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# **Astra** Profile1200IP

ORDER CODE: ASTRAPROF1200IP



**Source**

1'400W White LED (driven @1'200W)

**Zoom range**

5,4° - 51° motorised linear zoom

**IP rating**

IP65 for temporary outdoor use (*)

**Weight**

55kg / 121.25lbs

The **Astra** Profile1200IP is an advanced, large format IP65 LED moving profile, engineered to be bright and offer robust performance under any indoor and outdoor conditions.

This unit boasts a stunning 54.000 lumen (fixture output with goniometer), ensuring exceptional brightness.

The large 185mm front lens projects a full and consistent beam of light, adjustable from 5° to 50° via its motorized zoom system and precision internal optics being an ideal for use as key light.

The **Astra** Profile1200IP's comprehensive features include linear CMY+CTO color mixing and a dedicated color wheel, dual rotating gobo wheels and a 4-layer framing shutter system on individual planes and capable of producing a curtain effect. Additionally the effect section includes an animation wheel, dual frost filters, dual prism, and a motorized iris, enhancing its flexibility and creative potential.

For seamless integration and user convenience, the **Astra** Profile1200IP is equipped with CRMX wireless connectivity and supports multiple ethernet protocols, making it a versatile and user-friendly choice for various settings.

## MAIN FEATURES

- 1200W White LED source 7000K, 54.000 lumen output
- 185 mm front lens with a 5°-50° zoom
- CMY+CTO Color mixing, one color wheel, 2 rotating gobo wheels, 4 framing shutters, 1 animation wheel, 2 frost, 2 prisms, iris
- IP65 ratio

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# **Astra** Profile1200IP

PROLIGHTS

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## TECHNICAL SPECIFICATIONS

### 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: prisms overlap for spectacular aerial effects
- Circular prism: 4-f with bi-directional rotation, indexing
- Linear prism: 6-f with bi-directional rotation, indexing
- Frost: dual soft-edge and heavy with one interchangeable element
- Iris: 5 - 100% motorised iris

### GOBOS

- Gobo wheel 1: 6 rotating gobos + open, interchangeable, indexing
- Gobo size: preliminary data: outer: 30 mm - image: 25 mm - thickness: 1,1 mm
- Gobo wheel 2: 6 rotating gobos + open, interchangeable, indexing
- Gobo size: preliminary data: outer: 30 mm - image: 25 mm - thickness: 1,1 mm

### CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 45ch
- 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 50,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX2 (not included) or via USB pen drive

### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1843W
- Output (at 230V): 1 units on a single power line
- Standby power: 170 W
- Power factor: > 0,96

### (*)

- NOTE: Suitable for permanent outdoor use, provided that installation and periodic maintenance are carried out by qualified technicians.

### LIGHT SOURCE

- Source: 1'400W White LED (driven @1'200W)
- Source CCT: 7.000K
- Luminous flux: (5,4°) 21'906 lm - (50,9°) 54'599 lm @Full
- Lux: (5,4°) 125'003 lx (50,9°) 4'008lx @5 m full
- CRI: > 70 (CRI > 90 with High CRI filter on color wheel)
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

### OPTICS

- Zoom range: 5,4° - 51° motorised linear zoom
- Lens diameter: 185mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit

### COLOUR SYSTEM

- Colour mixing: linear CMY
- CCT: linear CTO correction 2.700 K ~ 7.000 K
- Colour wheel: High CRI filter + 5 colour filters + open

### 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 Art-Net RJ45 IN/OUT
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

### PHYSICAL

- IP rating: IP65 for temporary outdoor use (*)
- Cooling: heat pipe with low-noise fan
- Housing: Weatherproof IP65 construction
- Finish: black
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 539x916x355mm
- Weight: 55kg

### INSTALLATION

- Suspension and fixing: any position with quick-lock Omega brackets
- Hardware on-board: ancor points on the front for accessory mounting
- Transportation: carrying handles on the base and additional retractable carrying handles on the arms

### CERTIFICATIONS / REPORTS

- Compliance: CE, RCM

### BOX CONTENT

- 1 x ASTRAPROF1200IP
- 2 x OSIP30PLUS
- 1 x Antenna
- 1 x 1,5 meters 3G2,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

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## ACCESSORIES & RELATED PRODUCTS



**FCLASTRAP1200IP**
Flight case for 1 pc of ASTRAPROF1200IP



**OSIP30PLUS**
Quick-lock omega bracket, 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, POE



**AETHERBOXONE**
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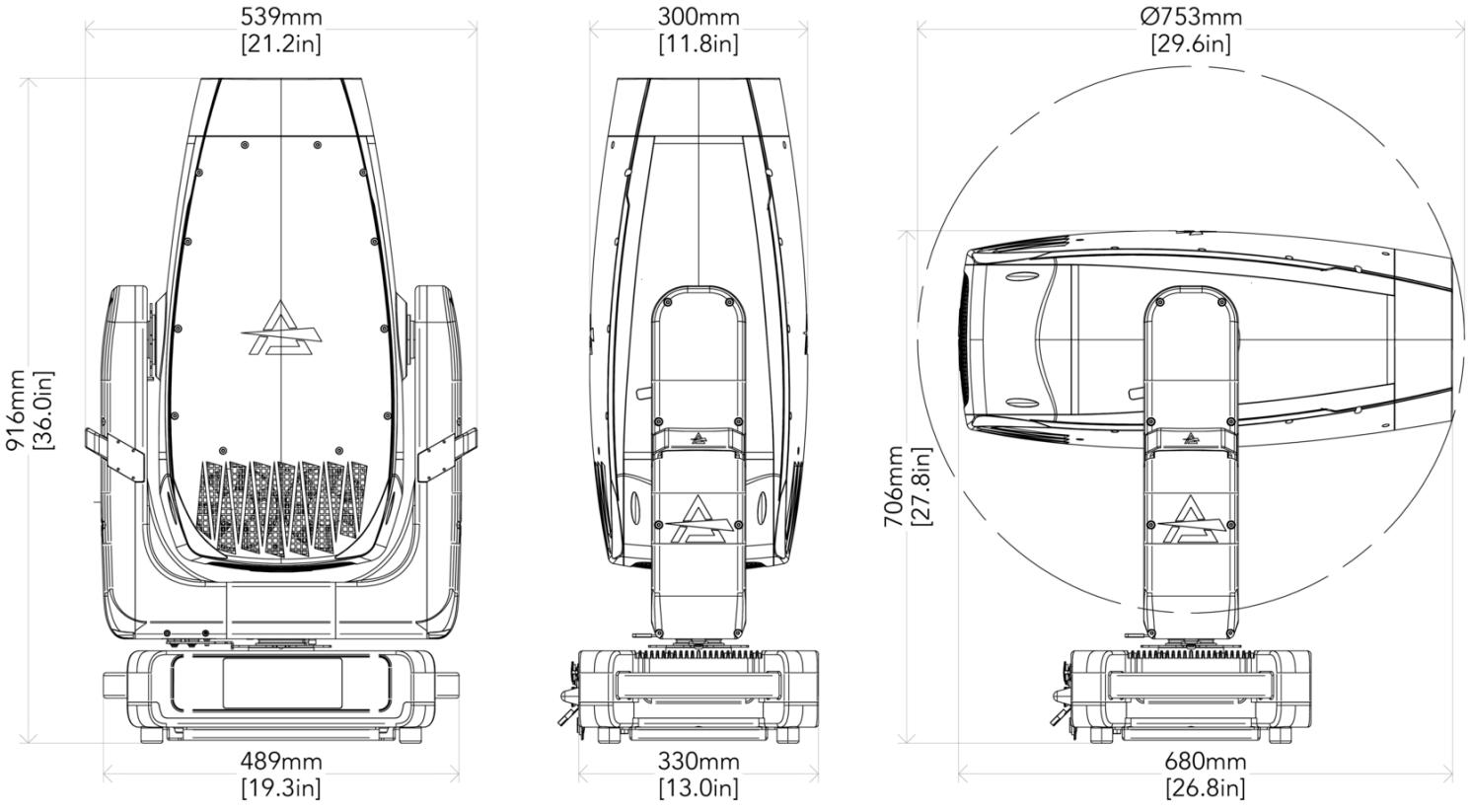


**C6002B**
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



**UPBOXPRO**
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

## TECHNICAL DRAWINGS



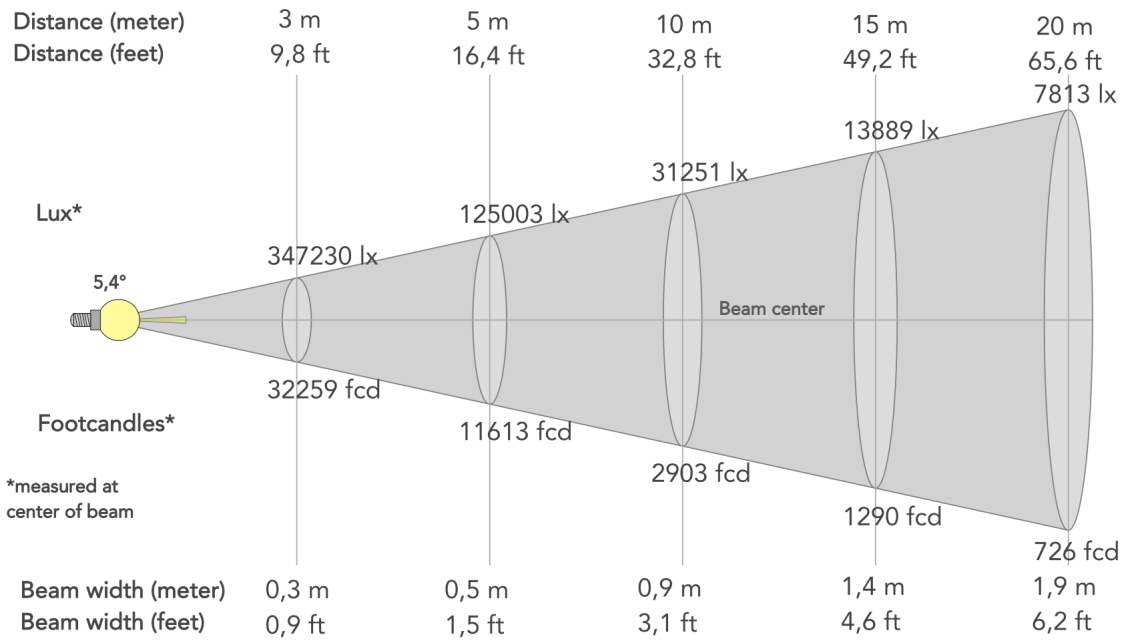
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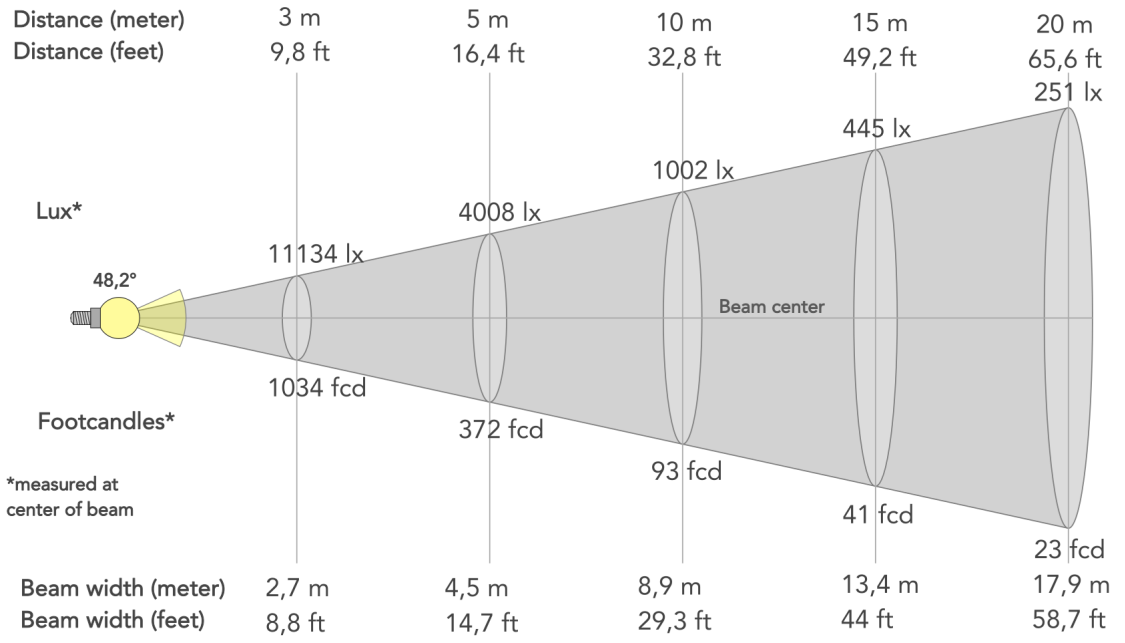
## PHOTOMETRICS

### Full On - Min Zoom




| | | |
|---|---|---|
| Beam angle (50%): **5.4°** | Field angle (10%): **6.1°** | Cut-off angle (2.5%): **6.3°** |

### Full On - Max Zoom




| | | |
|---|---|---|
| Beam angle (50%): **48.2°** | Field angle (10%): **50.9°** | Cut-off angle (2.5%): **52.2°** |

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