

# 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
- CCT: 7.000
- 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

### 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: 9 dichroic filters on 3 independent colour wheels
- Colour wheel: High CRI colour filters

### DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos: 8 rotating gobos + open, interchangeable, indexing
- Gobo size: outer: 20 mm - image: 16 mm - thickness: up to 3 mm
- Fixed gobos: 11 fixed gobos + open
- FX generator: 2 prisms overlap for spectacular aerial effects
- Circular prism: 8f with bi-directional rotation, indexing
- Linear prism: 6f with bi-directional rotation, indexing
- Frost: linear 0 - 100% frost filter

### BODY

- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Pan range: 540°
- Tilt range: 270°
- Pan/Tilt resolution: bit 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with high-resistance polycarbonate cover
- Body colour: RAL 9004

## ACCESSORIES & RELATED PRODUCTS

- |                  |  |                |  |
|------------------|--|----------------|--|
| • ÆTHERBOX       | IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready | • RSR1235B     | Steel security cable for hanging bodies, inox steel shackle            |
| • ÆTHERBOXLITE   | 1 Universe CRMX Wireless Transceiver   | • 9533FXWL03   | Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m            |
| • FCLASTRAH330TL | Flight case for 2 pcs of ASTRAHYB330 with top side loading                                       | • 9513FXWL03   | Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m |
| • FCLASTRAH330R2 | Flight case for 2 pcs of ASTRAHYB330   | • 958225L03    | 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m          |
| • FCLASTRAP400   | Flight case for 3 pcs of ASTRAPROFILE400   | • TOUR53415L03 | Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m           |
| • AHYB330BAG1U   | Empty ABS case for 1 pc of ASTRAHYB330   | • LRAURORA     | Single Universe DMX/RDM transceiver with WiFi and Bluetooth            |
| • OS24PLUS       | Quick-lock omega bracket, M12 hole   | • LRLUNA       | Single Universe DMX transceiver with Bluetooth                         |
| • C6002B         | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black                               | • UPBOXPRO     | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector             |

### CONTROL

- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 29channel
- 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: LCD high resolution colour display with autoflip
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX2 (USB-DMX interface not included) or via USB pen drive
- Other: Ethernet pass through in case of failure

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +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 absolutes range: 90-264V - 50/60Hz)
- Max power consumption: 517W
- Standby power: 91W
- Output (at 230V): 4 units on a single power line
- Power factor: > 0,98

### PHYSICAL

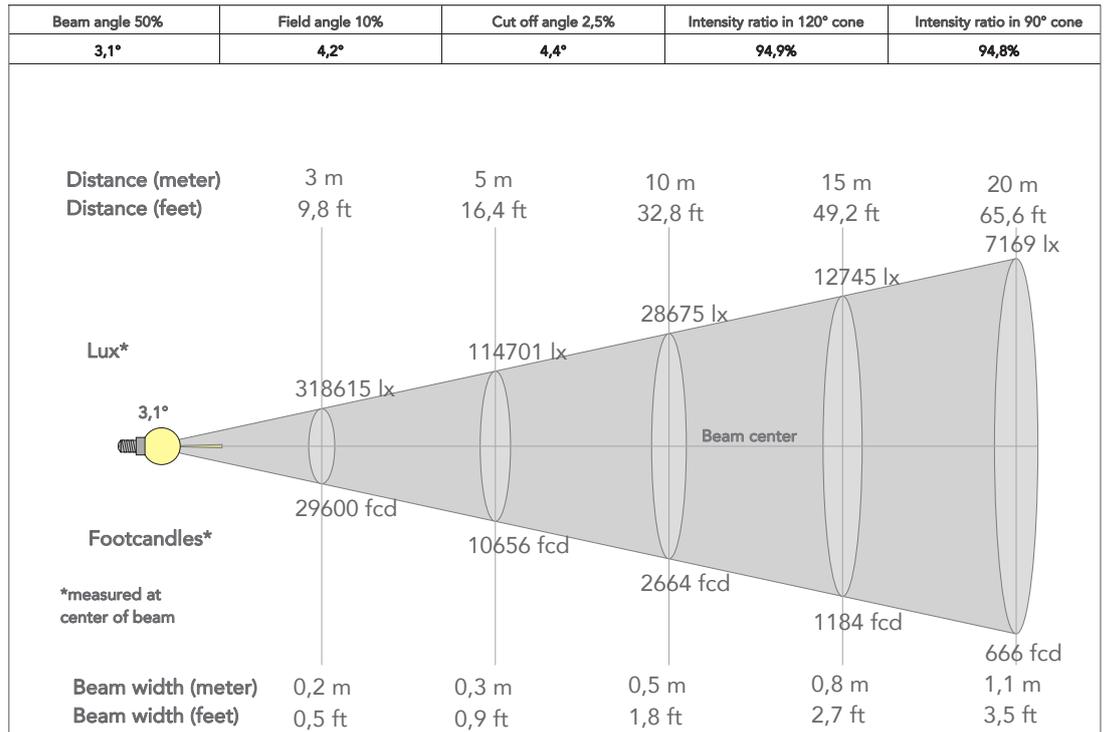
- IP rating: IP20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: for transportation and maintenance
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection: Neutrik Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD): 411x638x244mm / 16.18"x25.12"x9.61"
- Weight: 21,6kg / 47.62lbs

### CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, RCM, FCC, cTUVus

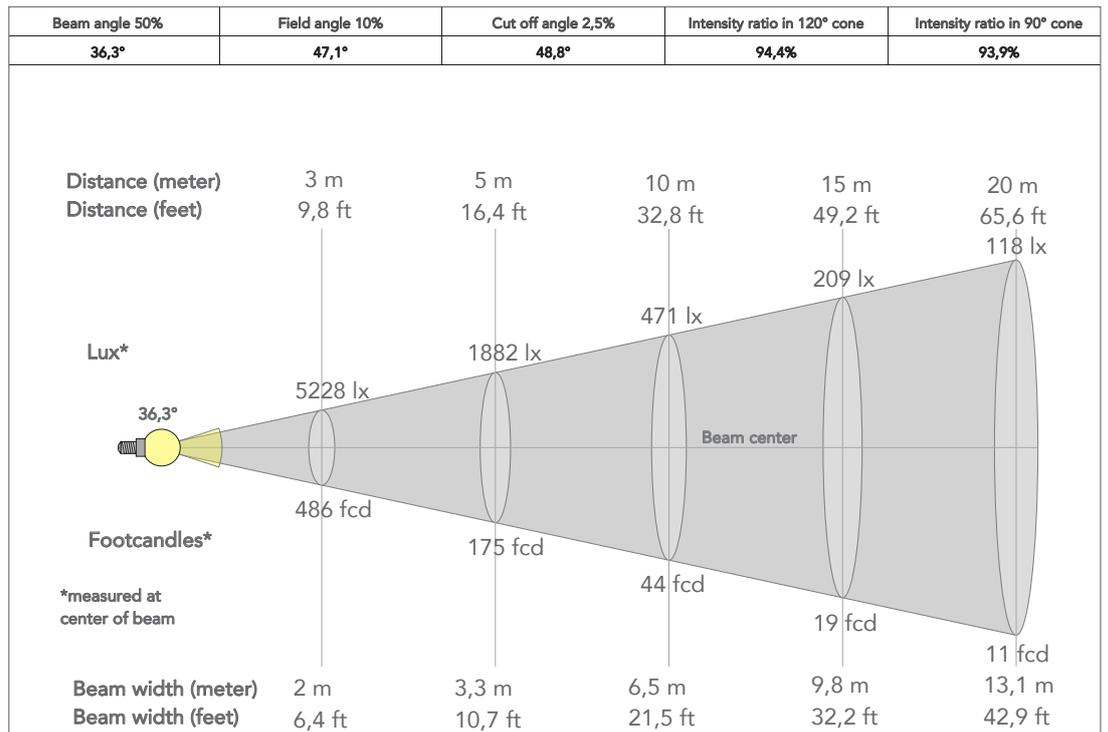
**PRESET FULL ON**

Beam angle 50%: 3°

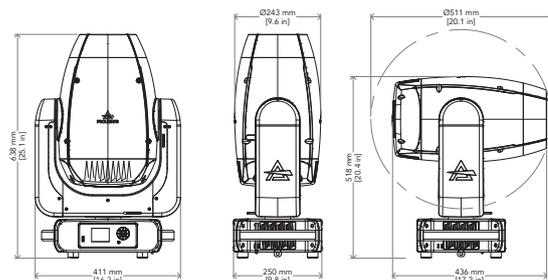


**PRESET FULL ON**

Beam angle 50%: 52°



**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

