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Astra Hybrid330

ORDER CODE: ASTRAHYB330



Source

330W high-power white LED

Zoom range

3° - 50° motorised linear zoom

IP rating

IP20

Weight

21,6kg / 47.62lbs

The **Astra** Hybrid330 is a bright LED hybrid moving head that boasts exceptional power relative to its compact size, producing an array of breathtaking visual effects.

Its optical system offers a linear range from 3° to 50°, furnished with a sizable 140mm front lens. This unique combination enables an intense beam and homogenous spotlight, providing an exceptional lumen output and surpassing the evenness offered by arc-discharge fixture in its category.

The comprehensive features of the **Astra** Hybrid330 encompass a variety of functions. These include aerial effects with a dense, parallel beam and sharp projection textures, pattern effects, linear CMY, three colour wheels, an animation wheel, dual overlapping prisms, frost, and two gobo wheels.

MAIN FEATURES

- 330W LED hybrid moving light
- Zoom range from 3° to 50°
- Full features with linear CMY, animation wheel, two gobo wheels, three colour wheels, two prisms, and frost

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PROLIGHTS

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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

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% 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

PHYSICAL

- IP rating: IP20
- Cooling: heat pipe with low-noise fan
- Housing: Aluminium structure with high-resistance polycarbonate cover
- Finish: black (RAL 9004)
- Operating temperature: Ta -10 to +45 °C (+14 to +113 °F)
- Dimensions (WxHxD): 411x638x244mm
- Weight: 21,6kg

INSTALLATION

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

BOX CONTENT

- 1 x ASTRAHYB330
- 2 x OS24PLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK 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

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%

GOBOS

- Gobo wheel 1: 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: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: Neutrik 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): 544W
- Output (at 230V): 4 units on a single power line
- Standby power: 91W
- Power factor: > 0,98

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

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ACCESSORIES & RELATED PRODUCTS



FCLASTRAH330TL
Flight case for 2 pcs of ASTRAHYB330 with top side loading



FCLASTRAH330R2
Flight case for 2 pcs of ASTRAHYB330



FCLASTRAP400
Flight case for 3 pcs of ASTRAPROFILE400 / ASTRAHYB330



AHYB330BAG1U
Empty ABS case for 1 pc of ASTRAHYB330



OS24PLUS
Quick-lock omega bracket, M12 hole



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



RSR1235B
Steel security cable for hanging bodies, inox steel shackle, L=120 cm, black



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



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



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

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



LRAURORA
Single Universe DMX/RDM transceiver with WiFi and Bluetooth



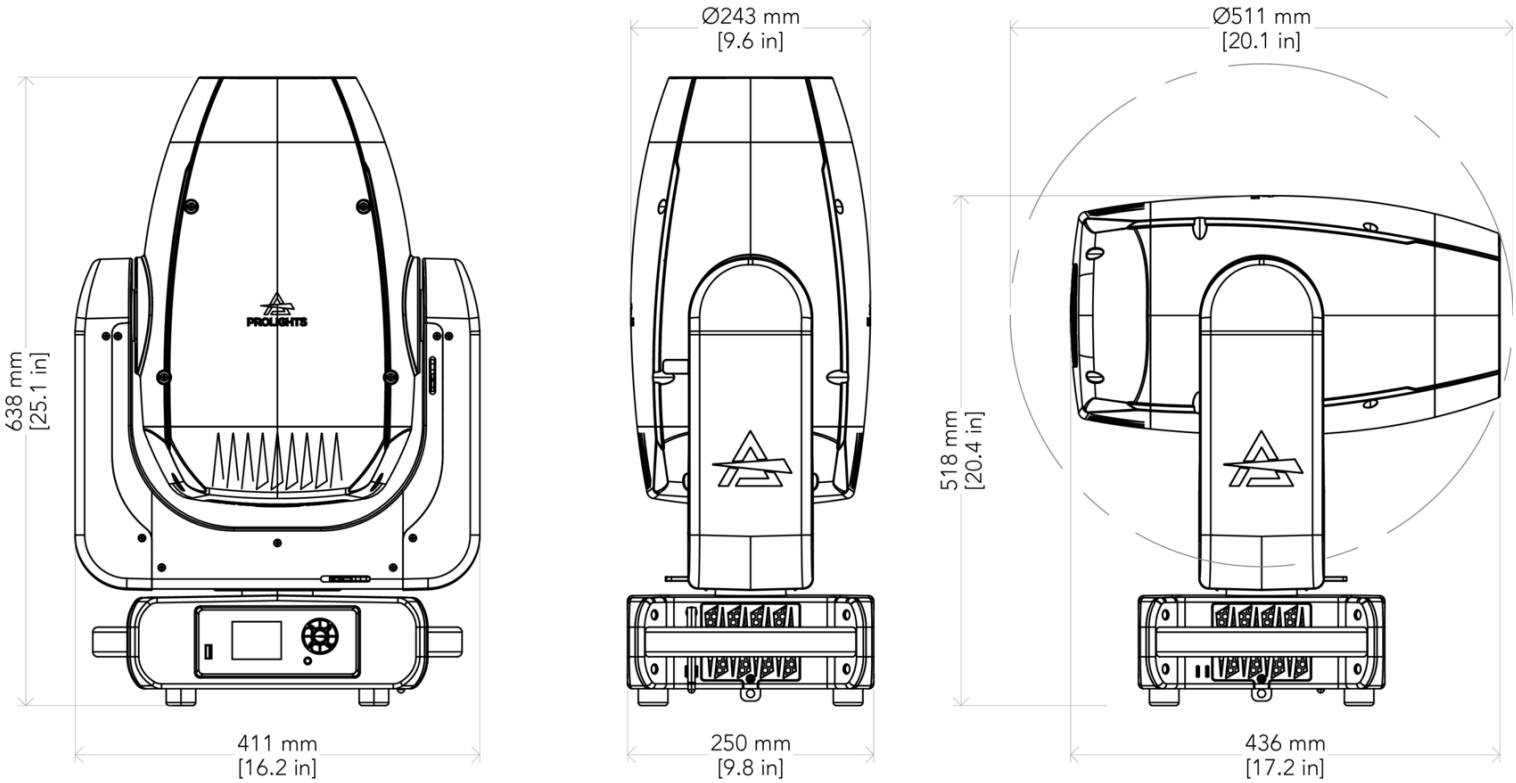
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS



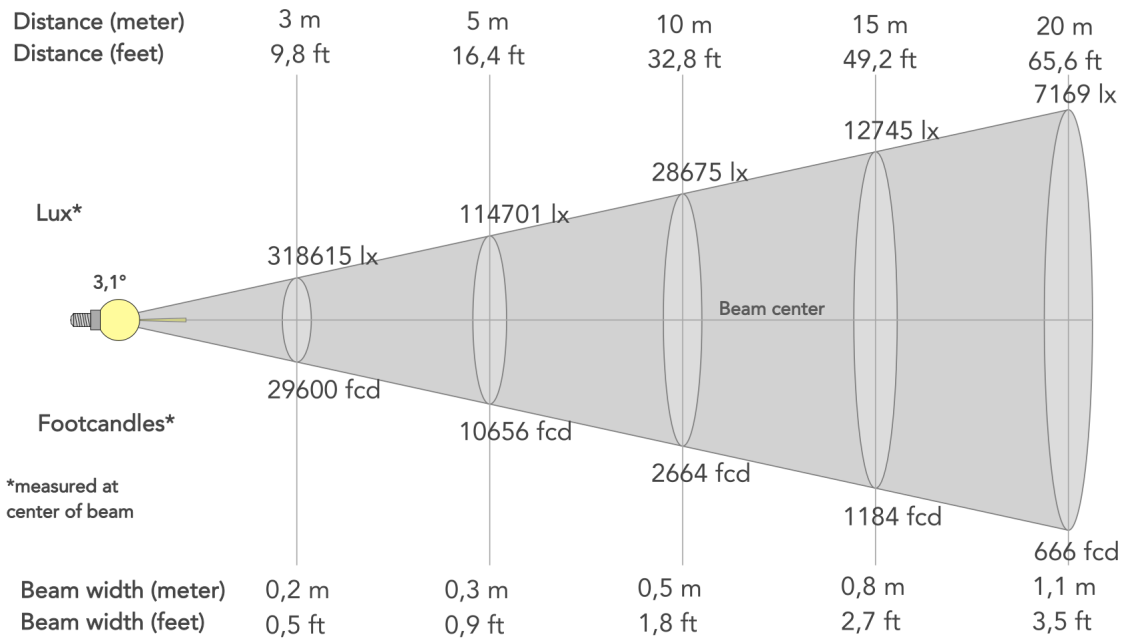
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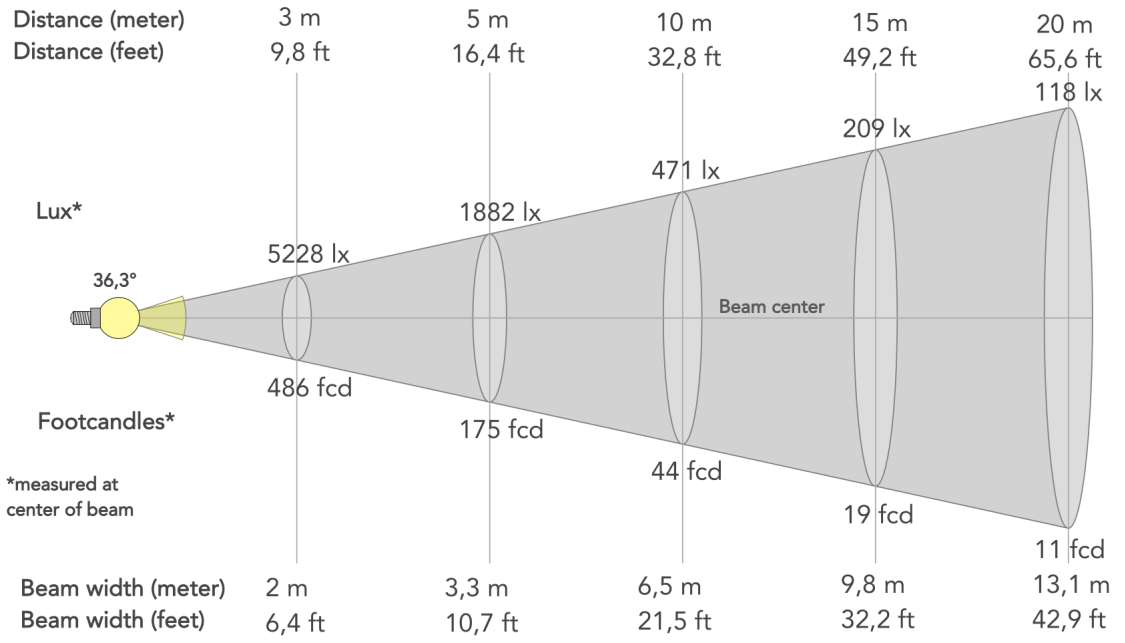
PHOTOMETRICS

Full On - Min Zoom



Beam angle (50%): **3.1°**	Field angle (10%): **4.2°**	Cut-off angle (2.5%): **4.4°**

Full On - Max Zoom



Beam angle (50%): **36.3°**	Field angle (10%): **47.1°**	Cut-off angle (2.5%): **48.8°**

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