Astra Profile400

ORDER CODE: ASTRAPROFILE400



SOURCE

400W White LED

ZOOM RANGE

6,5° - 50° motorised linear zoom

IP RATING

IP20

WEIGHT

27,6kg / 60.85lbs

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	400W White LED
Source CCT:	7.000K
Luminous flux:	(6,5°) 9'143 - (50°) 17'598
Lux:	(6,5°) 37'468 lx (50°) 1'690lx @5 m
CRI:	> 70 (CCT 5.600K and CRI > 90 with filter on color wheel)
Source life expectancy:	> 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

Zoom range:	6,5° - 50° motorised linear zoom
Lens diameter:	120mm
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 + 5,600K high CRI filter + 7 colour filters + open

DYNAMIC EFFECTS

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
Circular prism:	4-f with bi-directional rotation, indexing
Frost:	linear 0-100%
Iris:	5 - 100% motorised iris

GOBOS

Gobo wheel 1:	7 rotating gobos + open, interchangeable, indexing
Gobo size (BW):	outer: 25,7 mm - image: 20 mm
Gobo size (Color):	outer: 25,7 mm - image: 20 mm

CONTROL

Supported Protocols:	DMX512, RDM, ArtNet, sACN, CRMX
DMX channels:	29 / 39 / 54ch
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface
Other:	16bit control of dimmer and colour

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:	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)

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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:	Art-Net RJ45 IN/OUT

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	620W
Output (at 230V):	3 units on a single power line
Standby power:	113 W
Power factor:	> 0,96

PHYSICAL

IP rating:	IP20
Cooling:	heat pipe with low-noise fan
Housing:	Aluminium structure with high-resistance polycarbonate cover
Finish:	black
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	410x639x278mm
Weight:	27,6kg

INSTALLATION

Suspension and fixing:	any position with quick-lock Omega brackets
Mounting points:	4 quick-lock Omega sockets

CERTIFICATIONS / REPORTS

Noise Level:	test report available for download
Compliance:	CE, RCM, FCC, cTUVus

BOX CONTENT

1 x ASTRAPROFILE400

2 x OS24PLUS

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

ACCESSORIES & RELATED PRODUCTS



FCLASTRAP400

Flight case for 3 pcs of ASTRAPROFILE400 / ASTRAHYB330



OS24PLUS

Quick-lock omega bracket, M12 hole



AETHERBOXONE

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

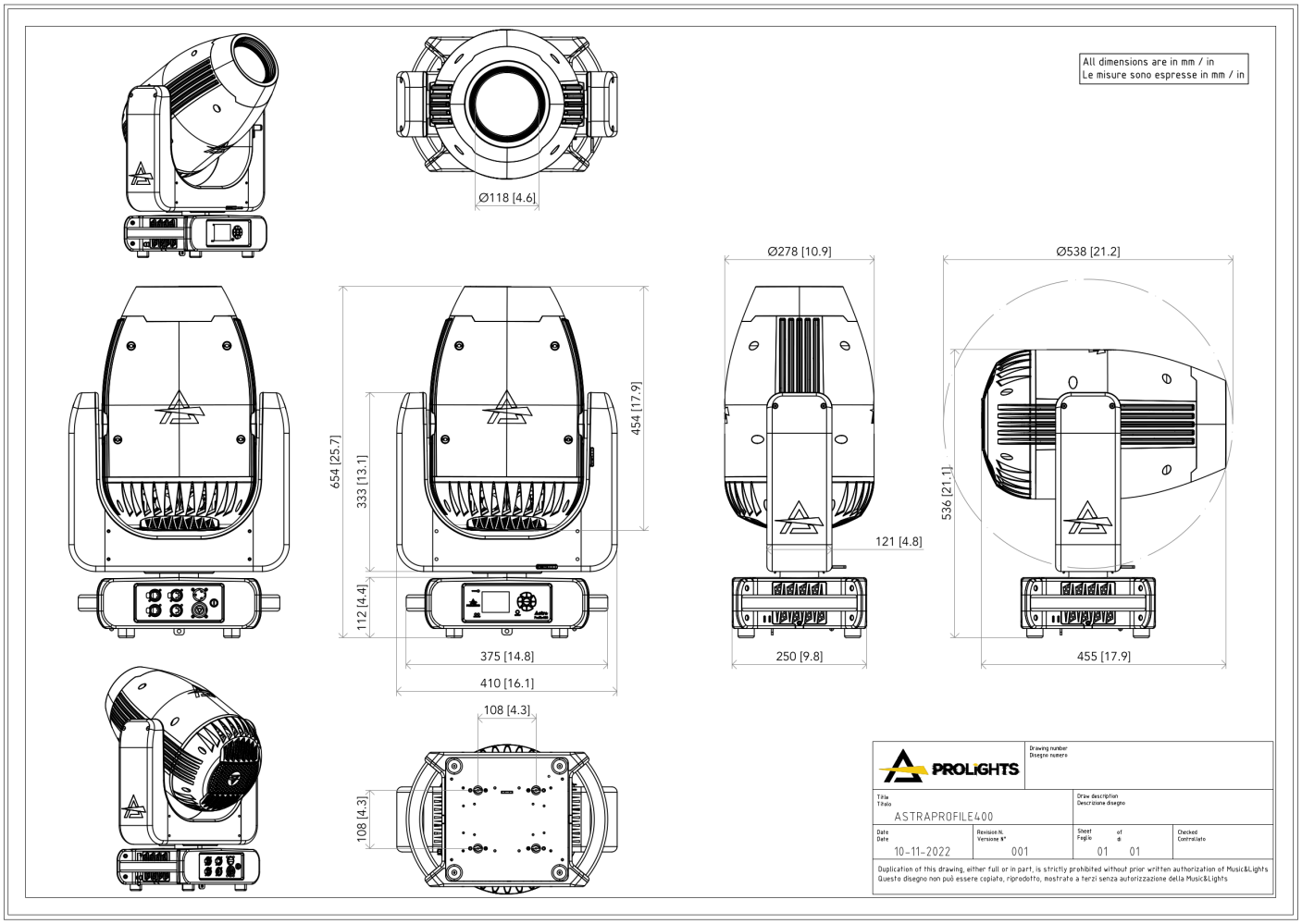


UPBOXPRO

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

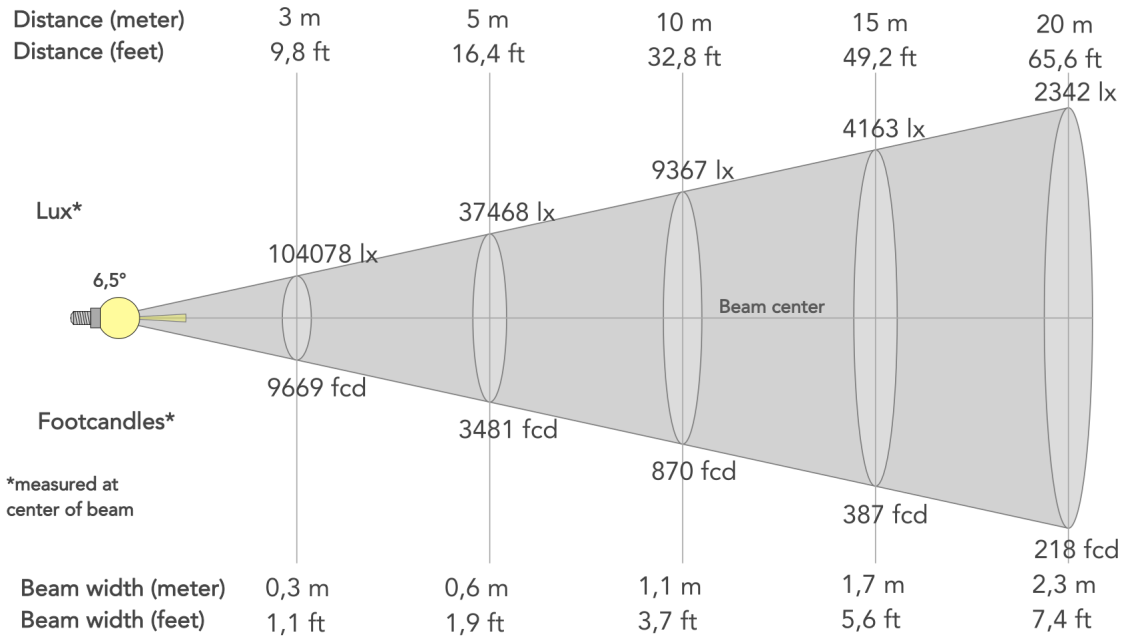
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TECHNICAL DRAWINGS



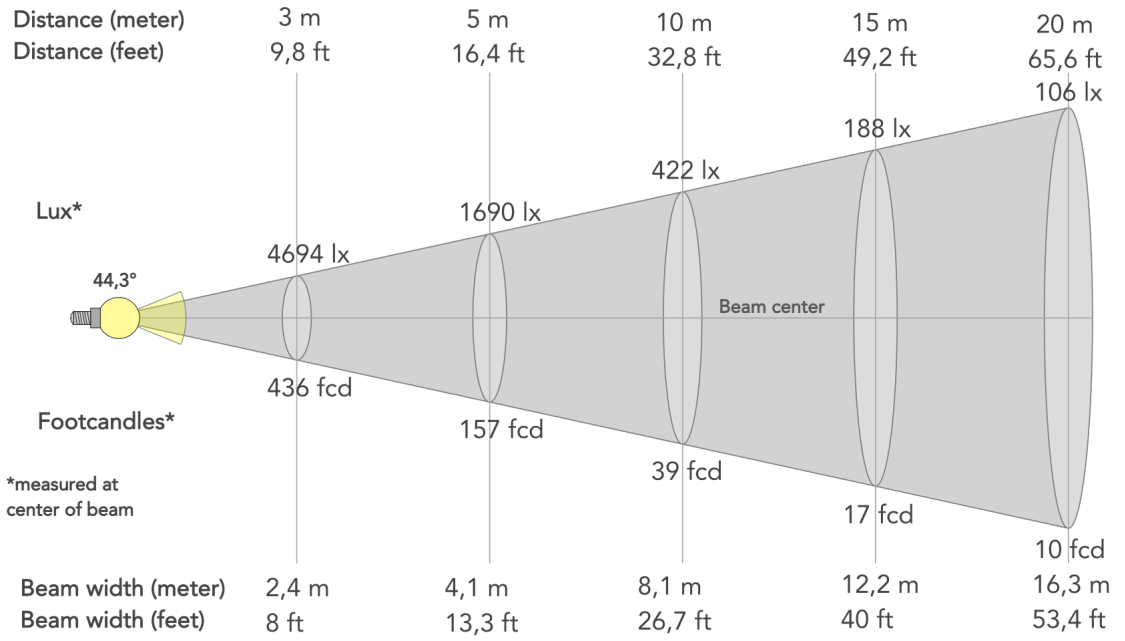
PHOTOMETRICS

Full On - Min Zoom



Beam angle (50%): **6.5°**	Field angle (10%): **7°**	Cut-off angle (2.5%): **7.6°**

Full On - Max Zoom



Beam angle (50%): **44.3°**	Field angle (10%): **50.1°**	Cut-off angle (2.5%): **51.2°**