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Astra Blade100IP

ORDER CODE: ASTRABLADE100IP



Source

16x40W RGBW Osram Ostar LEDs

Zoom range

4,3° - 39,4° motorised linear zoom

IP rating

IP65 for temporary outdoor use (*)

Weight

27,4kg / 60.41lbs

The **Astra** Blade100IP is an IP65 rated, linear motorized LED batten, featuring high output through 16 x 40W RGB+WW LEDs and two variable white pixel linear LED strips on both sides, a wide zoom range, and control through the powerful PROLIGHTS Spektra OS algorithm that reproduces perfect white spectrums with high color rendering.

The new squared lens design maximizes lumen efficiency and provides a bright curtain of light at its narrowest angle of just 4°, while delivering smooth and homogeneous washes at its widest 40° wash when zoomed out.

Astra Blade100IP offers motorized tilt and individual pixel control across the 16 emitters and 32 sectors for your side strips, as well as both wired and wireless CRMX operations or through multi-protocol ethernet support.

The water and dustproof design ensures enhanced reliability for any indoor or outdoor stages, making it virtually maintenance-free.

MAIN FEATURES

- IP65 motorized 100cm Led batten with Tilt and zoom control
- 16x40W RGB+WW LEDs with two variable white linear LED strips on both sides, pixel control
- Zoom from 4° to 40°

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: 16x40W RGBW Osram Ostar LEDs
- Additional source: 2 VW linear LED strips with 32 individual sections (16 on top + 16 on bottom)
- Luminous flux: (4,3°) 12'028 lm - (39,4°) 15'262 @Full
- Lux: (4,3°) 50'695 lx - (39,4°) 3'056lx @5 m full
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

COLOUR SYSTEM

- Colour control: CCT, RGBW, HSI, Colour Macros
- CCT: CCT control, + / - green correction, tungsten emulation
- Colour wheel: virtual colour wheel with macros
- Other: CCT range: (pixels) 2.800K / 10.000K - (strips) 2.700K / 8000K

MOVEMENT

- Tilt: 200° - 16-bit resolution
- Position feedback: automatic repositioning after external movement
- Pan / tilt lock: for transport and maintenance

CONNECTIONS

- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: IP65 Art-Net RJ45 IN/OUT
- EtherFlow: Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

PHYSICAL

- IP rating: IP65 for temporary outdoor use (*)
- Cooling: heat pipe with low-noise fan
- Housing: Weatherproof IP65 construction with die-cast magnesium alloy
- Finish: black
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 996x336x175mm
- Weight: 27,4kg

INSTALLATION

- Suspension and fixing: any position with quick-lock Omega brackets
- Hardware on-board: ancor points on the front for accessory mounting

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

OPTICS

- Zoom range: 4,3° - 39,4° motorised linear zoom
- Lens diameter: 50mm square shape
- Lens type: high-quality glass lens optics

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Pixel patterns: pre-programmed static and dynamic pixel patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Static mode: selection of static dimmer, colors and color temperature
- Manual mode: manual adjustment of colour

CONTROL

- Supported Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- Pixel control: 16 px (main) + 32 px (strips) pixel2pixel control
- RDM: for remote addressing and parameter configuration
- Display: LCD high resolution colour display with autoflip
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 5 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 1,000 to 25,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included) or via Ethernet with DMX-Workshop

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): strobe: 1.000 W (peak) - wash: 750W
- Output (at 230V): 2 units on a single power line
- Standby power: 43 W
- Power factor: > 0,94

(*)

- NOTE: Suitable for permanent outdoor use, provided that installation and periodic maintenance are carried out by qualified technicians.

BOX CONTENT

- 1 x ASTRABLADE100IP
- 2 x OS25PLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

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ACCESSORIES & RELATED PRODUCTS



FCLASTRAB100IP
Flight case for 2 pcs of ASTRABLADE100IP



OS25PLUS
Quick-lock omega bracket, M12 hole



OS400PLUS
400mm quick-lock omega bracket with M12 elongated slot for AstraBlade100IP



OS324PLUS
324mm quick-lock joining omega bracket, M12 elongated slot for the alignment of two AstraBlade100IP



IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures



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

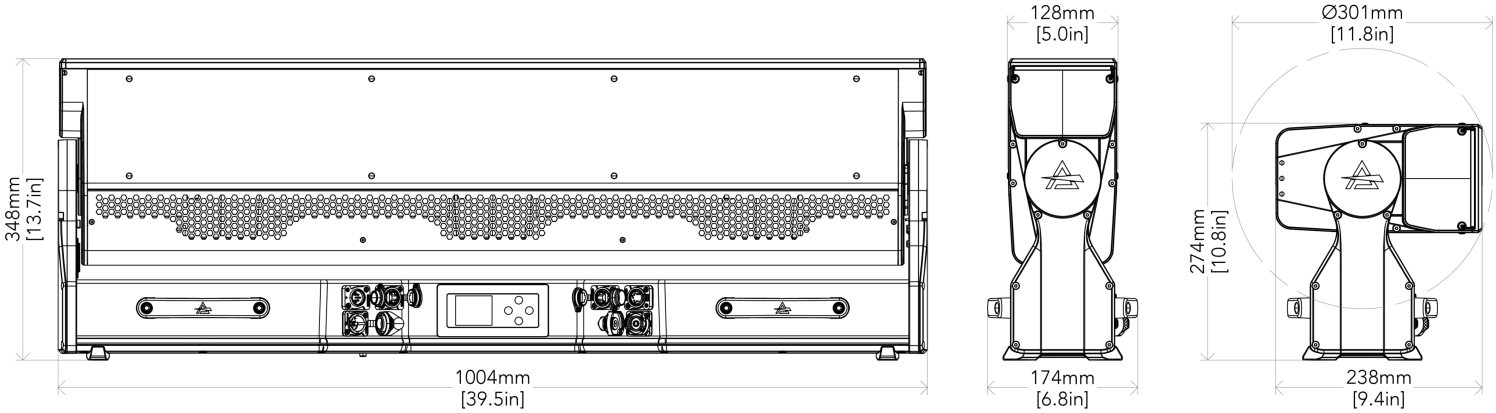


RSR1235A
Steel security cable for hanging bodies, inox steel shackle, L=120 cm, silver



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

TECHNICAL DRAWINGS



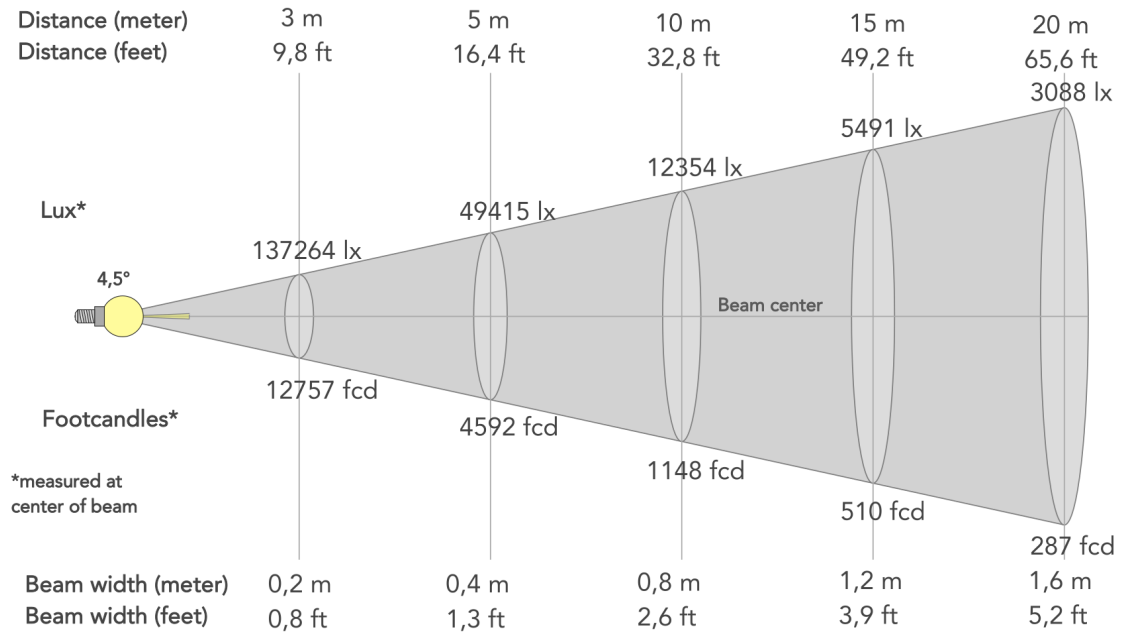
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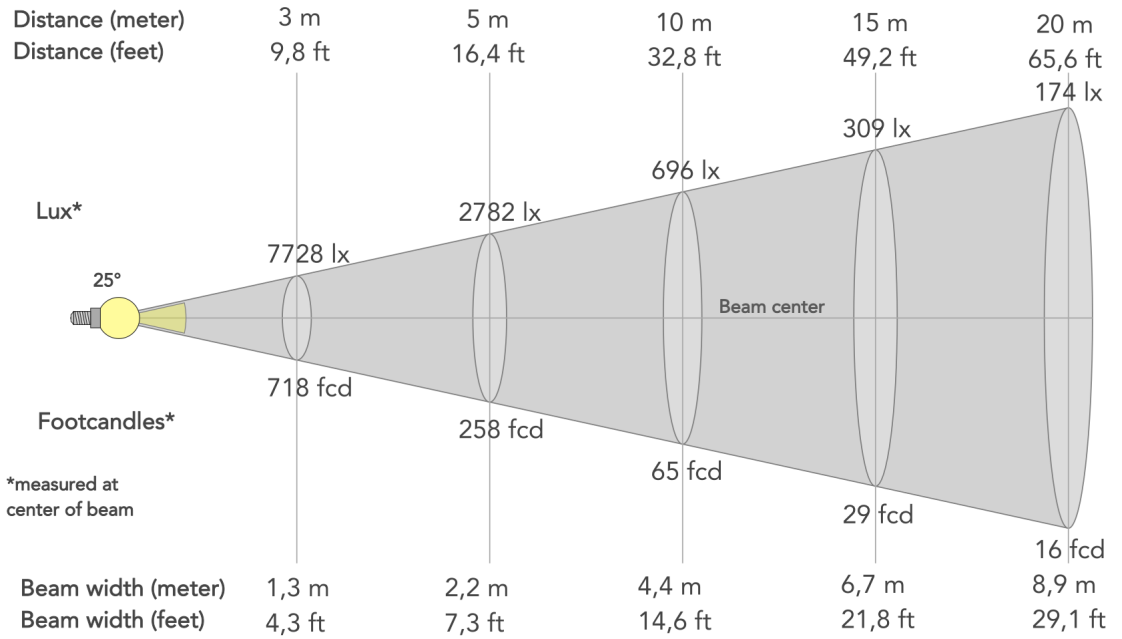
PHOTOMETRICS

Full On - Min Zoom



Beam angle (50%): **4.5°**	Field angle (10%): **7.9°**	Cut-off angle (2.5%): **8.6°**

Full On - Max Zoom



Beam angle (50%): **25°**	Field angle (10%): **39.1°**	Cut-off angle (2.5%): **43.5°**

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