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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

The **Astra** Profile400 is a multi-purpose indoor LED profile moving light, with an ultra-high lumen efficiency, a punchy output, and stunning effects.
Its feature set includes framing shutters and an animation wheel, but it still has a small form factor and light weight, making the **Astra** Profile400 the perfect replacement for fixtures with a higher power consumption. Its light source delivers a pure white light emission at 7,000K, reaching 17.500 lumens whilst achieving a flat field beam projection.
The **Astra** Profile400's optical system moves linearly from 6,5° to 50°, and it's equipped with a brand-new 400W LED source. The extensive feature set of the **Astra** Profile400 includes a 4-layer motorized framing system, linear CMY and CTO, 5,600K high CRI filter, colour and gobo wheels, frost filters, prism and iris.

MAIN FEATURES

- Indoor LED Moving Profile equipped with a 400W LED source (7,000K)
- 6,5° to 50° linear zoom
- 4-layer motorized framing shutters, Linear CMY+CTO, 5,600K high CRI filter, animation wheel, gobo and colour wheels, frost filter, prism and iris

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

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

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)

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

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

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)

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)

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

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

INSTALLATION

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

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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



AETHERBOX
IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready



C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black



RSR1235B
Steel security cable for hanging bodies, inox steel shackle, L=120 cm, black



9533FXWL03
Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m



9513FXWL03
Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, MENAC3FXW socket, L.3 m



958225L03
3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m

TOUR53415L03
Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m



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

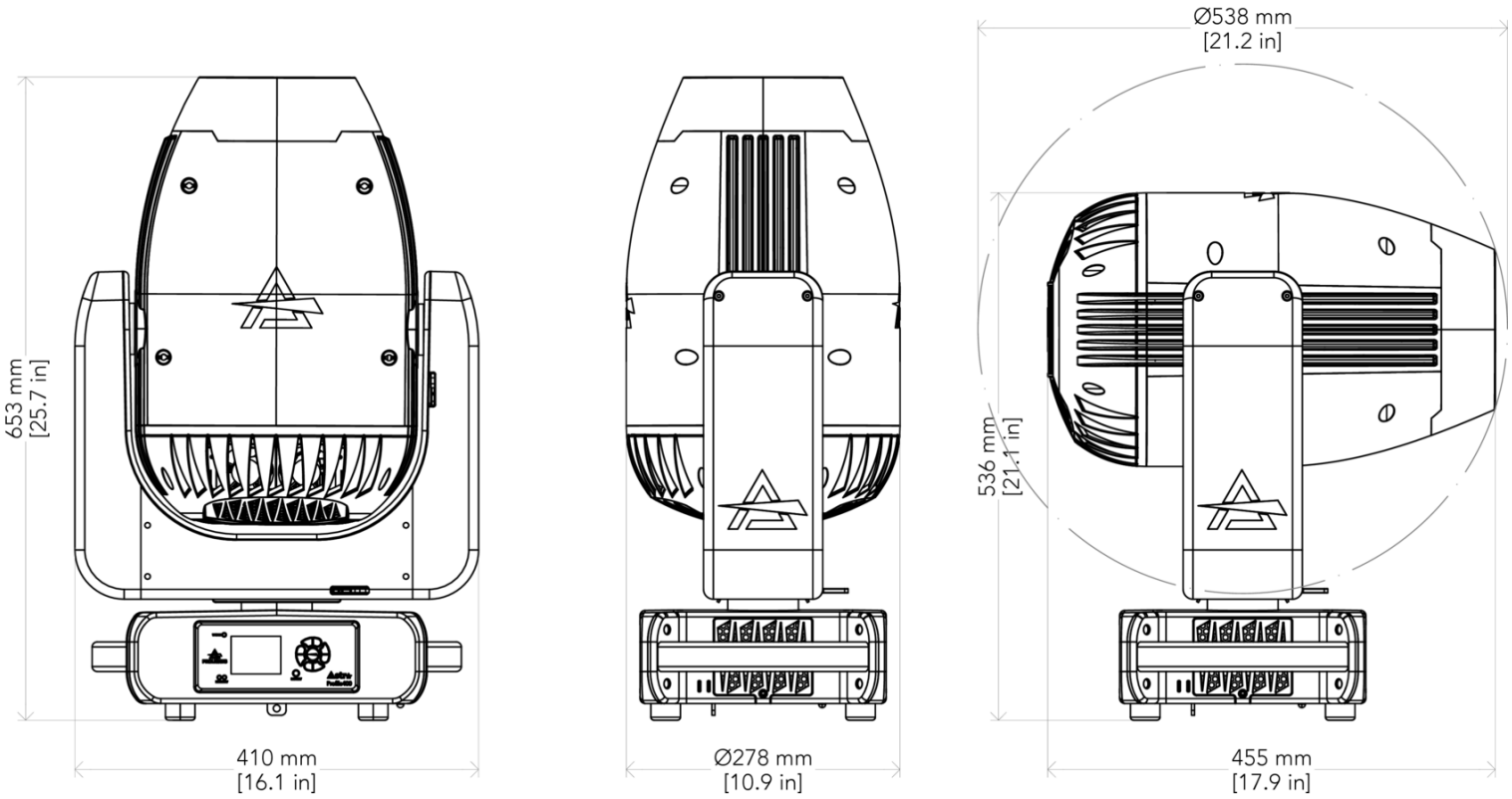
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PROLIGHTS

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TECHNICAL DRAWINGS



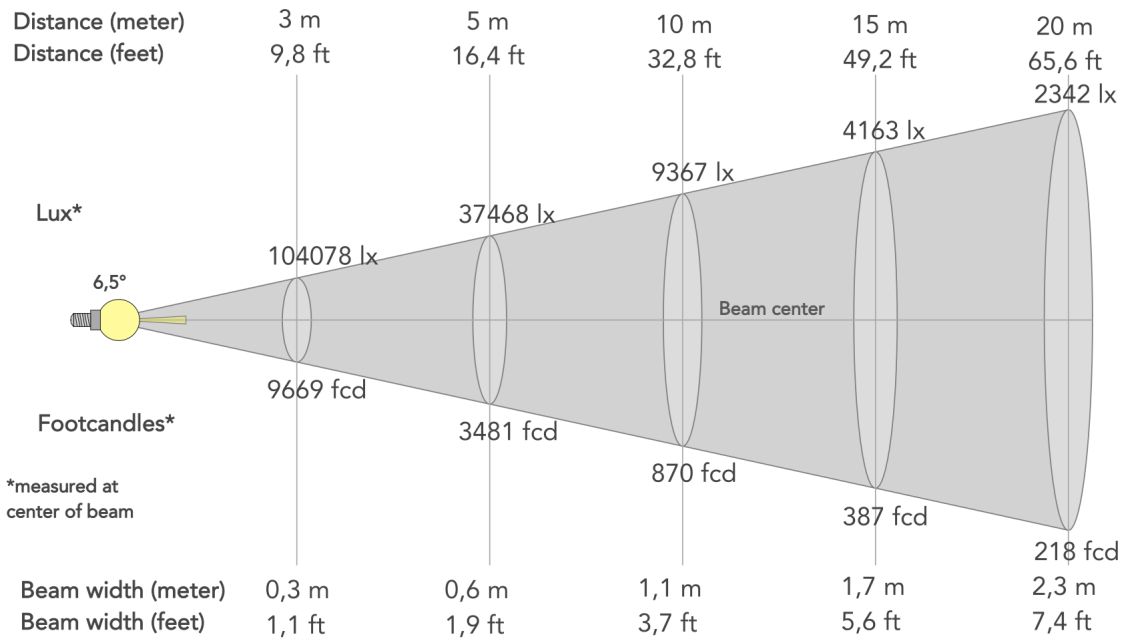
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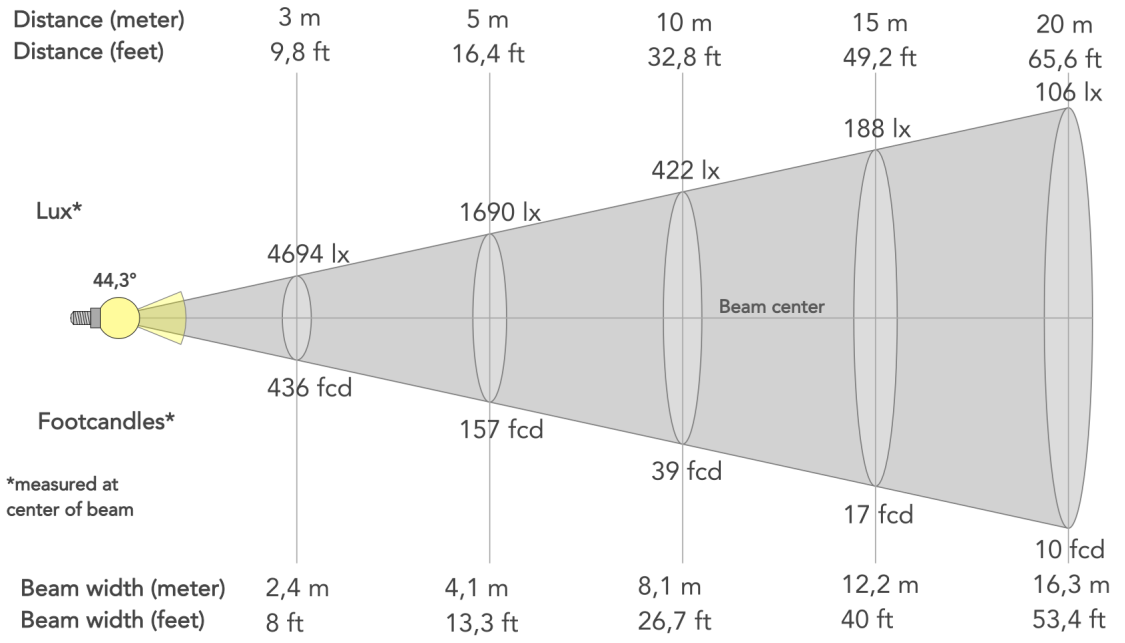
PHOTOMETRICS

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°**

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