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 lm
- 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: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:open + 5,600K high CRI filter + 7 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, ArtNet, sACN, W-DMX + 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 (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, cTUVus, FCC

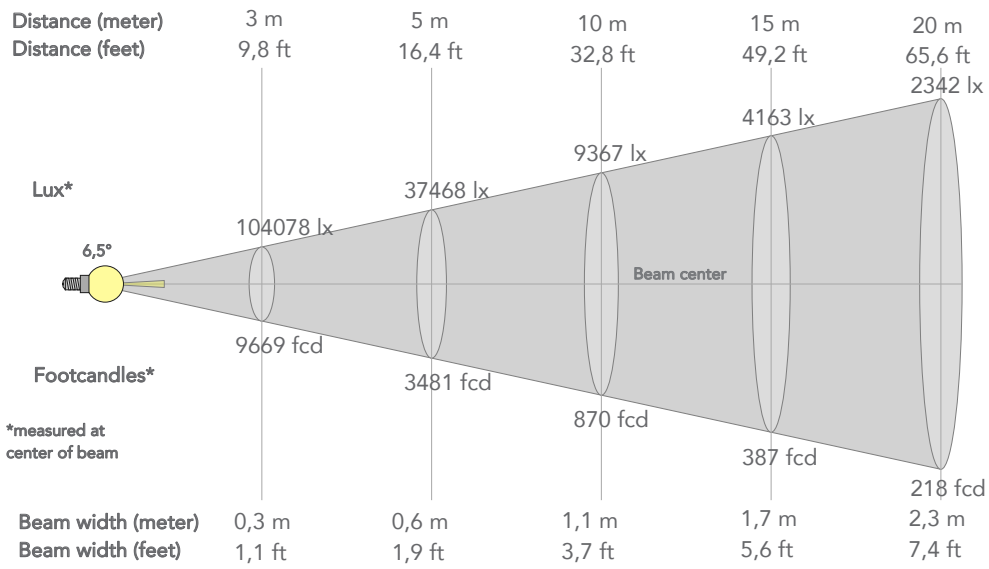
ACCESSORIES & RELATED PRODUCTS

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 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
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

PRESET FULL ON

Beam angle 50%: 6,5°

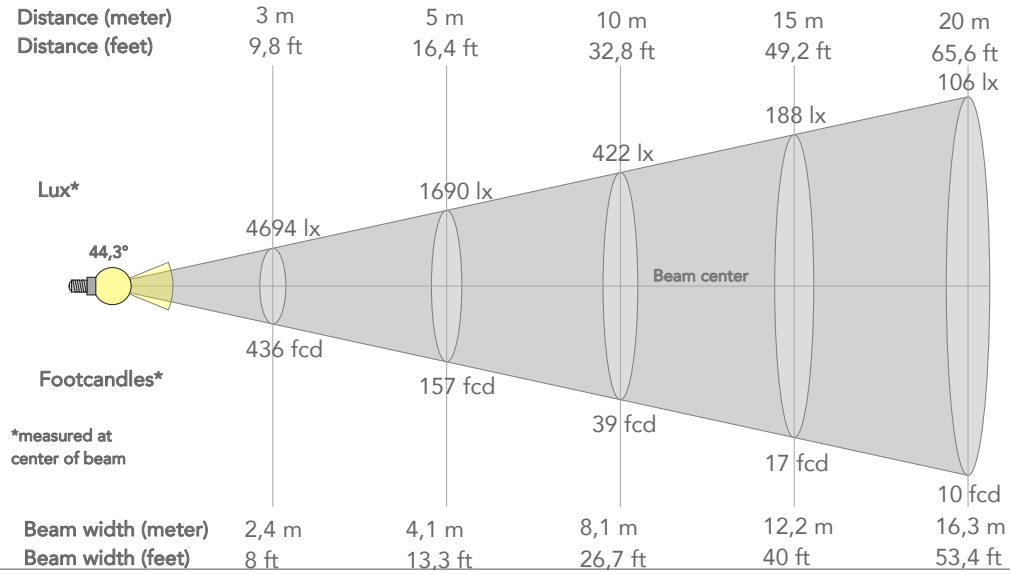
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
6,5°	7°	7,6°	100,0%	100,0%



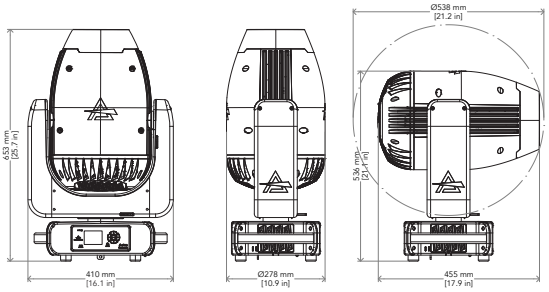
PRESET FULL ON

Beam angle 50%: 50°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,3°	50,1°	51,2°	100,0%	100,0%



TECHICAL DRAWINGS



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

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