

Astra Blade100IP

IP65 motorized linear batten with 16x40W RGB+WW LEDs with two variable white pixel linear LED strips on both sides and zoom 4°-40°

ORDER CODE: **ASTRABLADE100IP**



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°

TECHNICAL SPECIFICATION

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)

OPTICS

- Zoom range: 4,3° - 39,4° motorised linear zoom
- Lens diameter: 50mm / 1.97" square shape
- Lens type: high-quality glass lens optics

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

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

MOVEMENT

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

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 5 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic

ACCESSORIES & RELATED PRODUCTS

- **FCLASTRAB100IP** Flight case for 2 pcs of ASTRABLADE100IP
- **OS25PLUS** Quick-lock omega bracket, M12 hole
- **OS400PLUS** Quick-lock omega bracket with M12 elongated slot for Astra Blade100IP, 400mm
- **OS324PLUS** Quick-lock omega bracket with M12 hole for Astra Blade100IP, 324mm
- **IPTESTBOX** Portable vacuum and pressure tester for ProLights IP fixtures
- **AETHERBOX** IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready

- Display battery: included, self-charging battery backup
- Selectable PWM: 1000 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included) or via Ethernet with DMX-Workshop

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

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
- **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 / 39.21"x13.23"x6.89"
- Weight: 27,4kg / 60.41lbs

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
- (*) NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

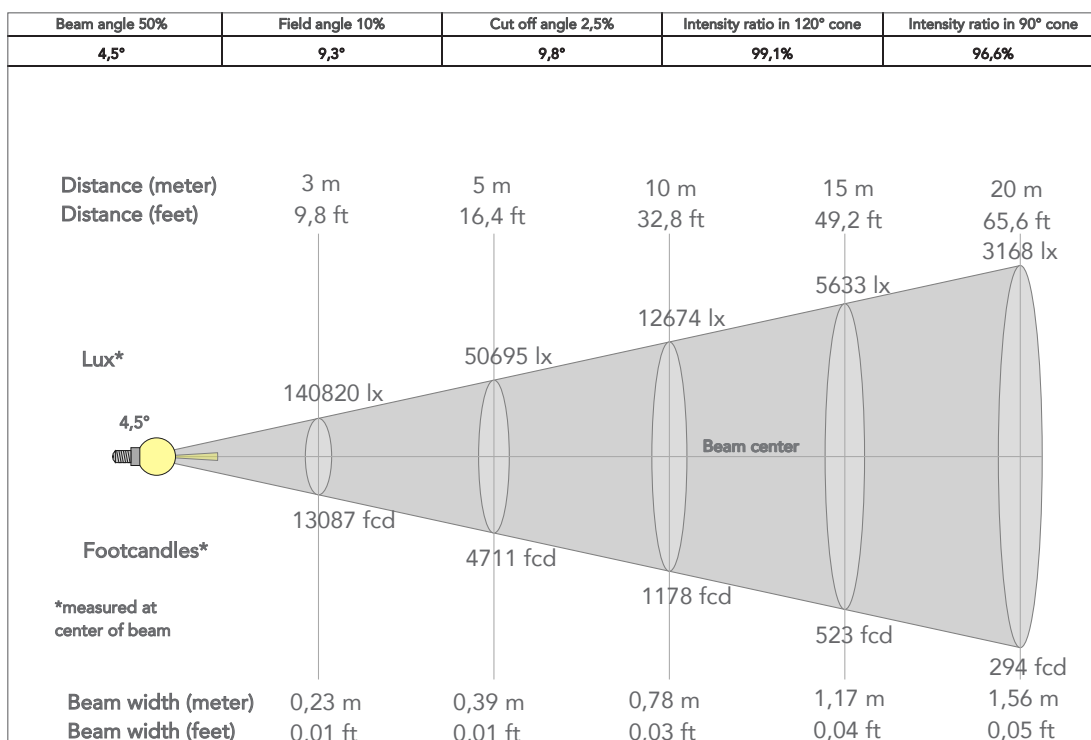
BOX CONTENT

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

- **AETHERBOXONE** IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and PO
- **C6002B** Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
- **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

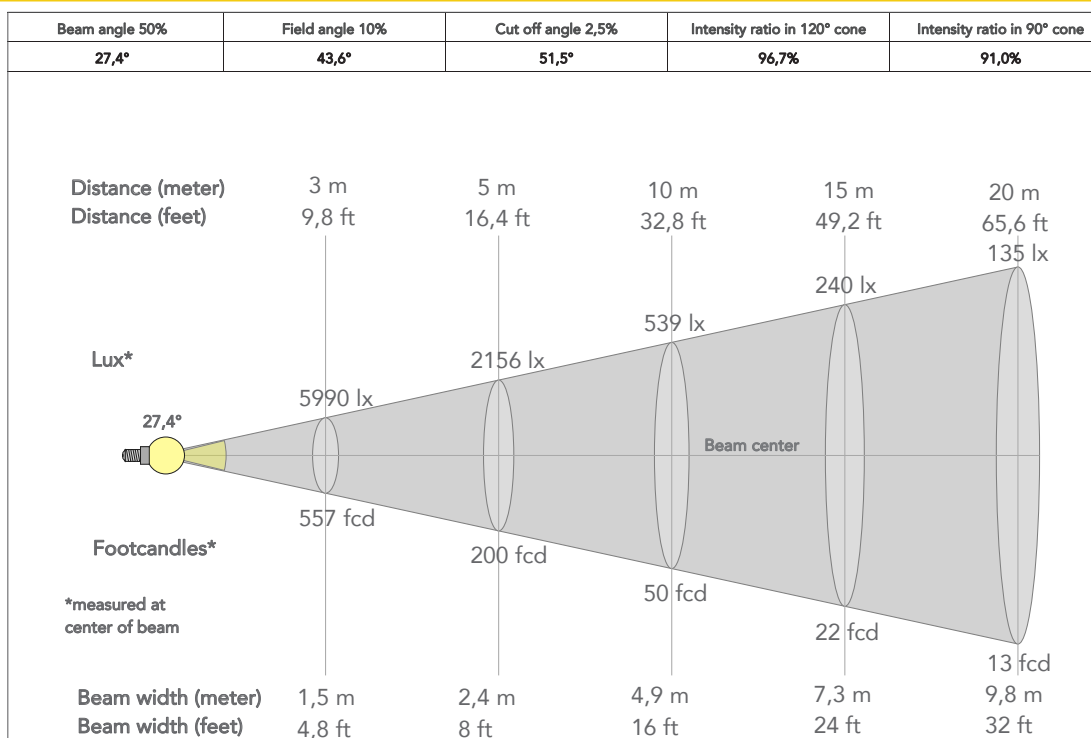
PRESET FULL ON

Beam angle 50%: 4,5°

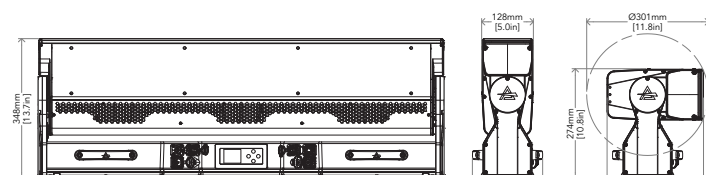


PRESET FULL ON

Beam angle 50%: 43,6°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Visit our website
for specifications and
tech documentations