

Astra Wash37Pix

37x40W RGBW moving wash light with 4°-54° zoom, pixel control and pixel ring
ORDER CODE: **ASTRAWASH37PIX**



The **Astra Wash37PIX** is a powerful LED moving wash light, designed for large stages, arena tours and venues. The 37x40W Osram RGBW LED light source, plus the exterior pixel ring, make this fixture the most powerful LED wash in its class. The unit features an extremely high-efficiency optical system capable of zooming from 4° to 54°, creating beautiful convergence in-air effects and smooth wash spreads. The **Astra Wash37PIX** is single pixel controllable, with multiple on-board effects, and allows access to a precise and advanced white and colour control, all through DMX, CRMX+W-DMX, Art-Net, sACN, Kling-Net and RDM.

MAIN FEATURES

- Silent operation, smooth and fast movements
- Zoom from 4° to 54° with high optical efficiency
- Pixel and ring control, precise white CCT, multiple FX and colour features

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 37x40W RGBW Osram Ostar LEDs
- Luminous flux: (4°) 8'452 lm - (54°) 17'898 @Full
- Lux: (4°) 73'522 lx - (54°) 2'140lx @5 m full
- Other: outer RGB pixel ring with frost film
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: 4° - 54° motorised linear zoom
- Lens type: honeycomb gapless plano-convex optics
- Additional optics: diffuser on outer pixel ring

COLOUR SYSTEM

- Colour mixing: RGBW / FC
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K ~ 10.000K
- Colour wheel: virtual colour wheel with macros

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
- Special features: outer RGB, pixel ring with several built in FX macros and linear crossfade channel from any white to any colour; virtual CTO on colours

CONTROL

- Supported Protocols: DMX512, RDM, Art-Net, Klingnet, sACN, W-DMX
- DMX channels: main personality 23 / 30 / 44 / 52ch
- Pixel control: OFF, ring and pixel2pixel
- RDM: for remote addressing and parameter configuration
- Display: LCD high resolution colour display with autoflip

MOVEMENT

- Pan: 540° - 16-bit resolution
- Tilt: 233° - 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: 4 selectable dimming modes available

ACCESSORIES & RELATED PRODUCTS

• OS24PLUS	Quick-lock omega bracket, M12 hole
• TOUR53415L03	Dmx cable HC5340. CANS5MXX XLR 5p->CANS5FXX XLR (f) 5p, L.3m
• 958225L03	3x2.5mm TH07 Cable, 16A 3p PwCon MXW, 16A 3p PwCon FXW, L. 3m
• 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
• RSR1235B	Steel security cable for hanging bodies, inox steel shackle, L=120 cm, black
• AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready

- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 600 to 50000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX2 (not included)

CONNECTIONS

- Power connection: Neutrik powerCON TRUE1 IN/OUT connectors
- Signal connection: Amphenol XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: Neutrik Art-Net RJ45 IN/OUT

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 1227W
- Standby power: 49.5W
- Power factor: > 0,97

PHYSICAL

- IP rating: IP20
- Cooling: filtered forced-air with low-noise fan
- Housing: Aluminium structure with high-resistance polycarbonate cover
- Finish: black (RAL 9004)
- Operating temperature: Ta -10 to +40 °C (+14 to +104 °F)
- Dimensions (WxHxD): 520x644x310mm / 20.47"x25.35"x12.2"
- Weight: 26,4kg / 58.2lbs

INSTALLATION

- Suspension and fixing: any position with quick-lock omega brackets
- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

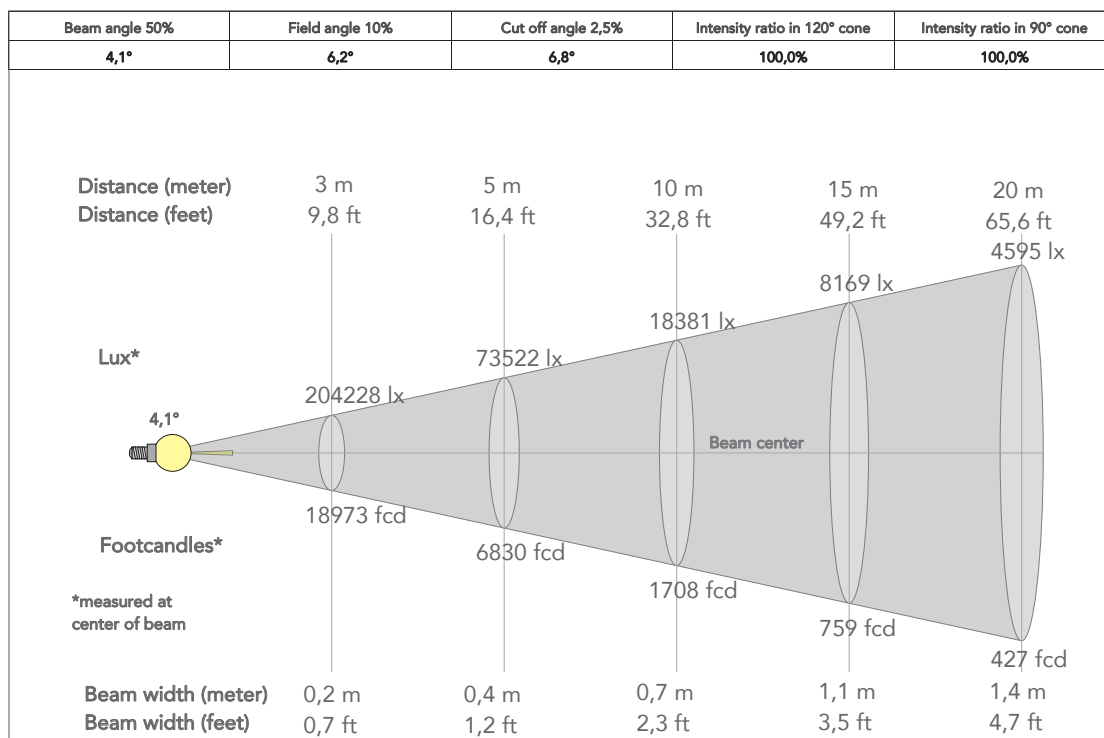
BOX CONTENT

- 1 x ASTRAWASH37PIX
- 2 x OS24PLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - NEUTRIK POWERCON TRUE1 IP65 power connector)
- User Manual

• AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE
• C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
• FCLASTRAW37PIX	Flight case for 2 pcs of ASTRAWASH37PIX
• ASTRAW37PEC	Egg Crate for ASTRAWASH37PIX
• ASTRAW37MBCR	Matt black cover for ring for ASTRAWASH37PIX
• ASTRAW37PSF	SmoothfilterforASTRAWASH37PIXandASTRAWASH37PIXIP
• UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

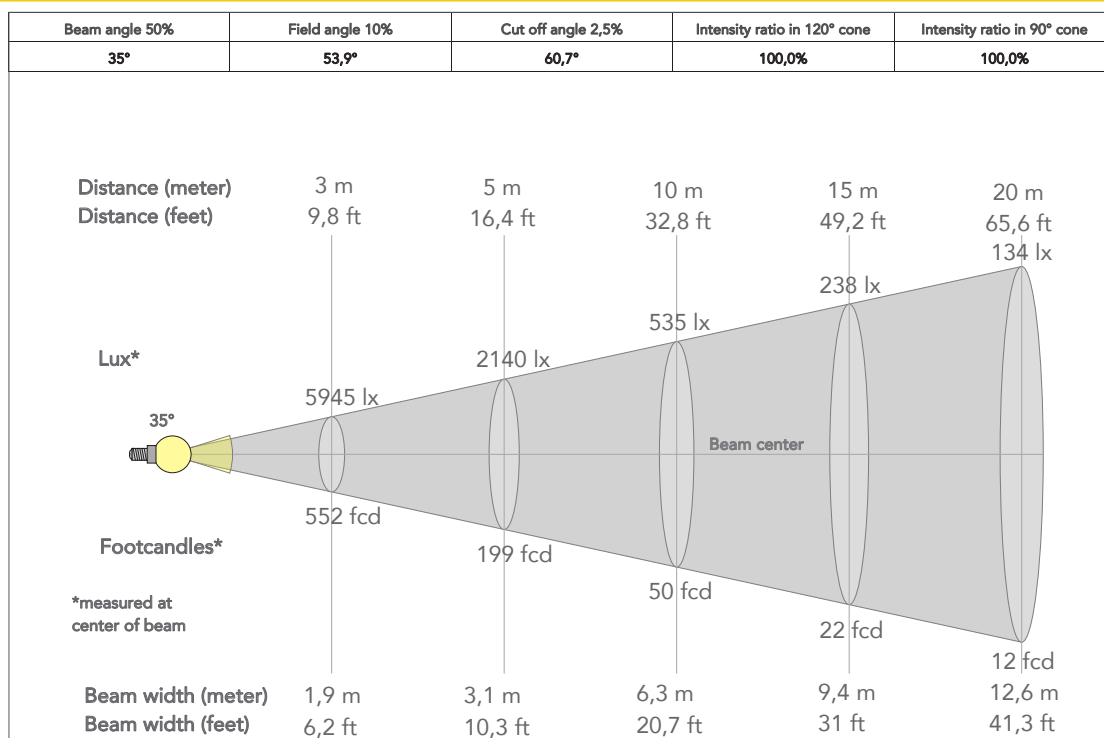
PRESET FULL ON

Beam angle 50%: 4°

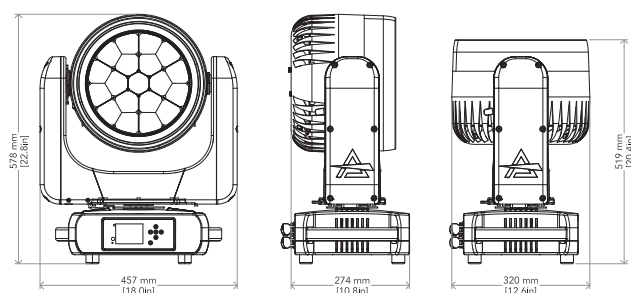


PRESET FULL ON

Beam angle 50%: 54°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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

Visit our website
for specifications and
tech documentations

