Astra Profile900HQ

ORDER CODE: ASTRAPROFILE900HQ



SOURCE	ZOOM RANGE	IP RATING
1000W White LED (driven @900W)	**5,4° - 52° motorised linear zoom**	**IP20**

WEIGHT	LUMINOUS FLUX (MAX)	CRI
44,2kg / 97.44lbs	**25'941 lm**	**96**

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	1000W White LED (driven @900W)
Source CCT:	6.000K
Luminous flux:	(5,4°) 13'969 lm - (med) 25'941 lm - (52°) 25'311 lm
Lux:	(5,4°) 74'135 lx - (med) 9'836 lx - (52°) 1'659lx @5 m
CRI:	96
R9:	90
TLCI:	97
TM30 Rf:	>91
TM30 Rg:	<99
Source life expectancy:	> 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

Zoom range:	5,4° - 52° motorised linear zoom
Lens diameter:	185mm
Lens type:	HD anti-reflection lenses with achromatic coating
Focus:	motorised 16-bit with tracking

COLOUR SYSTEM

Colour mixing:	linear CMY
CCT:	linear CTO correction 2.700 K ~ 6.000 K
Colour wheel:	6 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, indexing
Linear prism:	6-f with bi-directional rotation, indexing
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:	30 mm outer / 25 mm image / up to 3 mm thickness
Gobo wheel 2:	7 rotating gobos + open, interchangeable, indexing
Gobo size:	30 mm outer / 25 mm image / up to 3 mm thickness

CONTROL

Supported Protocols:	DMX512, RDM, ArtNet, sACN, CRMX
DMX channels:	46ch
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface

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

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TECHNICAL SPECIFICATIONS

CONNECTIONS

Power connection:	Neutrik powerCON TRUE1 IN/OUT connectors
Signal connection:	Neutrik 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 power consumption (230V):	1310W
Output (at 230V):	2 units on a single power line
Standby power:	150 W
Power factor:	> 0,97

CERTIFICATIONS / REPORTS

Compliance:	CE, RCM, FCC, cTUVus

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):	516x856x310mm
Weight:	44,2kg

INSTALLATION

Mounting points:	4 quick-lock Omega sockets
Transportation:	carrying handles on the base and additional retractable carrying handles on the arms

BOX CONTENT

1 x ASTRAPROFILE900HQ

2 x OS30PLUS

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

ACCESSORIES & RELATED PRODUCTS



FCLASTRAP900

Flight case for 1 pc of ASTRAPROFILE900



OS30PLUS

Quick-lock omega bracket, M12 hole



UPBOXPRO

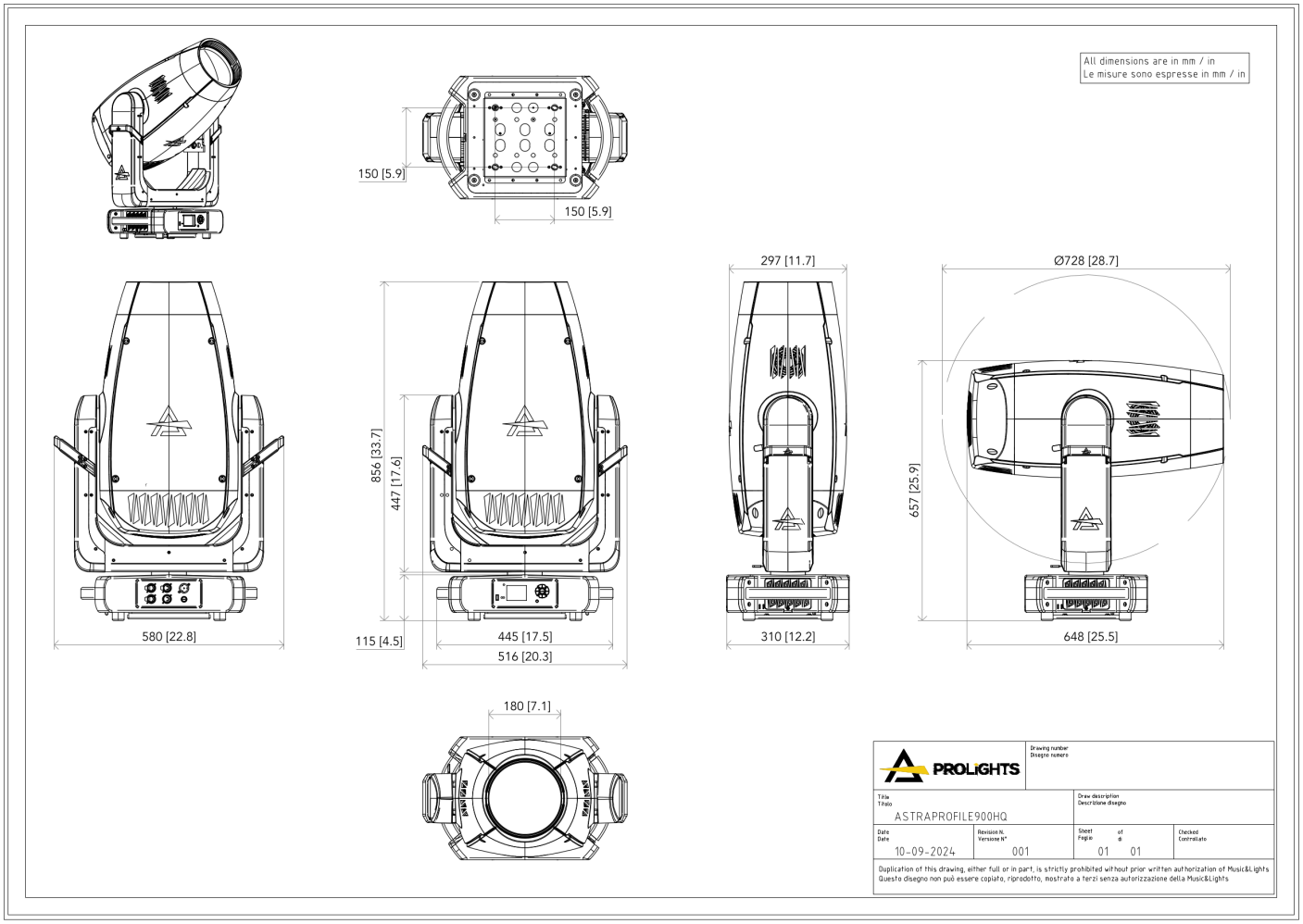
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector



AETHERBOXONE

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

TECHNICAL DRAWINGS



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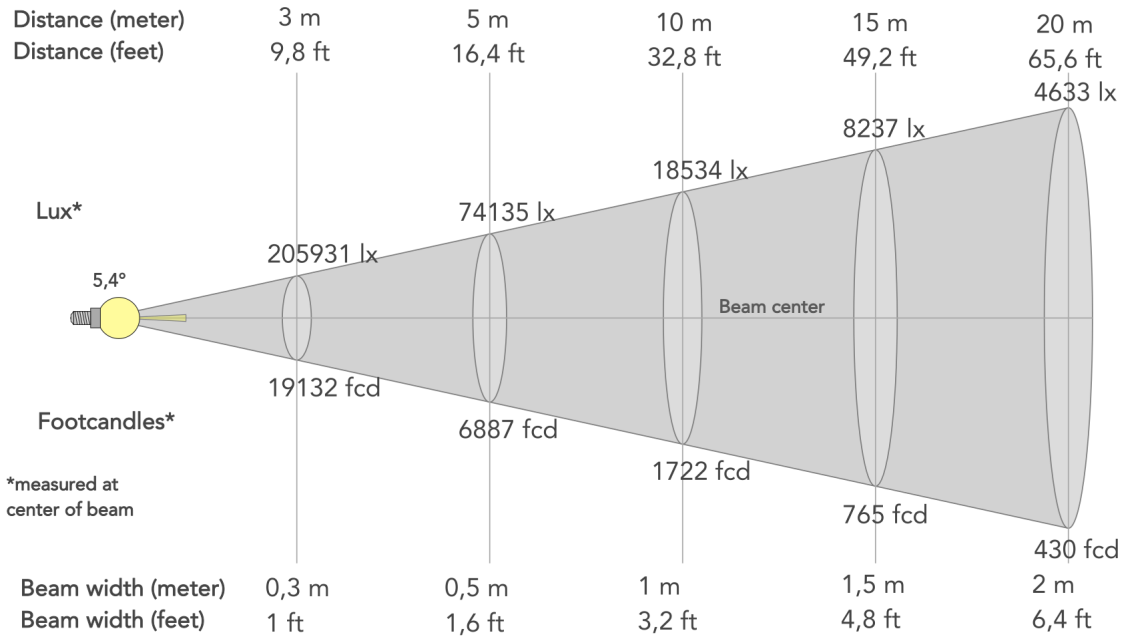
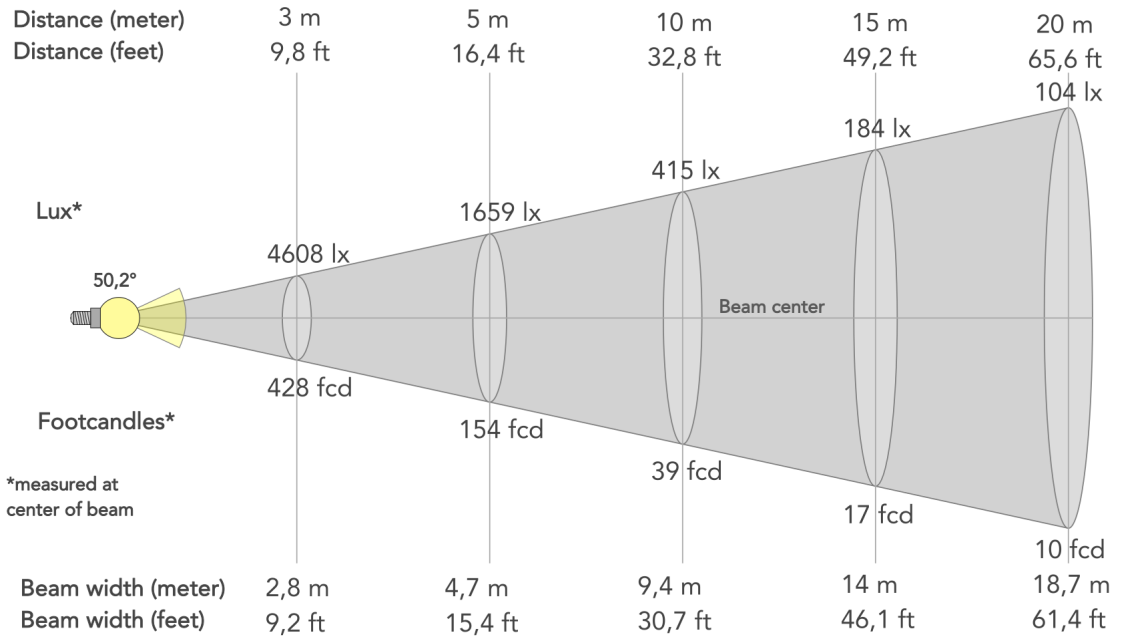
PHOTOMETRICS

Full On - High CRI LED - Min Zoom



Beam angle (50%): **5.4°**	Field angle (10%): **6.3°**	Cut-off angle (2.5%): **6.4°**

Full On - High CRI LED - Max Zoom



Beam angle (50%): **50.2°**	Field angle (10%): **51.9°**	Cut-off angle (2.5%): **52.4°**