

Astra Profile400

Indoor LED Moving Profile, with a 400W White source

ORDER CODE: **ASTRAPROFILE400**



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

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source:400 W White LED
- CCT:7.000K
- Luminous flux:(6,5°) 9'143 - (50°) 17'598
- Lux:(6,5°) 37'468 lx (50°) 1'690 lx @5 m
- CRI:> 70 (CCT 5.600K and CRI > 90 with filter on color wheel)
- Source life expectancy: > 30.000 h

OPTICS

- Zoom:6,5° - 50 ° motorised linear zoom
- Lens diameter:120 mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised

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

DYNAMIC EFFECTS

- Shutter system: 4 shutter blades with position and $\pm 30^\circ$ angle adjustment, $\pm 45^\circ$ rotation of the complete framing system
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos:7 rotating gobos + open, interchangeable, indexing
- Gobo size:outer: 25,7 mm - image: 20 mm - thickness: 1,1 mm
- Circular prism:4 f with bi-directional rotation, indexing
- Frost: linear 0 - 100% frost filter
- Iris:5 - 100 % motorised iris

BODY

- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Pan angle:540 °
- Tilt angle:270 °
- Pan/Tilt resolution: bit 8 / 16-bit
- Feedback: automatic repositioning after accidental movement
- Body: aluminium structure with high-resistance polycarbonate cover
- Body colour: black

CONTROL

- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels:29 / 39 / 54 channel
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings

- Display: Graphic User Interface

- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/UPBOX2) not included
- Other: 16bit control of dimmer and colour

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: selectable dimming modes available
- Strobe / shutter:1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -10° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 50.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption:620 W
- Standby power:138,6 W
- Output (at 230V):3 units on a single power line
- Power factor:> 0,96
- Inrush current:30A @115VAC /<50A @230VAC

PHYSICAL

- IP rating:20
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: any position with quick-lock omega brackets
- Pan / tilt lock: for transportation and maintenance
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Data connection:Art-Net RJ45 IN/OUT
- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD):410x639x278 mm
- Weight:27,6 kg

CERTIFICATIONS / APPROVALS

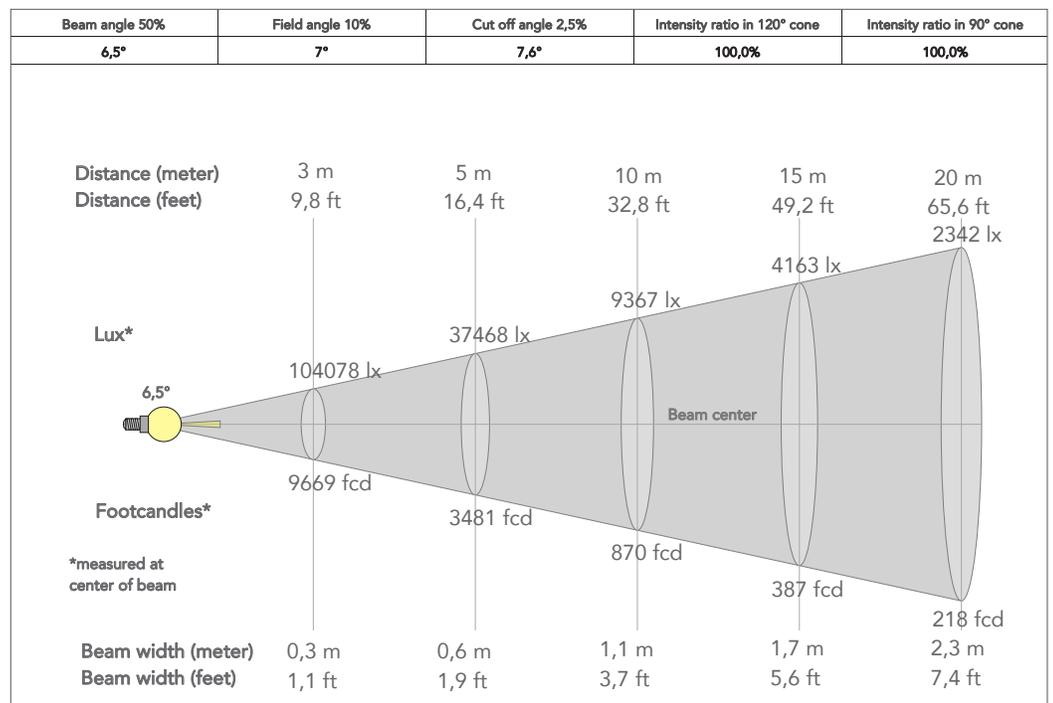
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

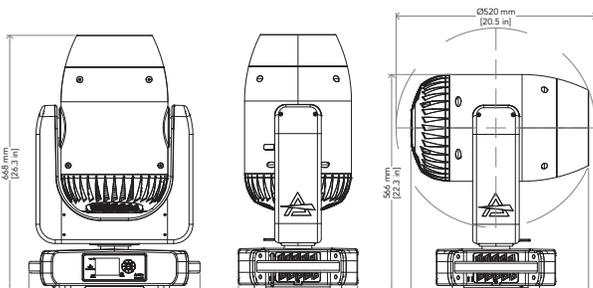
- FCLASTRAP400 Flight case for 2 pcs of ASTRAPROFILE400
- OS24 Quick-lock omega bracket.
- OS24D13 Quick-lock omega bracket, M12 hole
- C6002B Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- RSR1235B Steel security cable for hanging bodies, inox steel shackle
- 9533FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO 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
- LRLUNA Single Universe DMX transceiver with Bluetooth
- UPBOX2P5 Firmware uploader kit, USB IN, 5-pin XLR DMX OUT
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

PRESET FULL ON

Beam angle 50%: 6,5°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations

