Astra Hybrid330IP

ORDER CODE: ASTRAHYB330IP



Source

330W high-power white LED

Zoom range

3° - 50° motorised linear zoom

IP rating

IP65 for temporary outdoor use (*)

Weight

25kg / 55.12lbs

The **Astra** Hybrid330IP is a versatile, compact moving light, suitable for both indoor and outdoor settings, thanks to its IP65 rating.

Equipped with a 330W LED, this lightweight unit weighs only 25 kg. It offers a comprehensive range of features and visual effects, making it ideal for stages of various sizes. Its advanced optical system, featuring a 140 mm front lens, provides a zoom range from 3° to 50°, enabling both intense beam and spotlight functionalities.

Key features of the **Astra** Hybrid330IP include linear CMY color mixing, three color wheels, an animation wheel, dual overlapping prisms, a frost effect, and two gobo wheels.

MAIN FEATURES

- IP65 hybrid moving light with 330W LED source
- Linear zoom ranging from 3° to 50°
- 25 kg

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE
- Source: 330W high-power white LED
- Source CCT: 7.000K
- Luminous flux: (3°) 8'493 lm - (50°) 15'272
- Lux: (3°) 114'701 lx - (50°) 1'882lx @5 m full
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

COLOUR SYSTEM
- Colour mixing: CMY colour system on 3 gradually fading colour wheels
- CCT: on wheel 2.400 K and 3.200 K
- Colour wheel: HighCRI+8 dichroic filters on 3 independent colour wheels

DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer control
- Animation wheel: animation wheel with CW and CCW rotation
- FX generator: 2 prisms overlap for spectacular aerial effects
- Circular prism: 8-f with bi-directional rotation, indexing
- Linear prism: 6-f with bi-directional rotation, indexing
- Frost: linear 0-100%

CONTROL
- Supported Protocols: DMX512, RDM, ArtNet, sACN (IGMP v2), CRMX
- DMX channels: 29ch
- RDM: for remote addressing and parameter configuration
- Display: LCD high resolution colour display with autoflip

ELECTRONICS
- Dimmer: linear 0 - 100% mechanical 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

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

CERTIFICATIONS / REPORTS
- Compliance: CE, RCM, FCC, cTUVus

BOX CONTENT
- 1 x ASTRAHYB330IP
- 2 x OSIPPLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

OPTICS
- Zoom range: 3° - 50° motorised linear zoom
- Lens diameter: 140mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit

GOBOS
- Rotating gobos: 8 rotating gobos + open, interchangeable, indexing
- Gobo size: 19,9 mm outer / 16 mm image / up to 3 mm thickness
- Fixed gobos: 11 fixed gobos + 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/OUT
- 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

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz (max absolutes range: 90-264V - 50/60Hz)
- Max power consumption (230V): 557W
- Output (at 230V): 4 units on a single power line
- Standby power: 85W
- Power factor: > 0,98

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 (RAL 9004)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 393x684x266mm
- Weight: 25kg

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

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ACCESSORIES & RELATED PRODUCTS



FCLASTRAH330IPTL
Flight case for 2 pcs of ASTRAHYB330IP with top side loading



FCLASTRAH330IP
Flight case for 2 pcs of ASTRAHYB330IP



AHYB330IPBAG1U
Empty ABS case for 1 pc of ASTRAHYB330IP



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



IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures



9513FXWL03
Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m



9533FXWL03
Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m



958225L03
3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m



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



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



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



C6016B
Selflock slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black&White& White

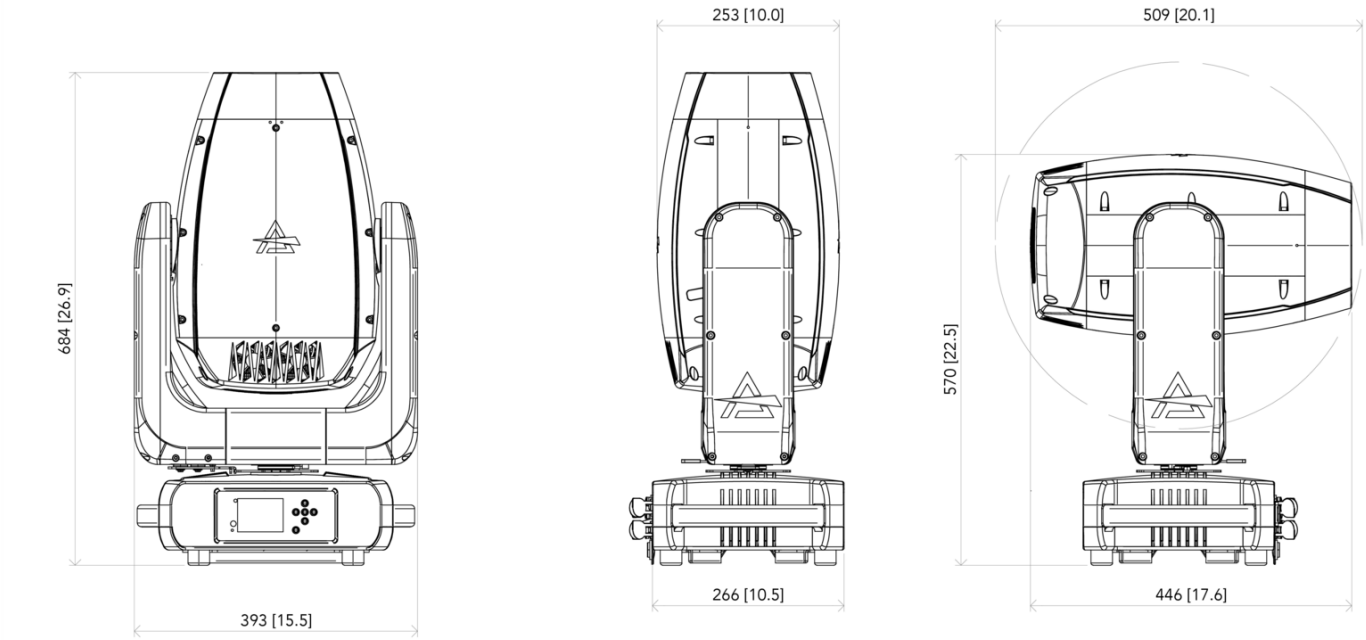


UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS

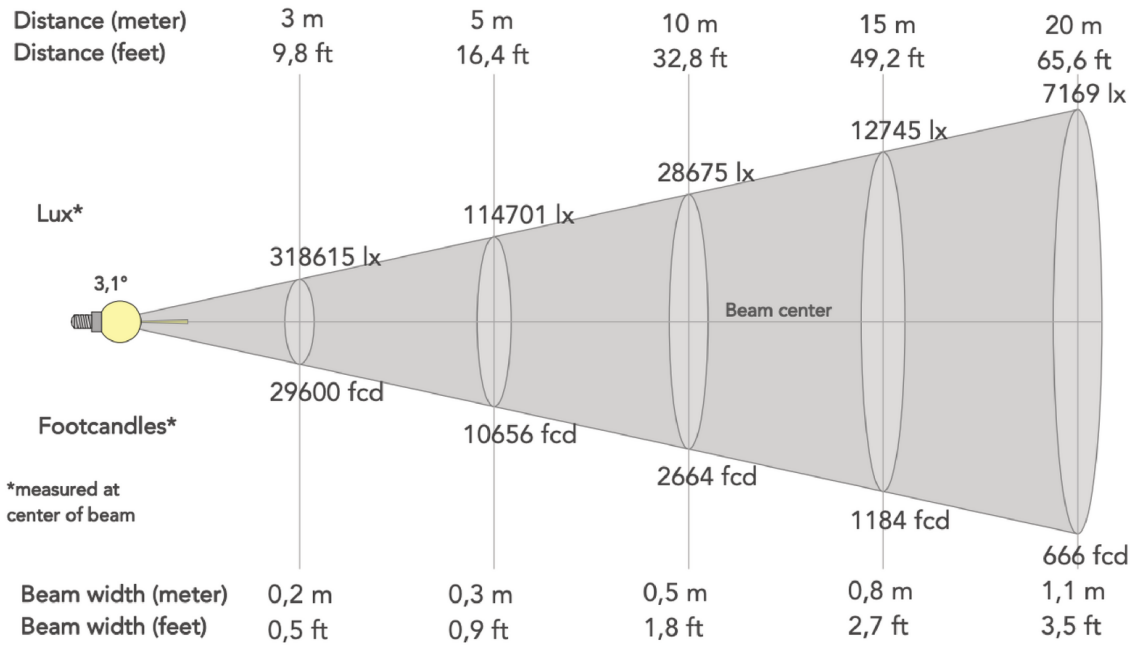


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PHOTOMETRICS

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
3,1°	4,2°	4,4°	94,9%	94,8%



Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
36,3°	47,1°	48,8°	94,4%	93,9%

