

# Astra Wash7PixIP

Come rain or shine,  
unmatched performance

## Astra Wash7PixIP

IP65 moving wash light with 7x40W RGBW LED and 4°-56° zoom

ORDER CODE: **ASTRAWASH7PIXIP**



7x40W RGBW  
Osram Ostar  
LEDs



Virtual colour  
wheel with 61  
colour presets



Linear CCT control  
2.800 K~10.000 K



Tint channel  
with +/- 0.25  
green correction



Virtual CTO  
channel on  
RGBW mixing



4° - 56°  
motorised  
linear zoom



Fx library with 40  
built-in dynamic  
static pixel macro



Built-in Fx  
customizable in:  
speed, colours,  
dimmer, strobe,  
fade, Fx transition



New IP65 body  
elements proof  
(water & dust)



RDM - DMX -  
WDMX - SACN  
ART-NET - CRMX  
KLINGNET

The **Astra Wash7PIXIP** is an IP65 LED moving wash light, designed in a small and lightweight body, with the same features and performances than its indoor version. This fixture has a 7x40W Osram RGBW LED light source, and an extremely high-efficiency optical system capable of zooming from 4° to 56°, making this luminaire extremely versatile for any application as a beam or wash light. The **Astra Wash7PIXIP** is single pixel controllable, with multiple on-board FX, along with precise and advanced white and colour control, all through DMX/RDM, W-DMX, Art-Net, sACN and Kling-Net.

### TECHNICAL SPECIFICATION

#### LIGHT SOURCE

- Source: 7x40 W RGBW Osram Ostar LEDs
- Luminous flux: (4°) 2'013 lm - (56°) 3'543 lm @full
- Lux: (4°) 18'360 lx - (56°) 364 lx @5 m full
- Source life expectancy: > 50.000 h

#### OPTICS

- Zoom: 4° - 56 ° motorised linear zoom
- Lens type: honeycomb gapless plano-convex optics

#### COLOUR SYSTEM

- Colour mixing: RGBW / FC
- CCT: CCT control, + / - green correction, tungsten emulation
- White presets: 2.800 K ~ 10.000 K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

#### DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Special features: linear crossfade channel from any white to any colour; virtual CTO on colours

#### BODY

- Hardware on-board: sockets for quick-Lock Omega bracket (clamp not included)
- Pan angle: 540 °
- Tilt angle: 233 °
- Pan/Tilt resolution: 16 bit
- Feedback: automatic repositioning after accidental movement
- Body: weatherproof IP65 construction
- Body colour: RAL 9004

#### CONTROL

- Protocols: DMX512, RDM, Art-Net, Klingnet, sACN, W-DMX
- DMX channels: main personality 24 / 27 / 39 channel
- Pixel control: OFF, ring and pixel2pixel selectable options
- 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: LCD high resolution colour display with autoflip
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included

#### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° ~ +45°
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 50.000 Hz

#### ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 220 W
- Output (at 230V): 13 units on a single power line
- Power factor: > 0,93

#### PHYSICAL

- IP rating: 65 for temporary outdoor use (\*)
- Cooling: forced air with fan
- Suspension and fixing: any position with quick-lock omega brackets
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Data connection: Seetronic Art-Net RJ45 IN/OUT
- Power connection: Seetronic powerCON TRUE IP65 IN
- Dimensions (WxHxD): 300x424x213 mm
- Weight: 13,2 kg
- (\*)NOTE: Suitable for permanent outdoor use, provided installation and maintenance cycles by qualified technicians are carried.

#### CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

# Astra Wash7PixIP

Compact fixture  
with a powerful beam

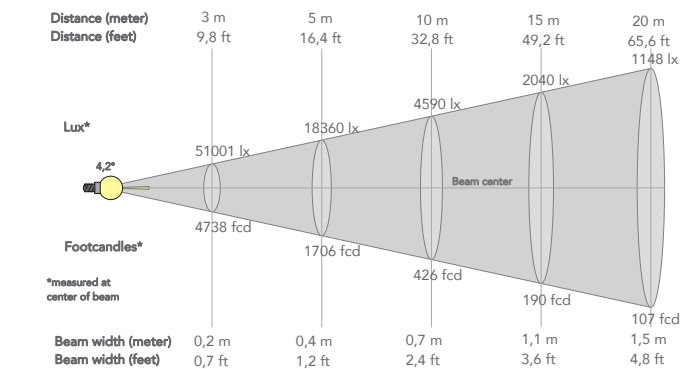
## Astra Wash7PixIP

### PHOTOMETRICS

#### PRESET FULL ON

Beam angle 50%: 4°

| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 4,2°           | 5,5°            | 6,1°               | 100,0%                       | 100,0%                      |



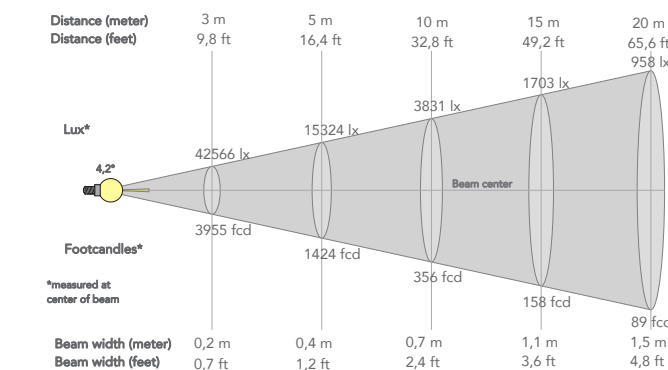
#### BEAM INTENSITIES AND WIDTHS

| Distance  | 1m       | 2m       | 3m      | 4m      | 5m      | 7,5m   | 10m    | 15m    | 20m    | 25m   | 30m    | 40m     | 50m   |
|-----------|----------|----------|---------|---------|---------|--------|--------|--------|--------|-------|--------|---------|-------|
| Distance  | 3,3ft    | 6,6ft    | 9,8ft   | 13,1ft  | 16,4ft  | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft  | 98,4ft | 131,2ft | 164ft |
| Lux       | 45900lx  | 11475lx  | 51001lx | 28688lx | 18360lx | 8160lx | 4590lx | 2040lx | 1148lx | 734lx | 510lx  | 287lx   | 184lx |
| Footcand. | 42643fcd | 10661fcd | 4738fcd | 2665fcd | 1706fcd | 758fcd | 426fcd | 190fcd | 107fcd | 68fcd | 47fcd  | 27fcd   | 17fcd |
| Beam wid. | 0,1m     | 0,1m     | 0,2m    | 0,3m    | 0,4m    | 0,5m   | 0,7m   | 1,1m   | 1,5m   | 1,8m  | 2,2m   | 2,9m    | 3,7m  |
| Beam wid. | 0,2ft    | 0,5ft    | 0,7ft   | 1ft     | 1,2ft   | 1,8ft  | 2,4ft  | 3,6ft  | 4,8ft  | 6ft   | 7,2ft  | 9,6ft   | 12ft  |

#### PRESET 4.000 K

Beam angle 50%: 4°

| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 4,2°           | 5,5°            | 6,1°               | 100,0%                       | 100,0%                      |



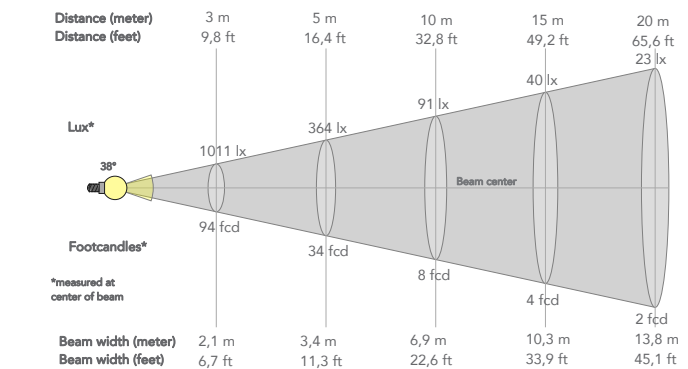
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| Distance  | 1m       | 2m      | 3m      | 4m      | 5m      | 7,5m   | 10m    | 15m    | 20m    | 25m   | 30m    | 40m     | 50m   |
|-----------|----------|---------|---------|---------|---------|--------|--------|--------|--------|-------|--------|---------|-------|
| Distance  | 3,3ft    | 6,6ft   | 9,8ft   | 13,1ft  | 16,4ft  | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft  | 98,4ft | 131,2ft | 164ft |
| Lux       | 383093lx | 95773lx | 42566lx | 23943lx | 15324lx | 6811lx | 3831lx | 1703lx | 958lx  | 613lx | 426lx  | 239lx   | 153lx |
| Footcand. | 35591fcd | 8898fcd | 3955fcd | 2224fcd | 1424fcd | 633fcd | 356fcd | 158fcd | 89fcd  | 57fcd | 40fcd  | 22fcd   | 14fcd |
| Beam wid. | 0,1m     | 0,1m    | 0,2m    | 0,3m    | 0,4m    | 0,6m   | 0,7m   | 1,1m   | 1,5m   | 1,8m  | 2,2m   | 2,9m    | 3,7m  |
| Beam wid. | 0,2ft    | 0,5ft   | 0,7ft   | 1ft     | 1,2ft   | 1,8ft  | 2,4ft  | 3,6ft  | 4,8ft  | 6ft   | 7,2ft  | 9,6ft   | 12ft  |

#### PRESET FULL ON

Beam angle 50%: 56°

| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 38°            | 56,2°           | 67,6°              | 99,9%                        | 99,9%                       |



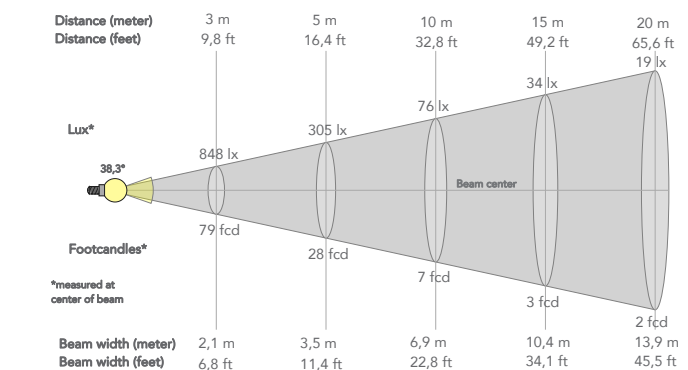
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|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Distance  | 3,3ft  | 6,6ft  | 9,8ft  | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft   | 98,4ft | 131,2ft | 164ft   |
| Lux       | 9096lx | 2274lx | 1011lx | 569lx  | 364lx  | 162lx  | 91lx   | 40lx   | 23lx   | 15lx   | 10lx   | 6lx     | 4lx     |
| Footcand. | 845fcd | 211fcd | 94fcd  | 53fcd  | 34fcd  | 15fcd  | 8fcd   | 4fcd   | 2fcd   | 1fcd   | 0fcd   | 0fcd    | 0fcd    |
| Beam wid. | 0,7m   | 1,4m   | 2,1m   | 2,8m   | 3,4m   | 5,2m   | 6,9m   | 10,3m  | 13,8m  | 17,2m  | 20,6m  | 27,5m   | 34,4m   |
| Beam wid. | 2,3ft  | 4,5ft  | 6,7ft  | 9ft    | 11,3ft | 16,9ft | 22,6ft | 33,9ft | 45,1ft | 56,4ft | 67,7ft | 90,3ft  | 112,9ft |

#### PRESET 4.000 K

Beam angle 50%: 56°

| Beam angle 50% | Field angle 10% | Cut off angle 2,5% | Intensity ratio in 120° cone | Intensity ratio in 90° cone |
|----------------|-----------------|--------------------|------------------------------|-----------------------------|
| 38,3°          | 56,6°           | 68°                | 100,0%                       | 100,0%                      |



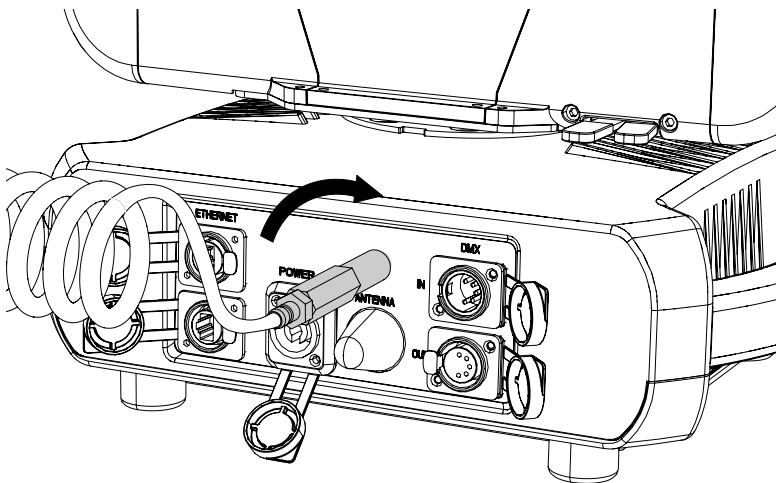
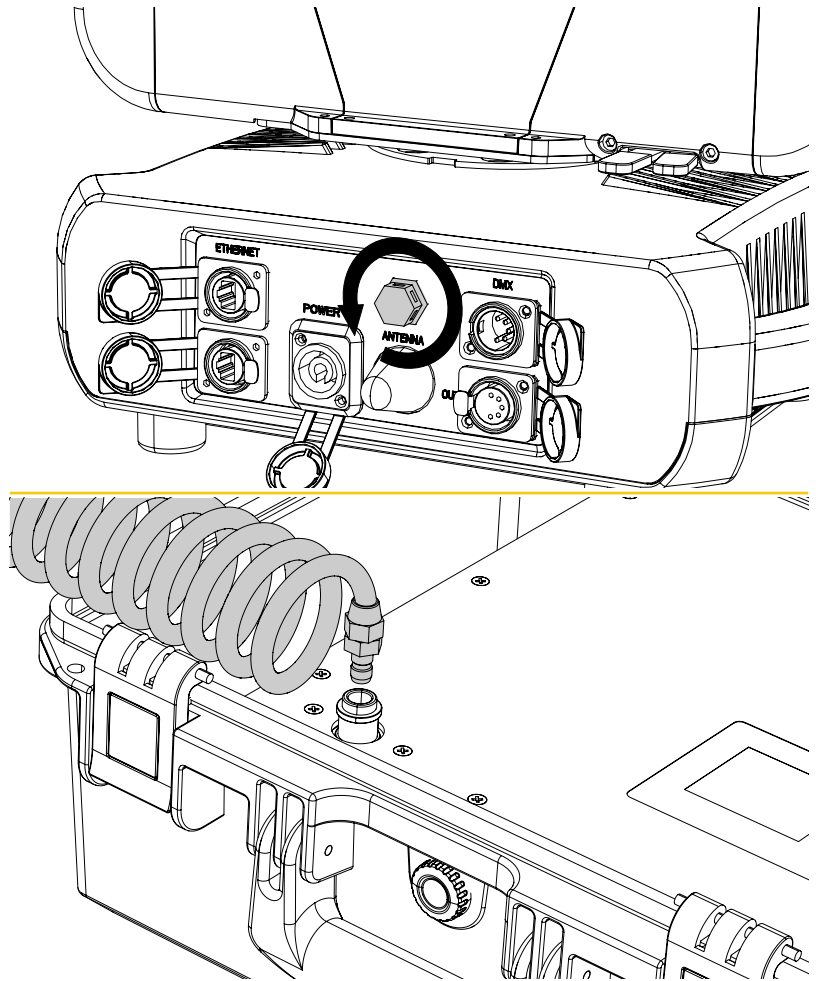
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|-----------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Distance  | 3,3ft  | 6,6ft  | 9,8ft | 13,1ft | 16,4ft | 24,6ft | 32,8ft | 49,2ft | 65,6ft | 82ft   | 98,4ft | 131,2ft | 164ft   |
| Lux       | 7633lx | 1908lx | 848lx | 477lx  | 305lx  | 136lx  | 76lx   | 34lx   | 19lx   | 12lx   | 8lx    | 5lx     | 3lx     |
| Footcand. | 709fcd | 177fcd | 79fcd | 44fcd  | 28fcd  | 13fcd  | 7fcd   | 3fcd   | 2fcd   | 1fcd   | 0fcd   | 0fcd    | 0fcd    |
| Beam wid. | 0,7m   | 1,4m   | 2,1m  | 2,8m   | 3,5m   | 5,2m   | 6,9m   | 10,4m  | 13,9m  | 17,3m  | 20,8m  | 27,7m   | 34,7m   |
| Beam wid. | 2,3ft  | 4,6ft  | 6,8ft | 9,1ft  | 11,4ft | 17,1ft | 22,8ft | 34,1ft | 45,5ft | 56,9ft | 68,3ft | 91ft    | 113,8ft |

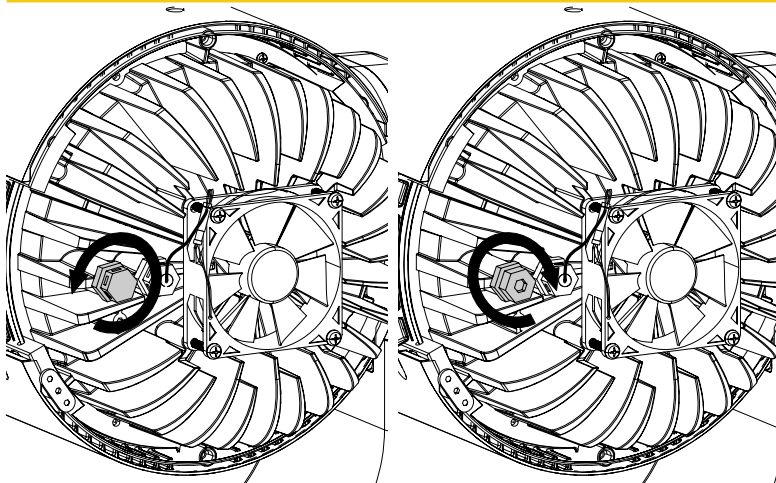
# Astra Wash7PixIP

THE NEW IP TEST BOX

**PROLIGHTS** has developed a portable IP tester which will be available for sale. This tool allows to test the IP rating after service for the Astra Wash7PixIP and any other future IP products.



You can run internal test programs for IP65 - IP66 - IP67 - IP68 . It tests both vacuum (sucking the air) and pressure (pushing air) over a certain duration according to the type of test chosen.



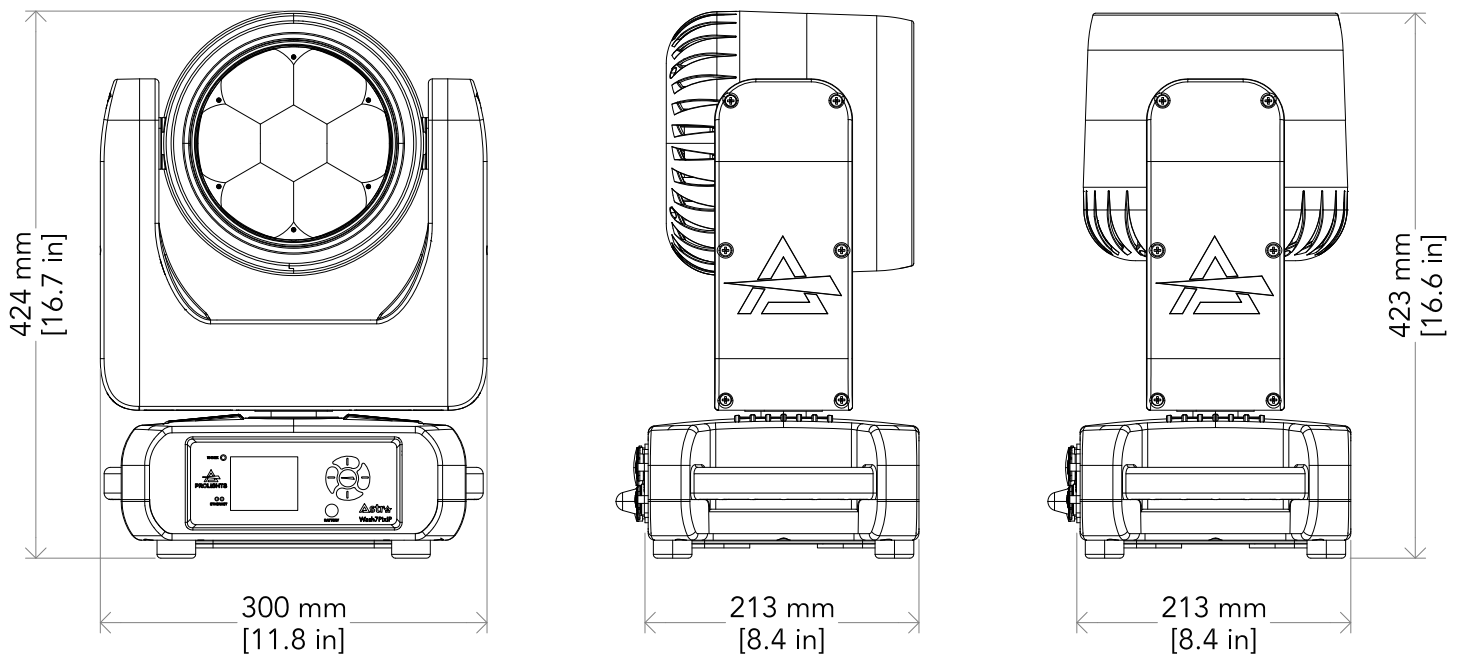
# Astra Wash7PixIP

## ACCESSORIES

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| • 9313FXWL03      | Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, SETSAC3FX socket, L.3 m          |
| • 9333FXWL03      | Ass. 3x2.5mm TH07 cable, SHUKO plug, SETSAC3FX socket, L.3m                     |
| • 938225L03       | 3x2.5mm TH07 Cable, 16A SETSAC3MX, 16A SETSAC3FX, L. 3m                         |
| • C6002B          | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black              |
| • FCLASTRAW7PIXIP | Flight case for 6 pcs of ASTRAWASH7PIXIP                                        |
| • INF53415L03     | Dmx cable HC5340. SETMC5MXXB XLR 5p->SETMC5FXXB XLR (f) 5p L.3m                 |
| • RSR0630B        | Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black     |
| • 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   |
| • OSIP            | IP65 quick-lock omega bracket compatible with IP65 moving heads                 |
| • IPTESTBOX       | Portable vacuum and pressure tester for ProLights IP fixtures                   |
| • UPBOX2          | Firmware uploader kit, USB IN, 3-pin XLR DMX OUT                                |

# Astra Wash7PixIP

## TECHNICAL DRAWINGS



WEIGHT: 13,2 kg / 29.10 lb

## PACKAGE CONTENT

- 1 x **ASTRAWASH7PIXIP**
- 1 x 1,5 meters power cable (BARE END - SEETRONIC IP65 power connector)
- 2 x OSIP
- 1 x Antenna
- User Manual

## CERTIFICATIONS / APPROVALS



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

Visit our website  
for specifications and  
tech documentations

