

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 $\pm 30^\circ$ 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: 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

ACCESSORIES & RELATED PRODUCTS

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|----------------|---|
| • 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 FXW, L. 3m |
| • 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 |

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

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|--------------|--|
| • WSBBF1G5 | BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch |
| • WSBBF1G6 | BlackBox F-1 G6 transrec, 512ch, 2.45GHz, 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, Bluetooth, G3, G4, G4S, G5, CRMX |
| • OS24 | Quick-lock omega bracket. |
| • UPBOX2P5 | Firmware uploader kit, USB IN, 5-pin XLR DMX OUT |

