

Astra Hybrid330

330W hybrid beam-spot light with 3.5-52° zoom and linear CMY

ORDER CODE: **ASTRAHYB330**



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

TECHNICAL SPECIFICATION

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)

OPTICS

- Zoom range: 3° - 50° motorised linear zoom
- Lens diameter: 140mm / 5.51"
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 16-bit

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%

GOBOS

- Rotating gobos: 8 rotating gobos + open, interchangeable, indexing
- Gobo size: 20 mm outer / 16 mm image / up to 3 mm thickness
- Fixed gobos: 11 fixed gobos + open

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

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

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 50000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX2 (not included) or via USB pen drive

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): 517W
- Output (at 230V): 4 units on a single power line
- Standby power: 91W
- Power factor: > 0,98

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 / 16.18"x25.12"x9.61"
- Weight: 21,6kg / 47.62lbs

INSTALLATION

- Suspension and fixing: any position with quick-lock omega brackets
- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

BOX CONTENT

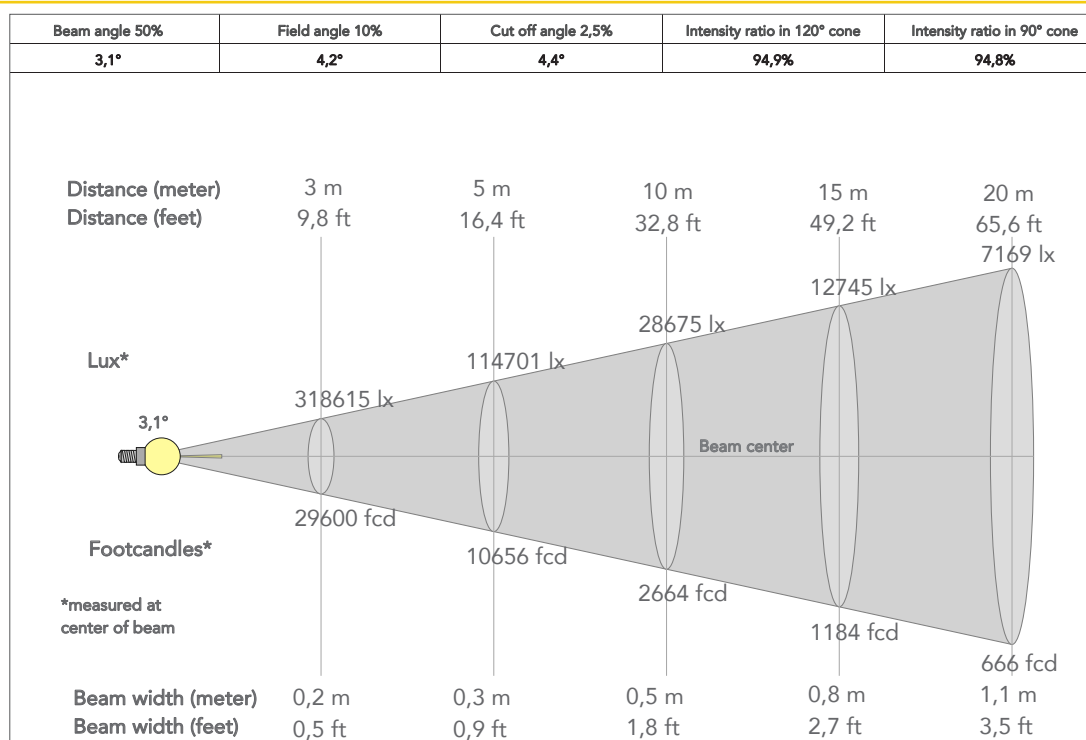
- 1 x ASTRAHYB330
- 2 x OS24PLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User manual

ACCESSORIES & RELATED PRODUCTS

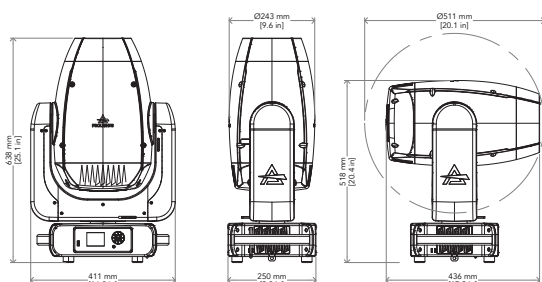
- FCLASTRAH330TL Flight case for 2 pcs of ASTRAHYB330 with top side loading
- FCLASTRAH330R2 Flight case for 2 pcs of ASTRAHYB330
- FCLASTRAP400 Flight case for 3 pcs of ASTRAPROFILE400
- AHYB330BAG1U Empty ABS case for 1 pc of ASTRAHYB330
- OS24PLUS Quick-lock omega bracket, M12 hole
- ÆTHERBOXONE IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
- ÆTHERBOX 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
- 9533FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO 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. CANCEMXX XLR 5p->CANCEFXX 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

PRESET FULL ON

Beam angle 50%: 3°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations

