

Astra Hybrid330IP

330W Hybrid Moving head, IP65 with 3° - 50° zoom and CMY

ORDER CODE: **ASTRAHYB330IP**



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

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 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: weatherproof IP65 construction with die-cast magnesium alloy
- Body colour: RAL 9004

CONTROL

- Protocols: DMX512, RDM, Art-Net, sACN, W-DMX
- 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 PSU or Master PCB failure

ELECTRONICS

- Dimmer: linear 0 ~ 100% mechanical dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° C / +45° C (-4° F / +113° F) 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: 557W
- Standby power: 85W
- Output (at 230V): 4 units on a single power line
- Power factor: > 0,98

PHYSICAL

- IP rating: IP65 for temporary outdoor use (*)
- 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: IP65 Seetronic XLR 5p IN/OUT connectors
- Data connection: IP65 Art-Net RJ45 IN/OUT
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Dimensions (WxHxD): 393x684x266mm / 15.47"x26.93"x10.47"
- Weight: 25kg / 55.12lbs
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

CERTIFICATIONS / APPROVALS

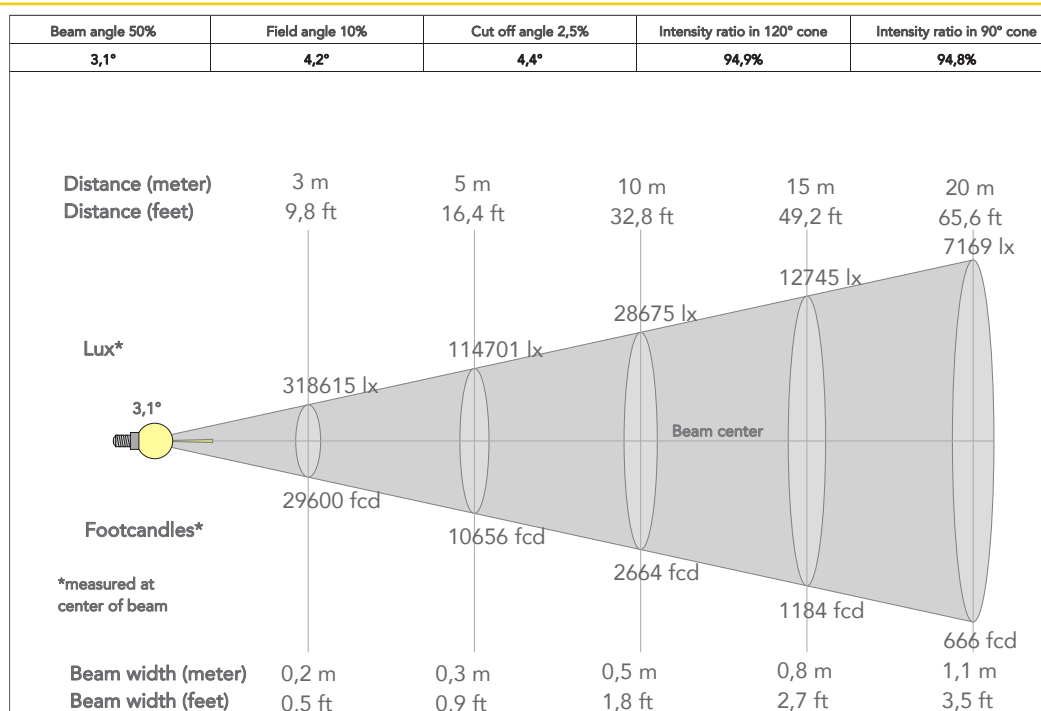
- Certifications / Approvals: CE, RCM, FCC, cTUVus

ACCESSORIES & RELATED PRODUCTS

▪ ÆTHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready	▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m
▪ ÆTHERBOXLITE	1 Universe CRMX Wireless Transceiver	▪ 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
▪ FCLASTRAH330IPTL	Flight case for 2 pcs of ASTRAHYB330IP with top side loading	▪ RSR1235A	Steel security cable for hanging bodies, inox steel shackle, L=120 cm, silver
▪ FCLASTRAH330IP	Flight case for 2 pcs of ASTRAHYB330IP	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ AHYB330IPBAG1U	Empty ABS case for 1 pc of ASTRAHYB330IP	▪ C6016B	Selflock slim clamp, 250Kg load, 48-51mm tubes, M10 bolt incl, Black
▪ OSIPPLUS	IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole	▪ LRLUNA	Single Universe DMX transceiver with Bluetooth
▪ IPTSTBOX	Portable vacuum and pressure tester for ProLights IP fixtures	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ 9513FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m		

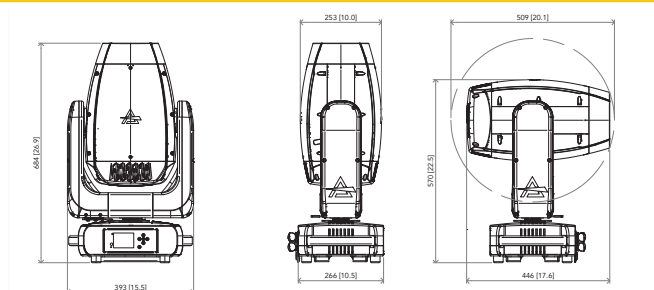
PRESET FULL ON

Beam angle 50%:



TECHNICAL DRAWINGS

CERTIFICATIONS / APPROVALS



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

Visit our website
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tech documentations

