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 16.000 lumens whilst achieving a flat field beam projection. The **Astra** Profile400's optical system moves linearly from 7° to 48°, 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)
- 7° to 48° 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:(7°) 9'143 (50°) 17'598 lm
- Lux:(7°) 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:7° 50 ° motorised linear zoom
- Lens diameter:130 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:5,600K high CRI filter + 6 colour filters

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
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size:outer: 25,7 mm image: 19 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, Art-Net, sACN, W-DMX
- 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 (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
- Output (at 230V):4 units on a single power line
- Power factor:> 0,96

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

ACCESSORIES & RELATED PRODUCTS

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

9533FXWL03 Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
 958225L03 3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon

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

FCLASTRAP400 Flight case for 2 pcs of ASTRAPROFILE400

RSR0670B Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
 TOUR53415L03 Dmx cable HC5340. CANC5MXX XLR 5p->CANC5FXX XLR (f) 5p, L.3m

 WSBBF1G5
 BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/ RDM, 512Ch

* WSBBF1G6 BlackBox F-1 G6 transrec, 512ch, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX

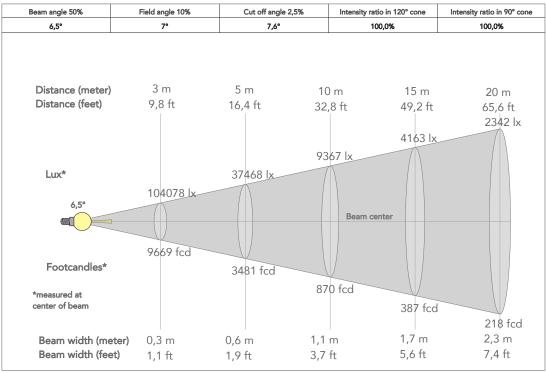
 WSBBR512G5
 BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/ RDM optional

WSBBR512G6
 BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluet ooth,G3,G4,G4S,G5,CRMX

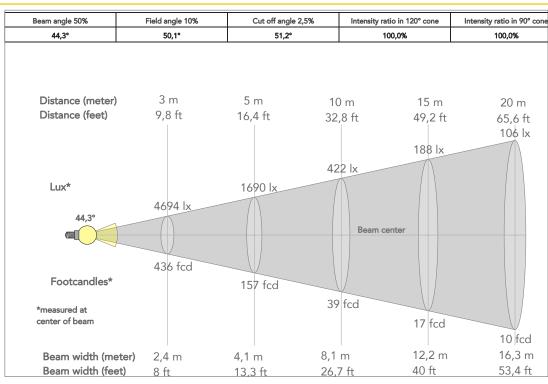
OS24 Quick-lock omega bracket.
 UPBOX2P5 Firmware uploader kit, USB IN, 5-pin XLR DMX OUT



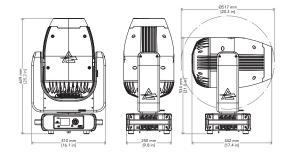
PRESET FULL ON
Beam angle 50%: 7°



PRESET FULL ON
Beam angle 50%: 50°



TECHICAL DRAWINGS



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