

# 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
- 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
- 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: open + 24 colour filters

### DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer control
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos (wheel1): 13 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 8,4 mm - image: 4 mm - thickness: 0,3 mm
- Fixed gobos: 29 fixed gobos + open
- FX generator: prisms overlap for spectacular aerial effects
- Circular prism: (prism wheel 1) 16f and 6f (prism wheel 2) 8-f with bi-directional rotation, indexing, interchangeable
- Linear prism: (prism wheel 1) 6f (prism wheel 2) 4f and 6-f with bi-directional rotation, indexing, interchangeable
- Rotating prism wheel: 2 independent wheels with 3 prisms each
- Frost: dual soft-edge and heavy

### CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 32ch
- Wireless Control: Included LumenRadio Timo Fx DMX/RDM receiver compatible with CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: for remote addressing and parameter configuration
- Display: LCD high resolution colour display with autoflip
- Firmware upgrade: via DMX with UPBOXPRO (not included) or via USB pen drive
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

### BODY

- Pan: 540° with 360° continuous rotation
- Tilt: 270° with 360° continuous rotation
- Pan/Tilt resolution: bit 16-bit
- Position feedback: automatic pan/tilt repositioning after external movement
- Housing: Weatherproof IP65 construction with die-cast magnesium alloy
- Finish: black

### 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: Ta -20 to +45 °C (-4 to +113 °F)
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 to 50000 Hz (selectable steps)

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 150W
- Standby power: 66,4 W
- Output (at 230V): 14 units on a single power line
- Power factor: > 0,96

### PHYSICAL

- IP rating: IP65 for temporary outdoor use (\*)
- Cooling: heat pipe with low-noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: for transportation and maintenance
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: IP65 Seetronic Art-Net RJ45 IN/OUT
- Power connection: Seetronic powerCON TRUE IP65 IN
- Dimensions (WxHxD): 366x528x258mm / 14.41"x20.79"x10.16"
- Weight: 20kg / 44.09lbs
- (\*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

### CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, RCM

### BOX CONTENT

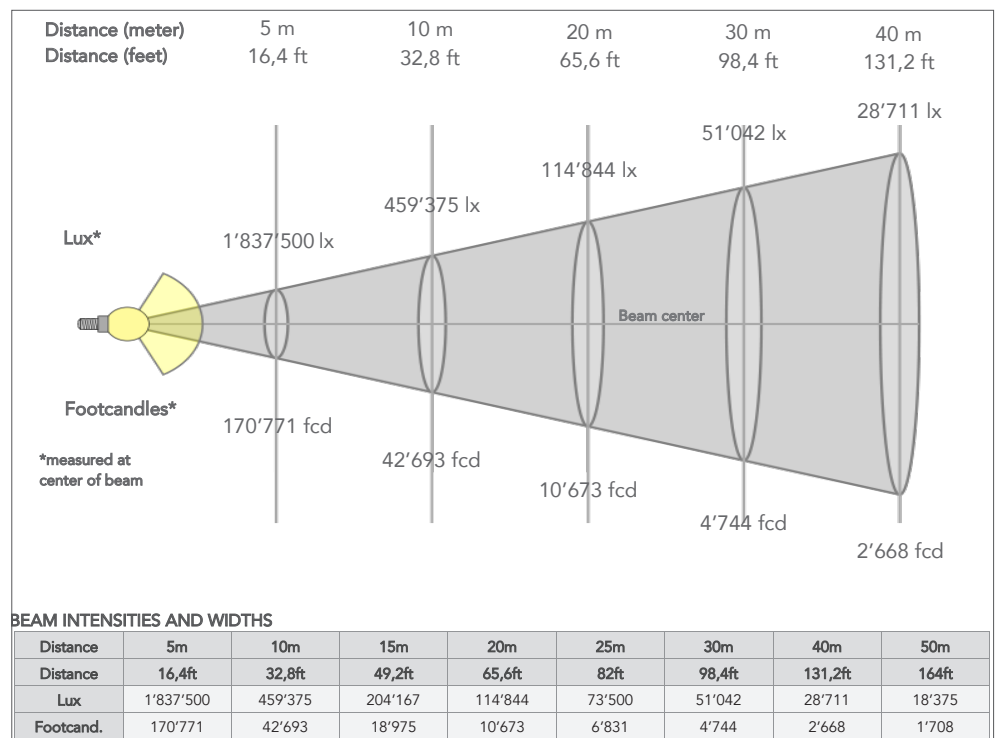
- 1 x ASTRABEAM120IP
- 2 x OSIPPLUS
- 1 x Antenna
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- User Manual

## ACCESSORIES & RELATED PRODUCTS

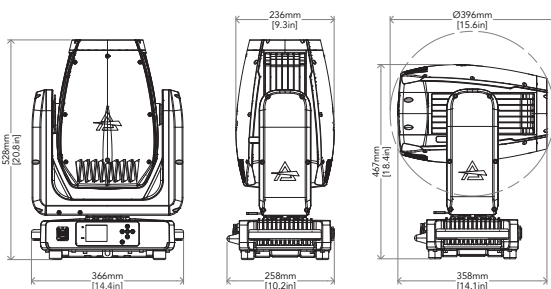
- FCLASTRAB120IP Flight case for 4 pcs of ASTRABEAM120IP
- OSIPPLUS IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole
- IPTESTBOX Portable vacuum and pressure tester for ProLights IP fixtures
- AETHERBOXONE IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, 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



Visit our website for specifications and tech documentations