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Astra Hybrid260IP

PROLIGHTS

ORDER CODE: ASTRAHYB260IP



Source

260W Phosphor Laser source

Zoom range

0,6° - 52,7° motorised linear zoom

IP rating

IP65 for temporary outdoor use (*)

Weight

34,5kg / 76.06lbs

The **Astra** Hybrid260IP is an advanced hybrid moving luminaire equipped with a powerful 260W Phosphor Laser source, designed to excel in both indoor and outdoor environments thanks to its IP65-rated construction.

A groundbreaking 165 mm front lens channels its laser energy into a sharply focused 0.6° beam, achieving an extraordinary 420,000 lux at 20 meters - far exceeding the output of traditional discharge 480W hybrids. With a 100× zoom range spanning from 0.6° to 52°, this fixture delivers everything from tight aerial beams to expansive stage spot, offering unmatched versatility for any show or event.

Beyond its formidable beam and zoom capabilities, the **Astra** Hybrid260IP boasts infinite Pan and Tilt rotation for fluid, dynamic movement effects and a comprehensive color system that includes linear CMY and CTO mixing plus 27 color filters on dedicated wheels. Add 12 rotating gobos, 29 static gobos, 8 prisms on overlapping wheels, and two frost filters (soft and heavy) into the mix, and the creative possibilities become virtually endless - whether illuminating mid-air or crafting intricate projected textures.

Despite its powerful performance and extensive feature set, the fixture remains surprisingly lightweight at just 34 kg, thanks to its durable magnesium alloy housing, while pull-out handles integrated into the arm simplify handling and rigging. This rugged design thrives in the challenging conditions of large arenas, outdoor festivals, touring stages, and permanent installations alike, positioning the **Astra** Hybrid260IP as a true all-weather champion that professional rental houses and production teams can rely on for robust, high-impact lighting solutions.

MAIN FEATURES

- IP65 hybrid moving light equipped with a 260W white phosphor Laser source
- Linear zoom ranging from 0.6° to 52°
- Pan&Tilt infinity rotation 360°, CMY and CTO, 27 color filters, 12 rotating and 29 fix gobos, 8 prisms, 2 frost

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE
- Source: 260W Phosphor Laser source
- Source CCT: 7'000K
- Lux: 417'219lx @20 m full
- Source life expectancy: > 12.000 h

OPTICS
- Zoom range: 0,6° - 52,7° motorised linear zoom
- Lens diameter: 165mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit

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

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): 430W
- Output (at 230V): 6 units on a single power line
- Standby power: 90 W
- Power factor: > 0,96

INSTALLATION
- Suspension and fixing: any position with quick-lock Omega brackets
- Transportation: retractable arm handles

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

BOX CONTENT
- 1 x ASTRAHYB260IP
- 2 x OSIPPLUS
- 1 x Antenna
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

COLOUR SYSTEM
- Colour mixing: linear CMY
- CCT: linear CTO correction 2.700 K ~ 7.000 K
- Colour wheel: open + 27 colour filters on two colour wheels

GOBOS
- Rotating gobos: 12 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 8,4 mm - image: 5 mm - thickness: 0,5 mm
- Fixed gobos: 29 fixed gobos + open

CONTROL
- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 33 / 37ch
- 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

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 Ethernet IP in/out connectors
- 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 with die-cast magnesium alloy
- Finish: black
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 435x742x266mm
- Weight: 34,5kg

CERTIFICATIONS / REPORTS
- Compliance: CE, RCM, FCC, cTUVus
- US FDA CDRH compliance: Certified and compliant with US FDA CDRH laser product requirements

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ACCESSORIES & RELATED PRODUCTS



FCLASTRAH260IP
Flight case for 2 pcs of ASTRAHYB260IP



FCLASTRAH260IPTL
Flight case per contenere 2 pc ASTRAHYB260IP, top load version



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, 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&White& White



RSR1235A
Steel security cable for hanging bodies, inox steel shackle, L=120 cm, silver



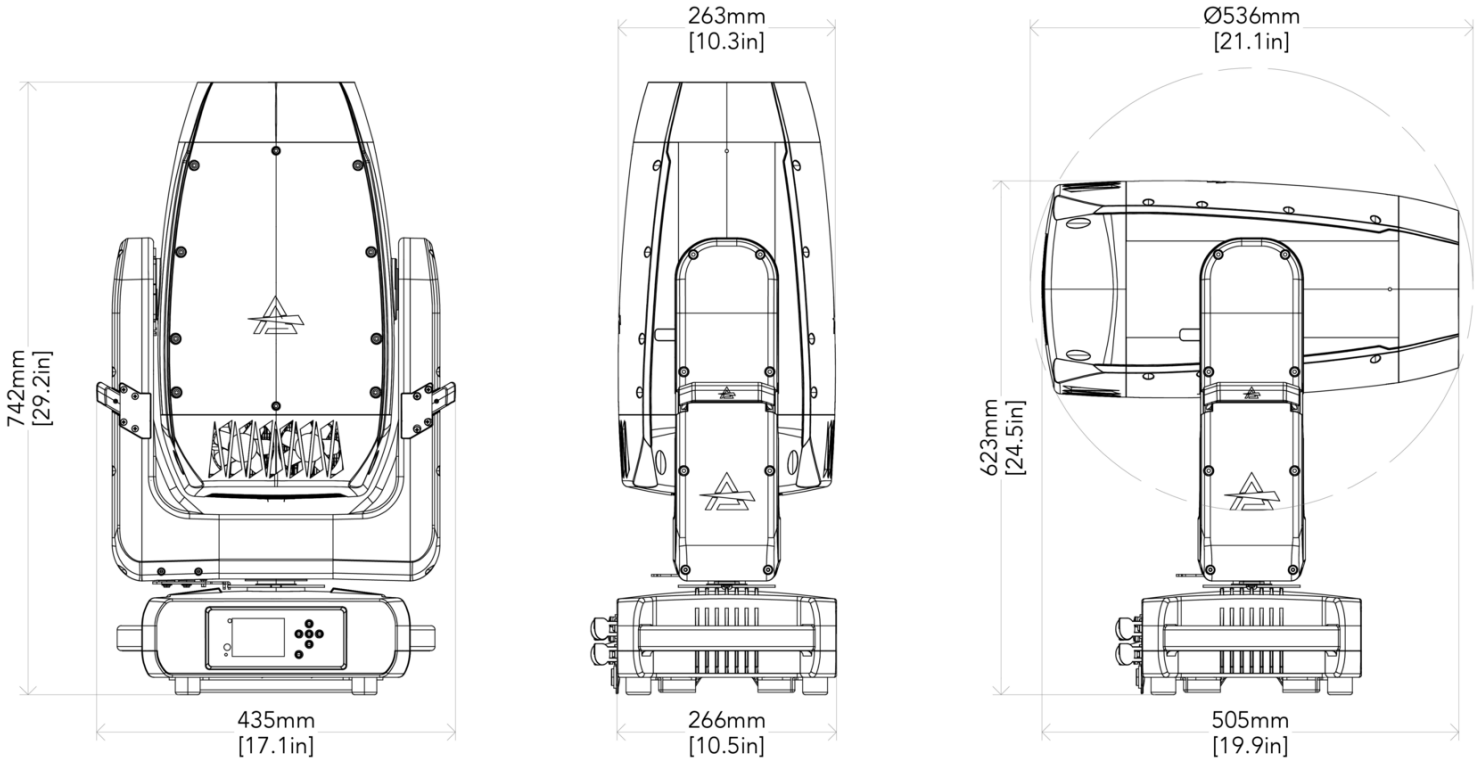
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS



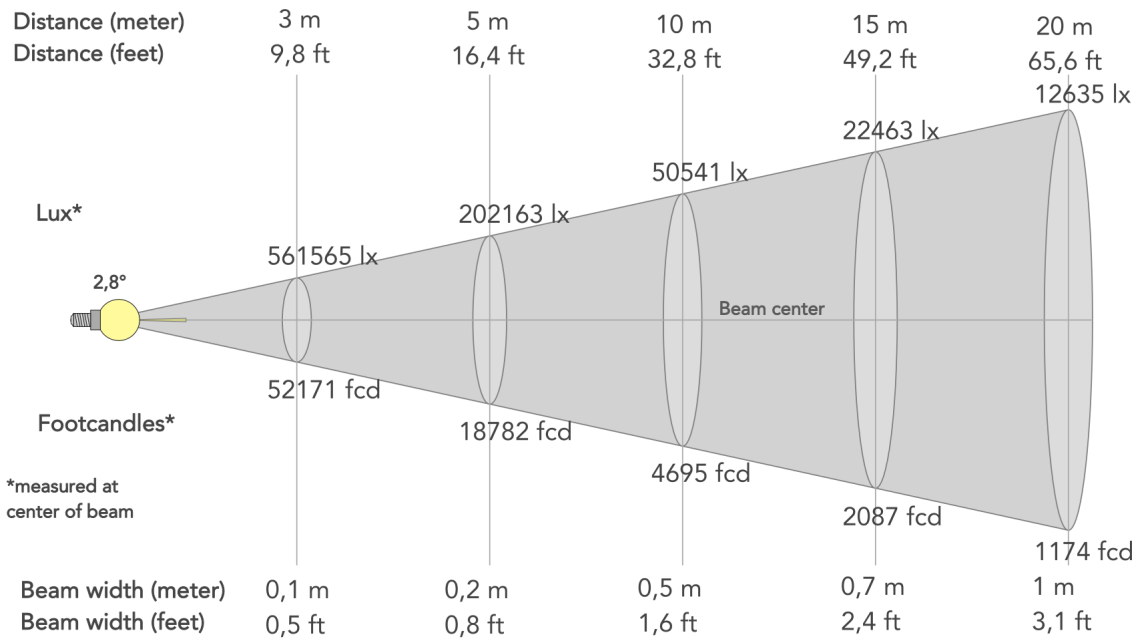
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PHOTOMETRICS

Full On - Max Zoom - Beam Mode



Beam angle (50%): **2.8°**	Field angle (10%): **3.6°**	Cut-off angle (2.5%): **5.1°**

MUSIC & LIGHTS S.r.l. | Via A. Olivetti, snc 04026 - Minturno (LT) ITALY | info@prolights.it Tel: +39 0771 72190 | **prolights.it** VAT No. IT 02057590594