Astra Hybrid260IP

ORDER CODE: ASTRAHYB260IP



SOURCE

260W Phosphor Laser source

ZOOM RANGE

0,6° - 52,7° motorised linear zoom

IP RATING

IP65 for temporary outdoor use (*)

WEIGHT

34,5kg / 76.06lbs

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	260W Phosphor Laser source
Source CCT:	7'000K
Lux:	417'219lx @20 m full
Source life expectancy:	> 12.000 h

OPTICS

Zoom range:	0,6° - 52,7° motorised linear zoom
Lens diameter:	165mm
Lens type:	HD anti-reflection lenses with achromatic coating
Focus:	motorised 16-bit

COLOUR SYSTEM

Colour mixing:	linear CMY
CCT:	linear CTO correction 2.700 K ~ 7.000 K
Colour wheel:	open + 27 colour filters on two colour wheels

DYNAMIC EFFECTS

Control Resolution:	16-bit dimmer control
FX generator:	prisms overlap for spectacular aerial effects
FX Wheel A:	8-f & 6-f circular prism / 6-f & 4-f linear prism / light frost, bi-directional rotation, indexing, interchangeable
FX Wheel B:	16-f & 6-f circular prism / 6-f & 4-f linear prism / heavy frost, bi-directional rotation, indexing, interchangeable
Frost:	dual soft-edge and heavy with one interchangeable element

GOBOS

Gobo wheel 1:	12 rotating gobos + open, interchangeable, indexing
Gobo size:	outer: 8,4 mm - image: 5 mm - thickness: 0,5 mm
Fixed gobos:	29 fixed gobos + open

CONTROL

Supported Protocols:	DMX512, RDM, ArtNet, sACN, CRMX
DMX channels:	33 / 37ch
RDM:	for remote addressing and parameter configuration
Display:	LCD high resolution colour display with autoflip

MOVEMENT

Pan:	540° - 16-bit resolution with 360° endless rotation
Tilt:	270° - 16-bit resolution with 360° endless rotation
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

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TECHNICAL SPECIFICATIONS

CONNECTIONS

Power connection:	Seetronic powerCON TRUE IP65 IN
Signal connection:	IP65 Seetronic XLR 5p IN/OUT connectors
Wireless Connection:	integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
Data connection:	IP65 Seetronic Ethernet IP in/out connectors
EtherFlow:	Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	430W
Output (at 230V):	6 units on a single power line
Standby power:	90 W
Power factor:	> 0,96

PHYSICAL

IP rating:	IP65 for temporary outdoor use (*)
Cooling:	heat pipe with low-noise fan
Housing:	Weatherproof IP65 construction with die-cast magnesium alloy
Finish:	black
Operating temperature:	Ta -20 to +45 °C (-4 to +113 °F)
Dimensions (WxHxD):	435x742x266mm
Weight:	34,5kg

INSTALLATION

Suspension and fixing:	any position with quick-lock Omega brackets
Transportation:	carrying handles on the base and additional retractable carrying handles on the arms

CERTIFICATIONS / REPORTS

Compliance:	CE, RCM, FCC, cTUVus
US FDA CDRH compliance:	Certified and compliant with US FDA CDRH laser product requirements

(*)

NOTE:	Suitable for permanent outdoor use, provided that installation and periodic maintenance are carried out by qualified technicians.

BOX CONTENT

1 x ASTRAHYB260IP

2 x OSIPPLUS

1 x Antenna

1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

ACCESSORIES & RELATED PRODUCTS



FCLASTRAH260IP
Flight case for 2 pcs of ASTRAHYB260IP



FCLASTRAH260IPTL
Flight case per contenere 2 pc ASTRAHYB260IP, top load version



OSIPPLUS
IP65 quick-lock omega bracket compatible with IP65 moving heads, M12 hole



IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures



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

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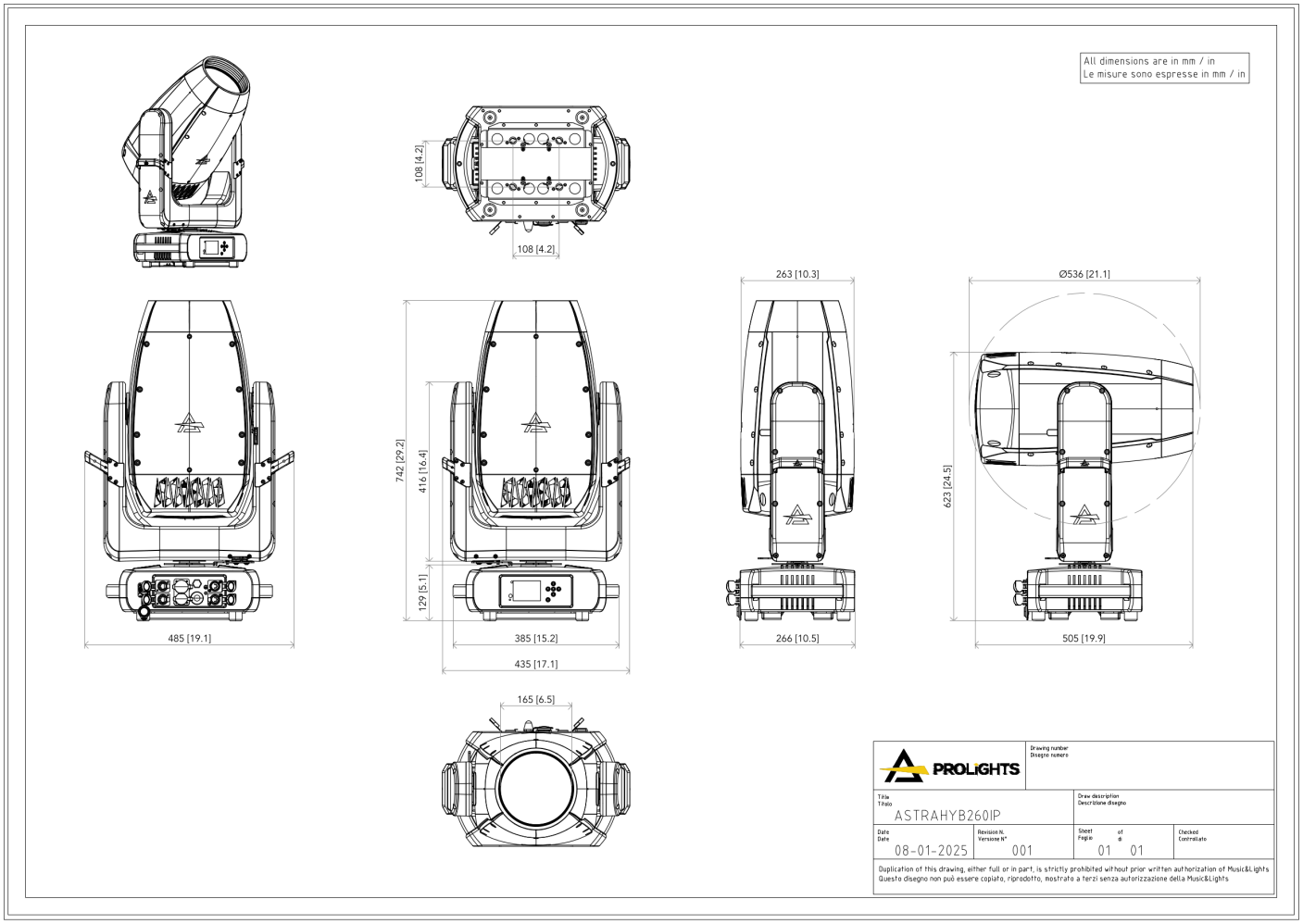
TECHNICAL DRAWINGS



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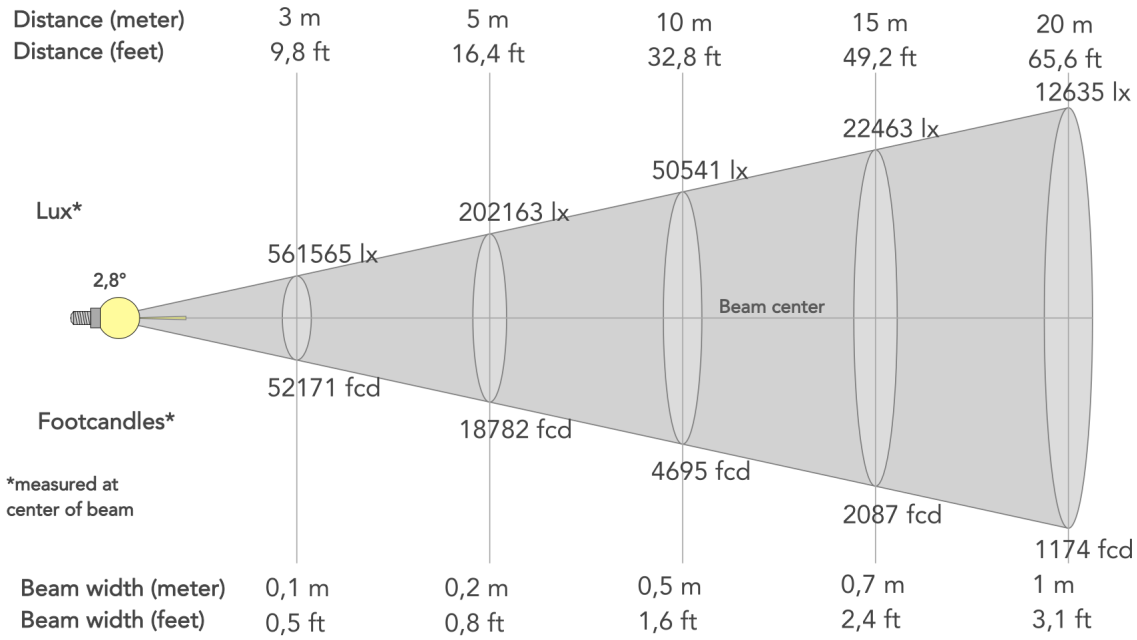
PHOTOMETRICS

Full On - Max Zoom - Beam Mode



Beam angle (50%): **2.8°**	Field angle (10%): **3.6°**	Cut-off angle (2.5%): **5.1°**