applications, its power and versatility are unmatched.

This moving head's advanced phosphor laser source, characterized by a notably small light-emitting surface, works in tandem with a custom-engineered optical system. The result is a striking 0.6° fat, parallel beam that excels in long throw aerial effects, offering unparalleled intensity and contrast.

The **Astra Beam120IP** is not just about raw power; it's a hub of creative potential. Its comprehensive feature set enables limitless color possibilities and visual effects. This includes linear CMY color mixing, a color wheel, one rotating gobo wheel, one static gobo wheels and one animation wheel. The unit also boasts six prisms, dual frost filters, and infinite Pan & Tilt rotation, further expanding its capacity for effect possibilities.

MAIN FEATURES

- IP65 Beam moving light equipped with a 120W white Laser source
- 0.6° beam angle for long throw applications
- Infinite 360° P&T, CMY, 1x color wheel, 13 rotating and 29 fix gobos, one animation wheel, 6 prisms, 2 frost

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 120W Phosphor Laser source
- Source CCT: 7.000K
- Lux: 204'167lx @15 m full
- Source life expectancy: > 12.000 h

OPTICS

- Beam angle: 0,6°
- Lens diameter: 143mm / 5.63"
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit

COLOUR SYSTEM

- Colour mixing: linear CMY
- CCT: several CTB/CTO on wheel
- Colour wheel: 24 colour filters + open

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer control
- Animation wheel: animation wheel with CW and CCW rotation
- FX generator: prisms overlap for spectacular aerial effects
- FX Wheel A: 8-f circular prism / 4-f & 6-f linear prism / heavy frost, bi-directional rotation, indexing, interchangeable
- FX Wheel B: 16-f & 6-f circular prism / 6-f linear prism, bi-directional rotation, indexing, interchangeable
- Frost: dual soft-edge and heavy

GOBOS

- Rotating gobos: 13 rotating gobos + open, interchangeable, indexing
- Gobo size: 8,4 mm outer / 4 mm image / 0.3 mm thickness
- Fixed gobos: 29 fixed gobos + open

CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN (IGMP v2), CRMX
- DMX channels: 32ch
- RDM: for remote addressing and parameter configuration
- Display: LCD high resolution colour display with autoflip

MOVEMENT

- Pan: 540° - 16-bit resolution with 360° endless rotation
- Tilt: 270° - 16-bit resolution with 360° endless rotation
- 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 with: via DMX with UPBOXPRO (not included) or via USB pen drive

CONNECTIONS

- Power connection: Seetronic powerCON TRUE IP65 IN
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: IP65 Seetronic Art-Net 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): 150W
- Output (at 230V): 14 units on a single power line
- Standby power: 66,4 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): 366x528x258mm / 14.41"x20.79"x10.16"
- Weight: 20kg / 44.09lbs

INSTALLATION

- Suspension and fixing: any position with quick-lock Omega brackets

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, cTUVus
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

BOX CONTENT

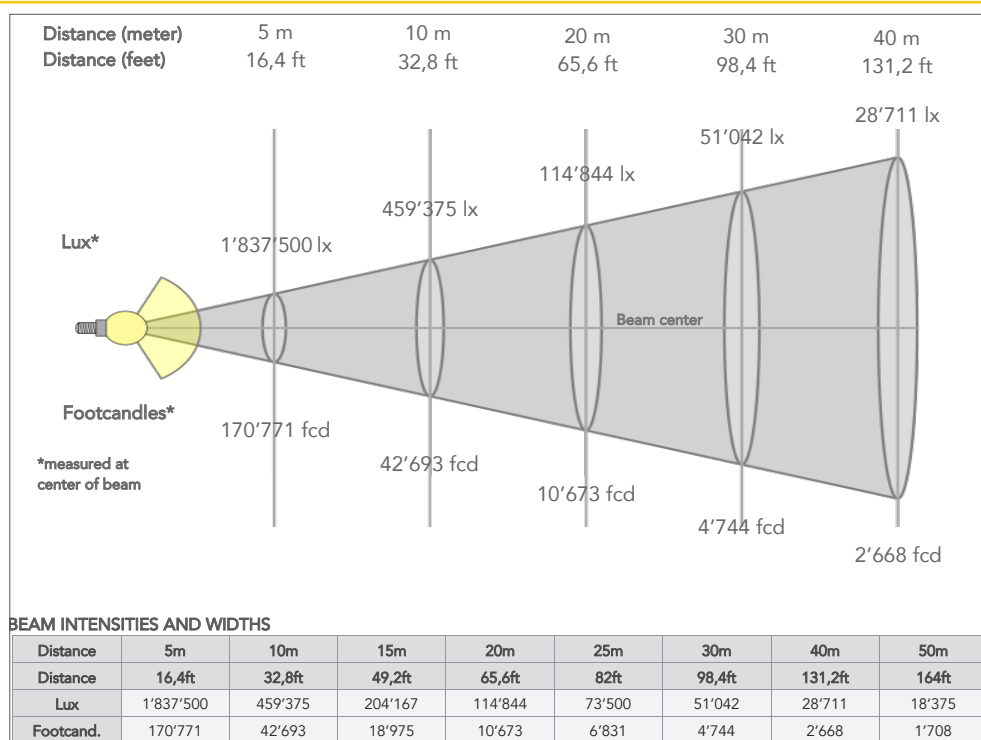
- 1 x ASTRABEAM120IP
- 2 x OSIPPLUS
- 1 x Antenna
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

ACCESSORIES & RELATED PRODUCTS

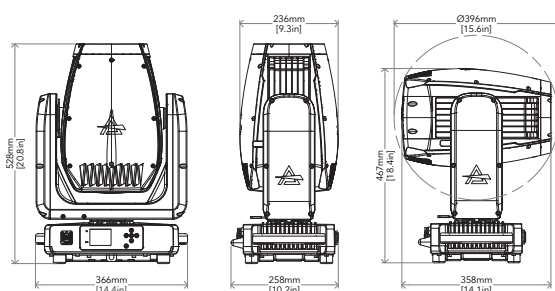
- FCLASTRAB120IP Flight case for 4 pcs of ASTRABEAM120IP / JETBEAM120IP
- AJBEAM120IPBAG1U Empty ABS case for 1 pc of ASTRABEAM120IP / JETBEAM120IP
- OSIPPLUS IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole
- IPTSTBOX Portable vacuum and pressure tester for ProLights IP fixtures
- AETHERBOXONE IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and PO
- AETHERBOX IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
- RSR0630A Steel security cable for hanging bodies, inox steel shackle, L=60 cm, silver
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: 0,6°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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tech documentations