Astra Profile500LTIP NEW

ORDER CODE: ASTRAPROF500LTIP



SOURCE
500W White LED

ZOOM RANGE
4,2° - 50,1° motorised linear zoom

IP RATING
IP65 for temporary outdoor use (*)

WEIGHT
34kg / 74.96lbs

LUMINOUS FLUX (MAX)
25'490 lm

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	500W White LED
Source CCT:	6.500K
Luminous flux:	(4,2°) 15'370 lm - (50°) 25'490 lm @Full
Lux:	(4,2°) 121'742 lx - (50°) 2'074lx
CRI:	> 70 Ra (CCT 5.600K) - up to 90 Ra (HiCRI color slot)
Source life expectancy:	> 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

Zoom range:	4,2° - 50,1° motorised linear zoom
Lens diameter:	156mm
Lens type:	HD anti-reflection lenses with achromatic coating
Focus:	motorised 16-bit with tracking

COLOUR SYSTEM

Colour mixing:	CMY colour system on 3 gradually fading colour wheels
CCT:	linear CTO correction 2.700 K ~ 6.500 K
Colour wheel:	high CRI filter + 5 colour filters + open

DYNAMIC EFFECTS

Control Resolution:	16-bit dimmer control
Shutter system:	4 shutter blades with position and ±30° angle adjustment, ±45° rotation of the complete framing system
Animation wheel:	animation wheel with CW and CCW rotation
FX generator:	2 prisms overlap for spectacular aerial effects
Circular prism:	4-f with bi-directional rotation
Linear prism:	6-f with bi-directional rotation
Frost:	dual soft-edge and heavy with one interchangeable element
Iris:	5 - 100% motorised iris

GOBOS

Gobo wheel 1:	7 rotating gobos + open, interchangeable, indexing
Gobo size:	25 mm outer / 20 mm image / up to 3 mm thickness
Fixed gobos:	8 fixed gobos + open

CONTROL

Supported Protocols:	DMX512, RDM, ArtNet, sACN (IGMP v2), CRMX
DMX channels:	43ch
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface

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TECHNICAL SPECIFICATIONS

MOVEMENT

Pan:	540° - 16-bit resolution
Tilt:	260° - 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:	1,000 to 50,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX2 (not included) or via USB pen drive

CONNECTIONS

Power connection:	Seetronic powerCON TRUE IP65 IN/OUT
Signal connection:	Seetronic XLR 5p IN/OUT connectors
Wireless Connection:	integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
Data connection:	IP65 Seetronic 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 power consumption (230V):	788W
Output (at 230V):	4 units on a single power line
Standby power:	92 W
Power factor:	> 0,95

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):	449x705x297mm
Weight:	34kg

INSTALLATION

Suspension and fixing:	any position with quick-lock Omega brackets
Mounting points:	4 quick-lock Omega sockets
Transportation:	carrying handles on the base and additional retractable carrying handles on the arms

CERTIFICATIONS / REPORTS

Noise Level:	test report available for download
Compliance:	CE

(*)

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

BOX CONTENT

1 x ASTRAPROF500LTIP

2 x OSIPPLUS

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

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ACCESSORIES & RELATED PRODUCTS



FCLASTRAP500LTIP

Flight case for 2 pcs of ASTRAPROFILE500LTIP



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

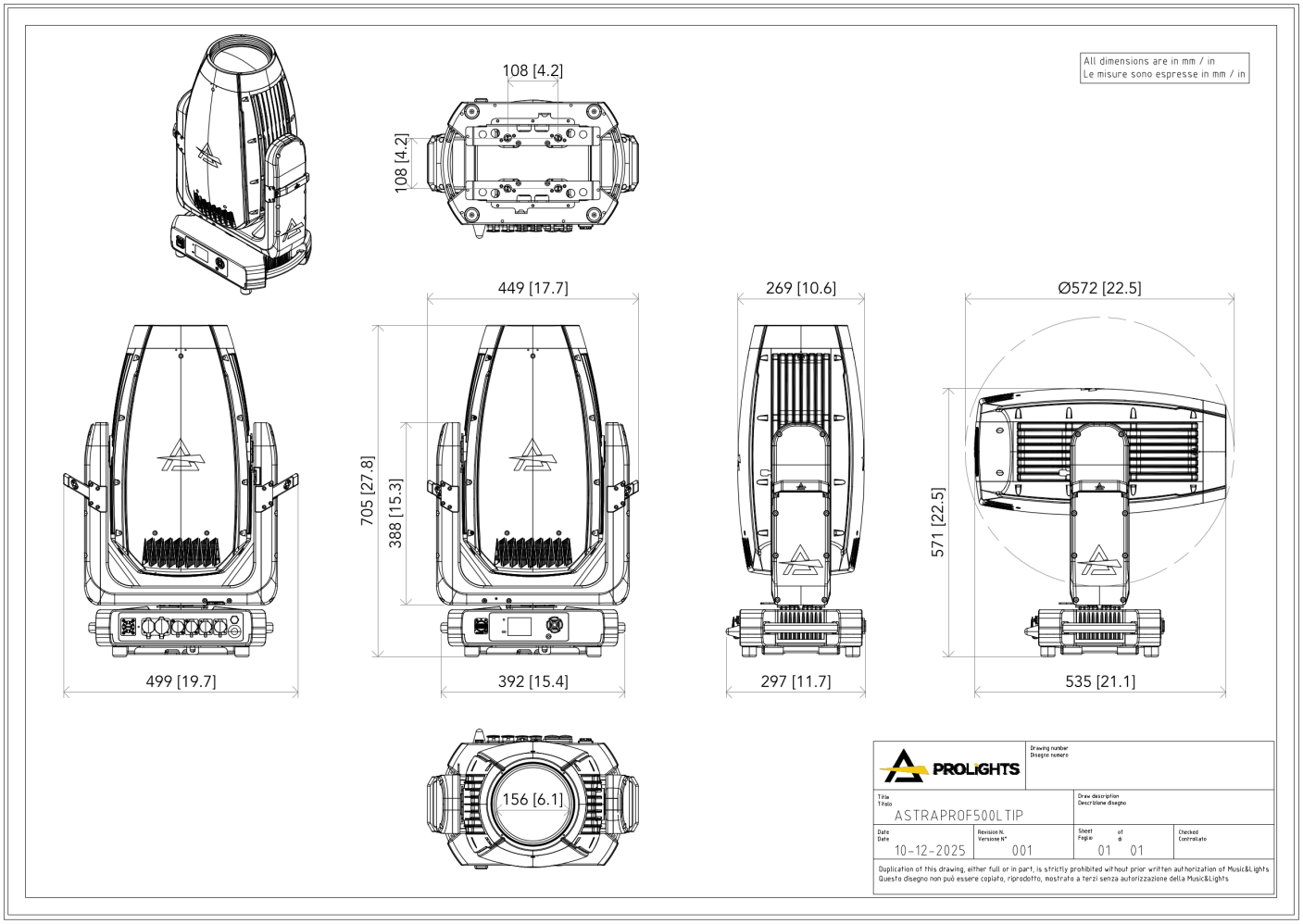


UPBOXPRO

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

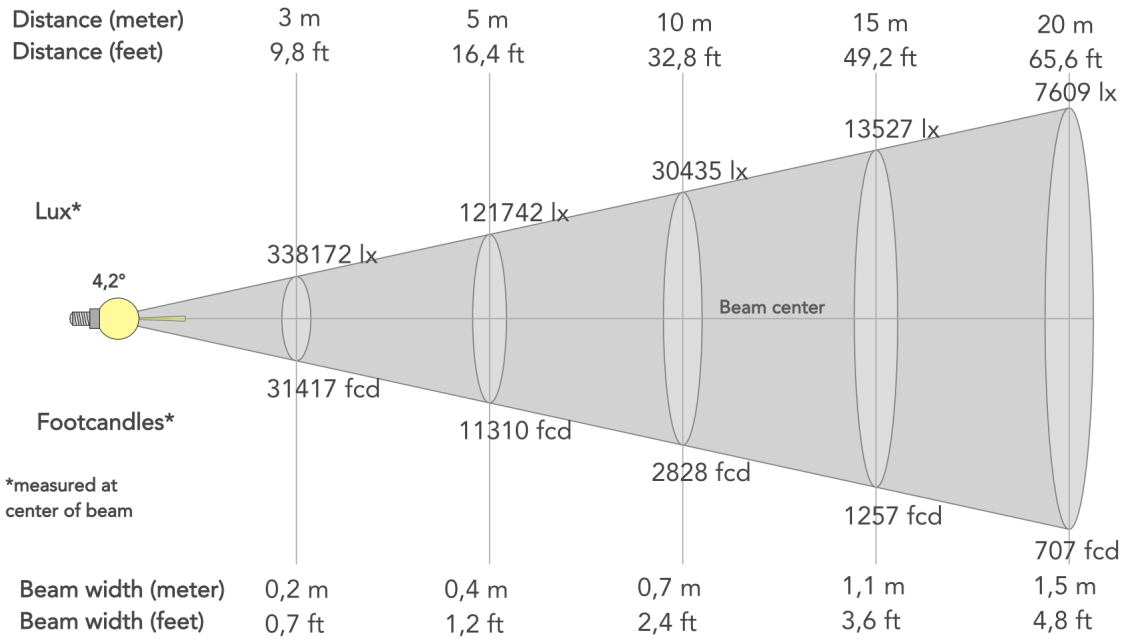
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TECHNICAL DRAWINGS



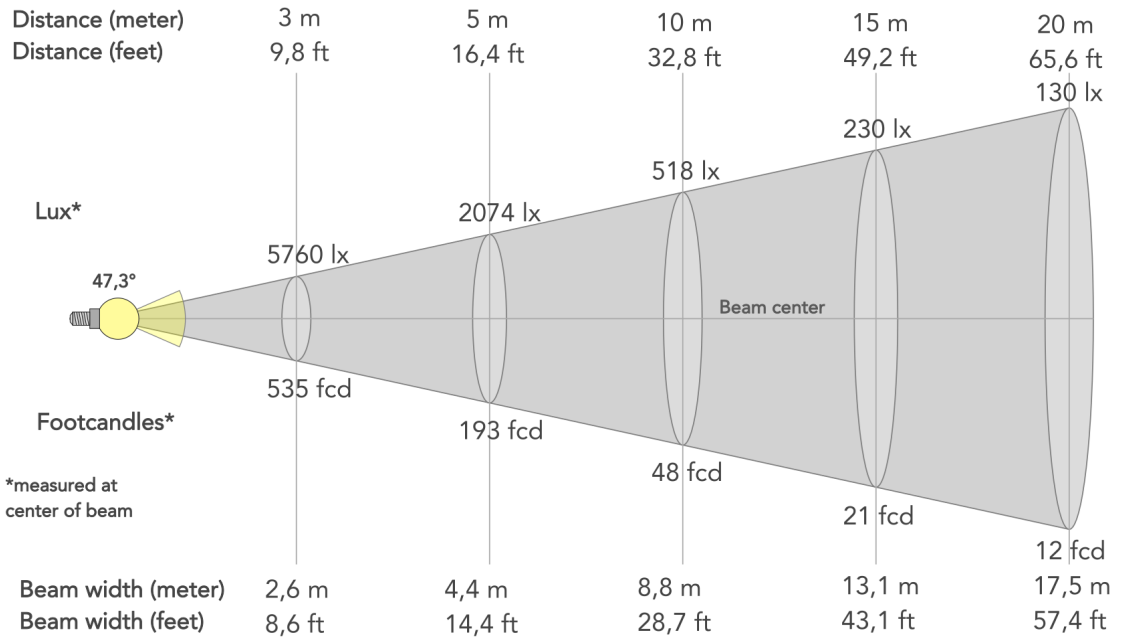
PHOTOMETRICS

Full On - Min Zoom



Beam angle (50%): **4.2°**	Field angle (10%): **6.1°**	Cut-off angle (2.5%): **6.8°**

Full On - Max Zoom



Beam angle (50%): **47.3°**	Field angle (10%): **50°**	Cut-off angle (2.5%): **51.5°**