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

LUMINOUS FLUX (MAX)
8'493 lm

Downloaded on 29/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

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)

OPTICS

Zoom range:	3° - 50° motorised linear zoom
Lens diameter:	140mm
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

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

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 50,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX2 (not included) or via USB pen drive

Downloaded on 29/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

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

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

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)

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

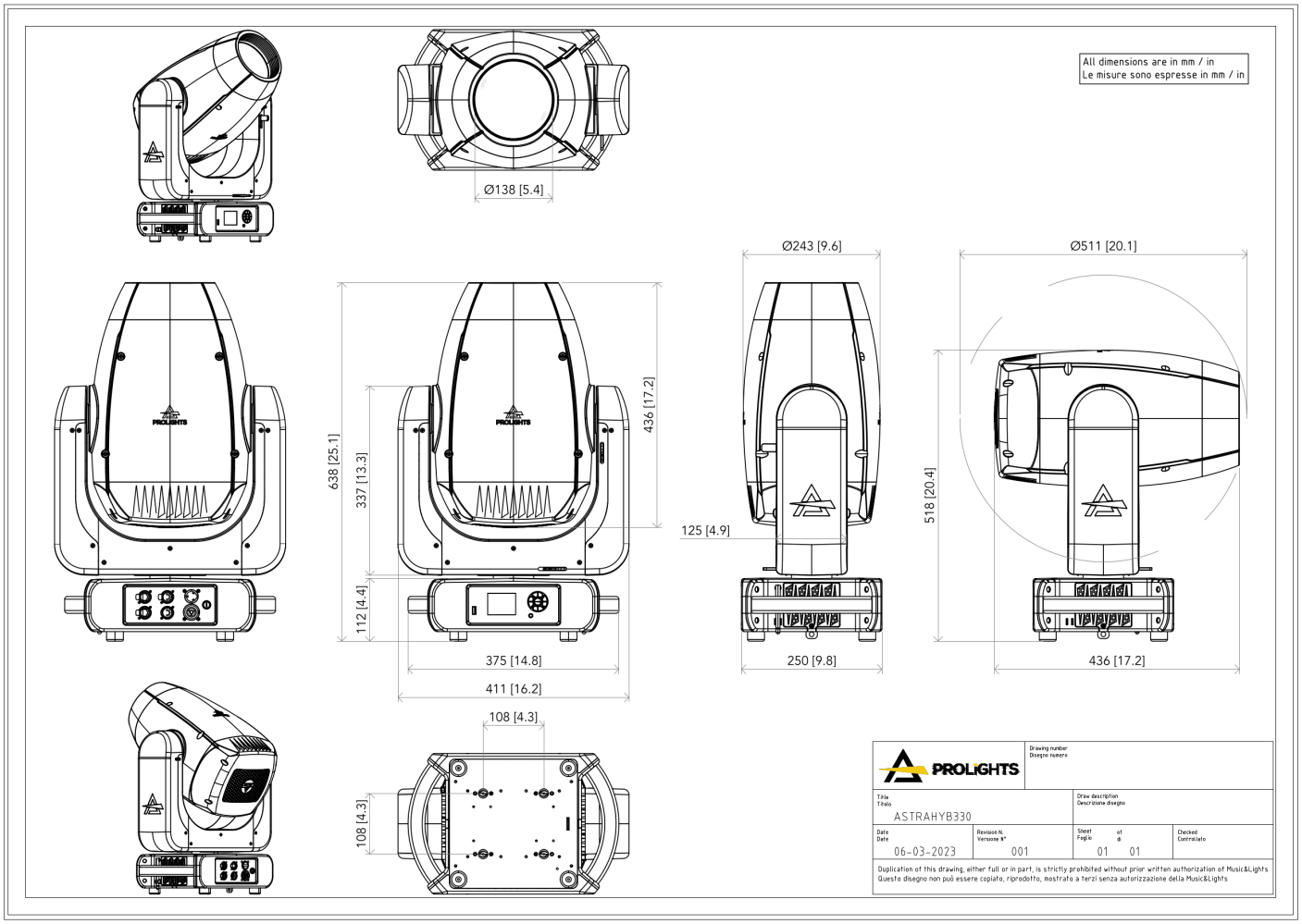
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



UPBOXPRO

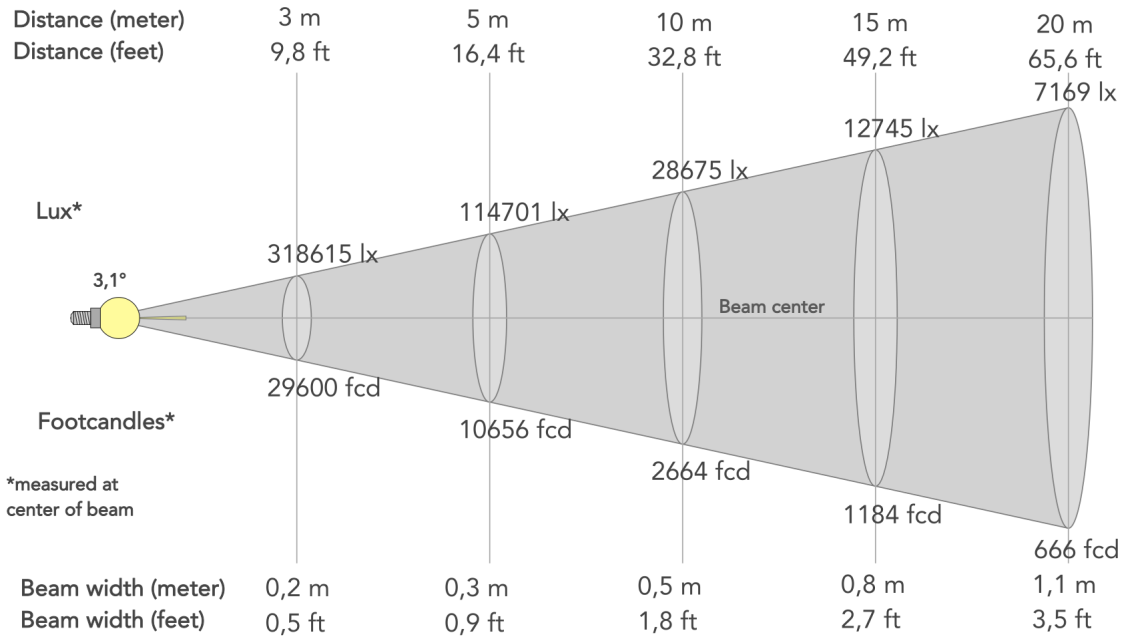
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



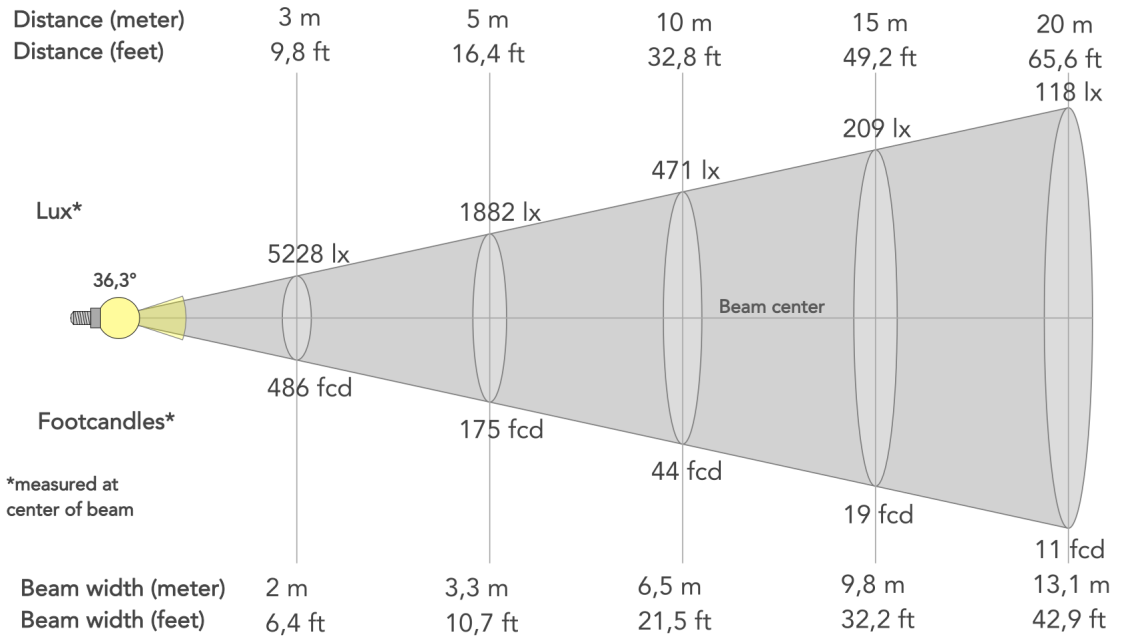
PHOTOMETRICS

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°**