

INTELLIPIX XT



AYRTON
Digital Lighting

**Lumens****7,650****Kelvin****-****CRI****< 86****Beam****2°**

INTELLIPIX XT

Creative solutions

024750

INTELLIPIX XT is a refined and evolved version of AYRTON's original INTELLIPIX R. In the same creative spirit, this versatile luminaire is fitted with nine ultra-powerful, low-etendue, multichip LED emitters, which can be controlled individually and are coupled with AYRTON's new proprietary 126 mm-diameter optics. This configuration pushes the limits even further with a 2° full beam and a centre-beam luminous intensity of 580 candelas per lumen – six times greater efficiency than its predecessor. INTELLIPIX XT has a next-generation power supply unit that ensures efficiency over 95%. This technology enables the highly compact luminaire to run continuously at full power without any loss of performance.

In light of the diameter of the optics, AYRTON's challenge was to create a minimalist physical design to reduce the visual footprint, essentially making the luminaire semi-transparent. With a highly precise coupling accessory, multiple INTELLIPIX XT luminaires can be perfectly positioned in order to create large-dimension 3D volumetric lighting effects. A highly adjustable yoke system enables the luminaire to be used individually to generate complex assembled shapes.

OPTICS

- Beam aperture: 2°
- 85% optic efficiency
- 9 x 126 mm PMMA collimator optic

LIGHT SOURCE

- 9 x 1,000 lumens RGBW LED source
- Luminaire output: up to 7,650 lumens
- Luminous intensity: 5,220,000 cd
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

COLOURS

- Sophisticated 4 colours RGBW mixed
- 4.29 billion colours (8 bit resolution)
- Virtual colour wheel
- Dynamic colour macro effect

EFFECTS

- 2D & 3D graphical effects capabilities
- Built-in pattern effects

DIMMER / STROBE

- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second

HARDWARE FEATURES

- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- XLR 5 pin connectors
- powerCON TRUE1 connectors

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 3 DMX modes (6 to 45 DMX channels)

POWER SUPPLY

- 100 to 240 Volts – 50/60 Hz
- Power: 420 W maximum

COOLING SYSTEM

- Advanced cooling system
- Self-adjusting variable speed fans
- Selectable ventilation user modes
- Excess-temperature protection

HOUSING

- Skeleton in aluminium and steel plates
- Moulded covers in ABS PC (V0 class)
- Single yoke in aluminium
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- 8 fixing points for multiple products assembly
- 2 rotating handles to adjust yoke
- Safety cable attachment point

OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 5.0 m (16.40 ft)

COMPLIANCE

- EMC Directive 2014/30/EU
- LVD Directive 2014/35/EU

SIZE

- Product: 473 x 473 x 247 mm (l x h x d)
- Foam: 557 x 515 x 330 mm (l x h x d)

WEIGHT

- Product: 15.5 kg

PRODUCT CODE

- 024750: INTELLIPIX XT



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www.ayrton.eu