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Astra Profile600IP

ORDER CODE: ASTRAPROFILE600IP



Source

600W White LED

Zoom range

7° - 62° motorised linear zoom

IP rating

IP65 for temporary outdoor use (*)

Weight

40kg / 88.18lbs

The **Astra** Profile600IP is a bright, waterproofed (IP65) LED profile moving light, designed for any large-scale touring applications and exterior installations.
Despite its waterproof exterior, this unit is tremendously bright and offers a superior evenness compared to other fixtures in the same class.
Its light source delivers a pure white light emission at 6,500K, reaching 21,200 lumens whilst achieving a flat field beam projection.
The **Astra** Profile600IP's optical system moves linearly from 7° to 62°, and it's equipped with a brand-new 600W LED source
The extensive feature set of the **Astra** Profile600IP includes a 4-layer motorized framing system, linear CMY and CTO, 5,600K high CRI filter, colour and gobo wheels, frost filter, prism, and an iris.

MAIN FEATURES

- IP65 LED Moving Profile equipped with a 600W long life LED source (6,500K)
- 7° to 62° linear zoom
- 4-layer motorized framing shutters, Linear CMY+CTO, 5,600K high CRI filter, animation wheel, gobo and colour wheels, one frost filter, prism and iris

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

OPTICS

- Zoom range: 7° - 62° motorised linear zoom
- Lens diameter: 150mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit

DYNAMIC EFFECTS

- 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
- Circular prism: 4-f with bi-directional rotation, indexing
- Frost: linear 0-100%
- Iris: 5 - 100% motorised iris

GOBOS

- Gobo wheel 1: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 29,9 mm - image: 22 mm - thickness: 1,1 mm

CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 29 / 39 / 54ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Other: 16bit control of dimmer and colour

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 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)

(*)

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

BOX CONTENT

- 1 x ASTRAPROFILE600IP
- 2 x OSIPPLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- 1 x Antenna

LIGHT SOURCE

- Source: 600W White LED
- Source CCT: 6.500K
- Luminous flux: (7°) 14'877 lm - (62°) 21'200
- Lux: (7°) 57'569 lx - (62°) 1'144lx @5 m
- CRI: > 70 (CCT 5.600K and CRI > 90 with high CRI filter on color wheel)
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

COLOUR SYSTEM

- Colour mixing: linear CMY
- CCT: linear CTO correction 2.700 K ~ 6.500 K
- Colour wheel: 5'600K high CRI filter + 6 colour filters + open

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

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

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 800W
- Standby power: 132 W
- Power factor: >0,97

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): 454x730x334mm
- Weight: 40kg

INSTALLATION

- Suspension and fixing: any position with quick-lock Omega brackets
- Mounting points: 4 quick-lock Omega sockets

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM

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ACCESSORIES & RELATED PRODUCTS



FCLASTRAH420IP
Flight case for 2 pcs of ASTRAHYB420 / ASTRAHYB420IP / ASTRAPROFILE600IP



OSIPPLUS
IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole



OSIPD13
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, POE



AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready

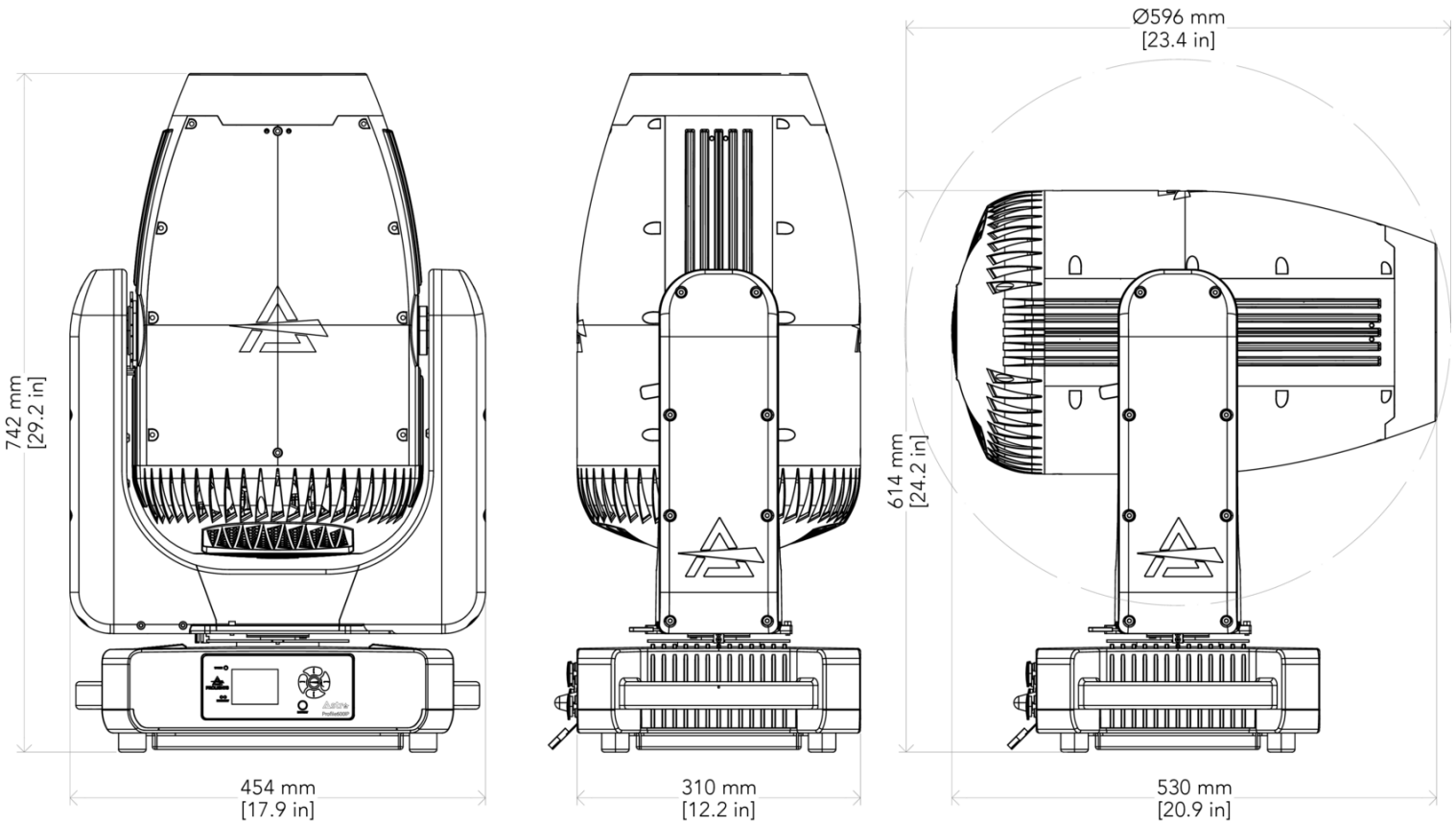


C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



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

TECHNICAL DRAWINGS



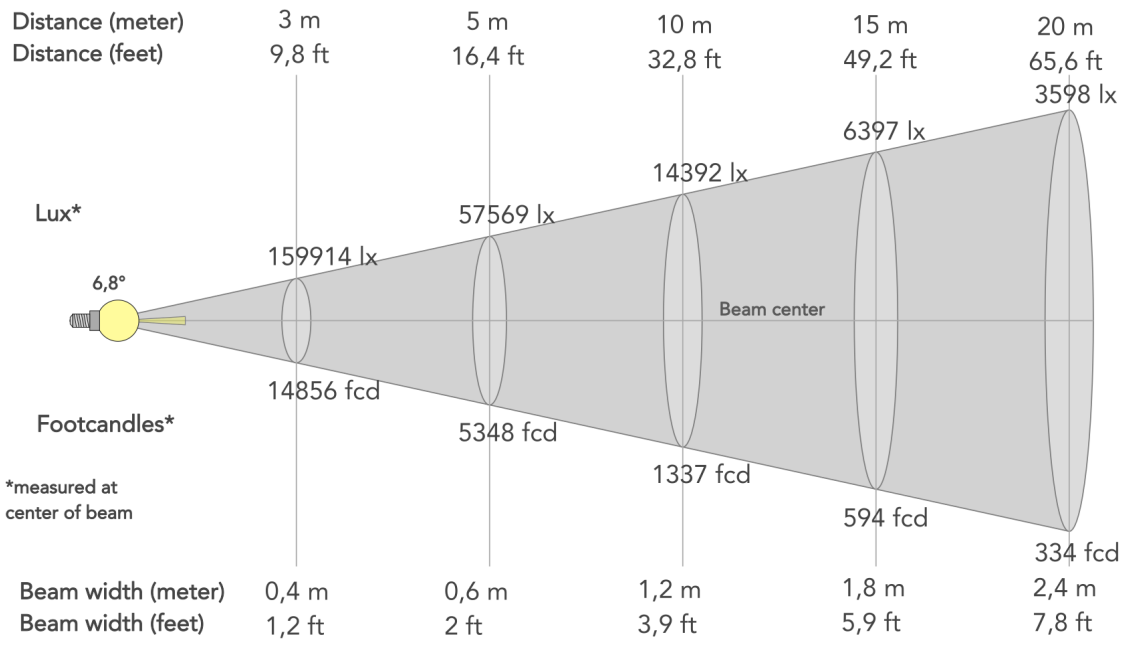
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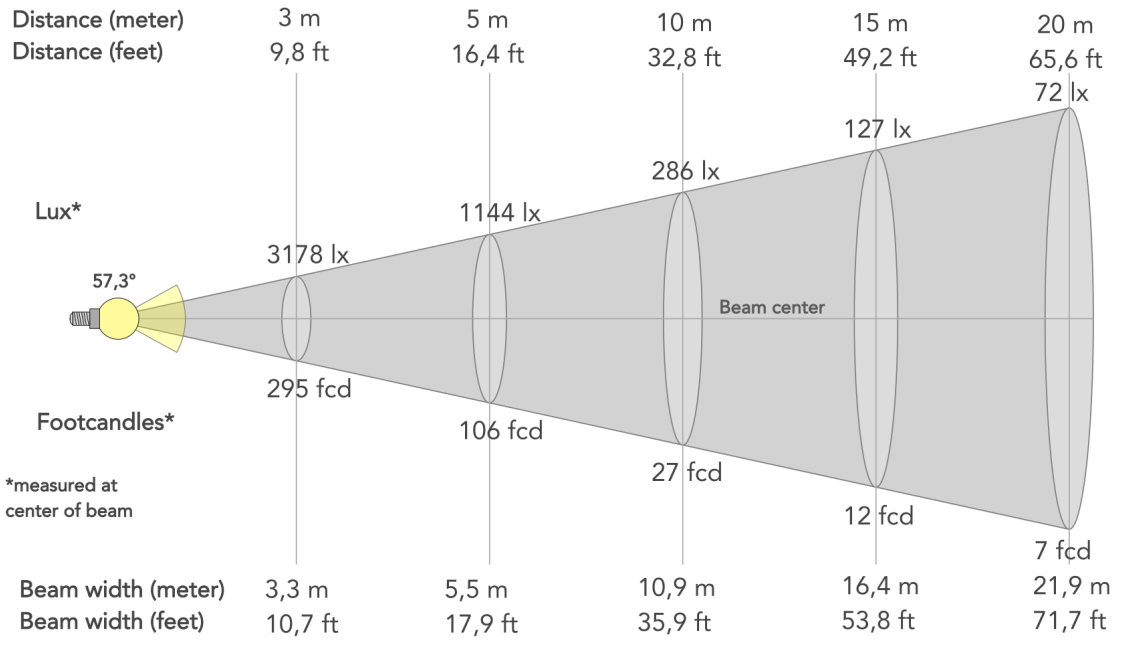
PHOTOMETRICS

Full On - Min Zoom



Beam angle (50%): **6.8°**	Field angle (10%): **7.5°**	Cut-off angle (2.5%): **8°**

Full On - Max Zoom



Beam angle (50%): **57.3°**	Field angle (10%): **61.8°**	Cut-off angle (2.5%): **66.2°**

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