

Astra Profile600IP

IP65 LED Moving Profile, with a 600W White source

ORDER CODE: **ASTRAPROFILE600IP**



The **Astra Profile600IP** is a bright, waterproofed (IP65) LED profile moving light, designed for any large-scale touring applications and exterior installations. Despite its waterproofed exterior, this unit is tremendous brightness and offers a superior evenness when comparing with 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

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 600W White LED
- 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)

OPTICS

- Zoom range: 7° - 62° motorised linear zoom
- Lens diameter: 150mm / 5.91"
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised

COLOUR SYSTEM

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

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
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 29,9 mm - image: 22 mm - thickness: 1,1 mm
- Circular prism: 4f with bi-directional rotation, indexing
- Frost: linear 0 - 100% frost filter
- Iris: 5 - 100% motorised iris

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
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 29 / 39 / 54channel
- Wireless Control: included, 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)
- 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: 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: 800W
- Standby power: 132 W
- Power factor: >0,97

PHYSICAL

- IP rating: IP65 for temporary outdoor use (*)
- 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: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: IP65 Art-Net RJ45 IN/OUT
- Power connection: Seetronic powerCON TRUE IP65 IN
- Dimensions (WxHxD): 454x730x334mm / 17.87"x28.74"x13.15"
- Weight: 40kg / 88.18lbs
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

CERTIFICATIONS / APPROVALS

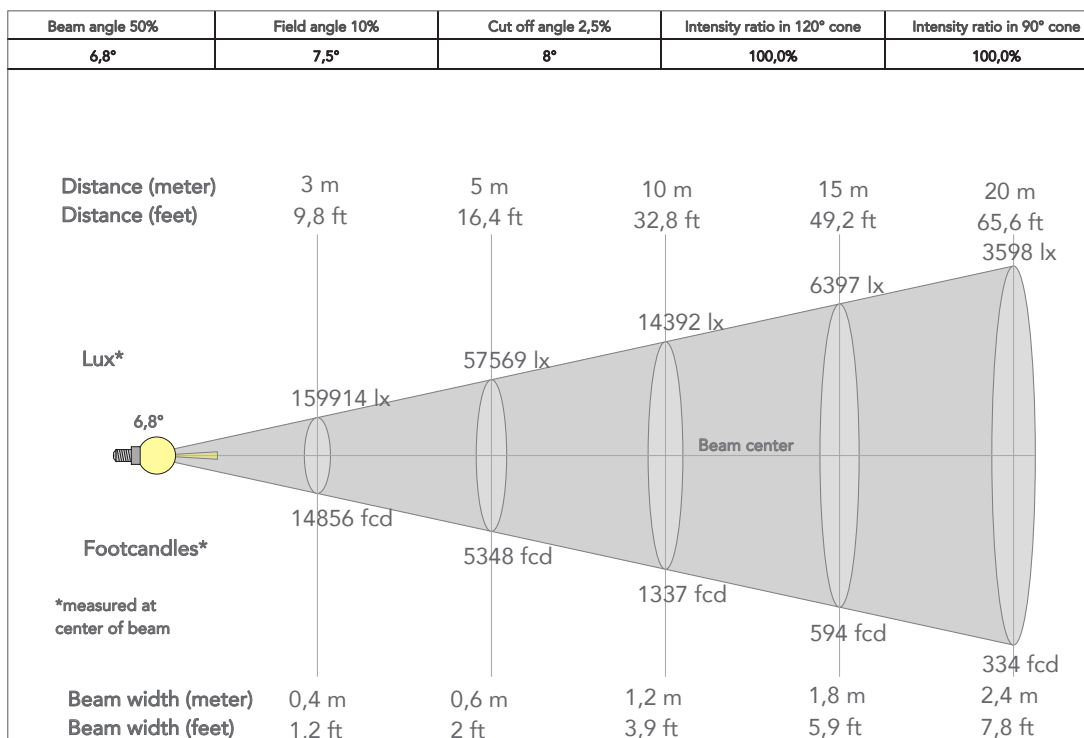
- Certifications / Approvals: CE, UKCA, RCM

ACCESSORIES & RELATED PRODUCTS

- | | | | |
|-------------------------|--|--------------------|---|
| ▪ ÆTHERBOX | IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready | ▪ OSIPD13 | IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole |
| ▪ ÆTHERBOXLITE | 1 Universe CRMX Wireless Transceiver | ▪ IPTESTBOX | Portable vacuum and pressure tester for ProLights IP fixtures |
| ▪ OSIPPLUS | IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole | ▪ C6002B | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black |
| ▪ FCLASTRAH420IP | Flight case for 2 pcs of ASTRAHYB420 / ASTRAHYB420IP / ASTRAPROFILE600IP | ▪ LRLUNA | Single Universe DMX transceiver with Bluetooth |
| | | ▪ UPBOXPRO | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector |

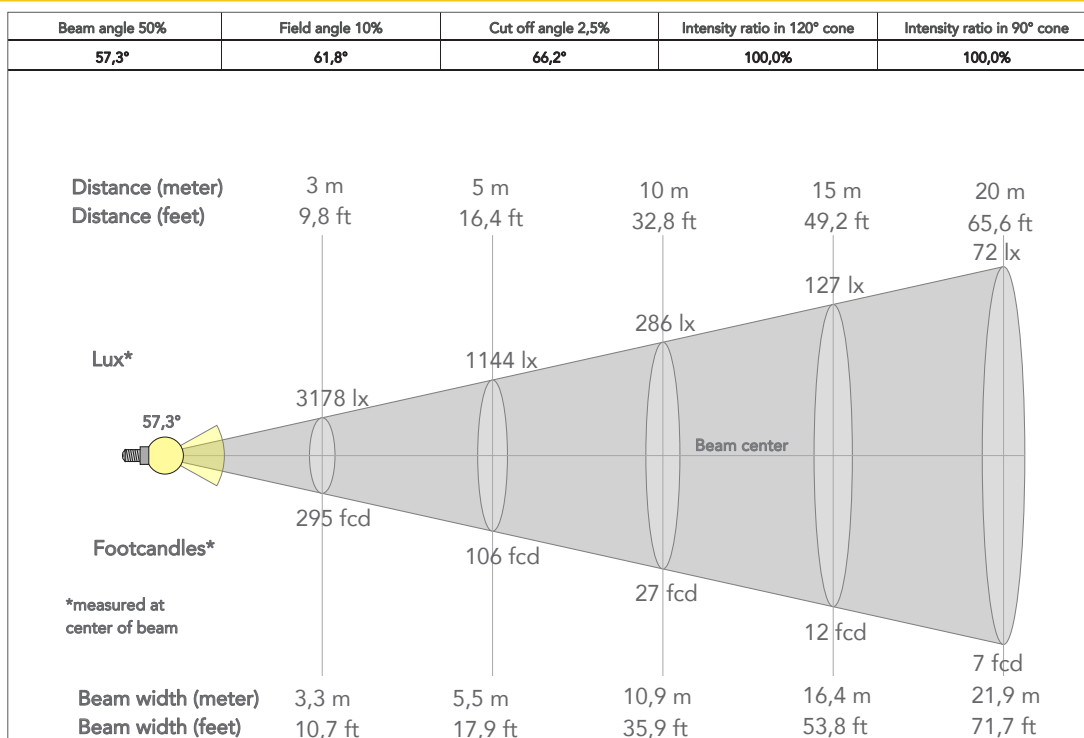
PRESET FULL ON

Beam angle 50%: 7°

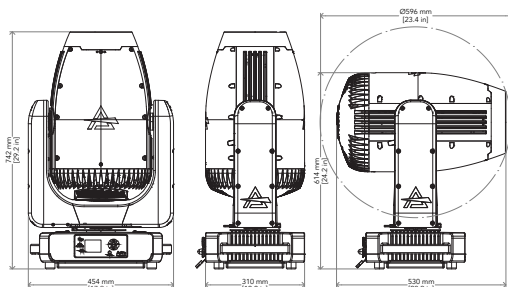


PRESET FULL ON

Beam angle 50%: 62°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

Visit our website
for specifications and
tech documentations

