

MAGICDOT XT



AYRTON
Digital Lighting

**Lumens****850****Kelvin****-****CRI****<86****Beam****2°**

MAGICDOT XT

Creative solutions

015170

MAGICDOT XT is a radical variant of the revolutionary MAGICDOT R. It is fitted with the AYRTON's new and proprietary 126 mm diameter optic – which distinguishes the "XT" product line. Weighing in at 550 grammes, this new high-efficiency lens is the world's largest collimator! Combined with an ultra-powerful, low-etendue, RGBW multichip LED emitter, MAGICDOT XT pushes the limits of technology even further with a 2° full beam and centre-beam luminous intensity of 580 candelas per lumen – six times greater efficiency than MAGICDOT R. With an active phase-change liquid cooling system that employs a heat pipe, this luminaire can be used continuously without significant loss of output.

The minimalist cylindrical design of the MAGICDOT XT is a scaled-up version of MAGICDOT R. The new luminaire sports all same features, including ultra-rapid movement and continuous, unlimited, rotation on pan and tilt. The compact footprint permits multiple MAGICDOT XT luminaires to be installed with a minimum amount of space between them. In addition to standard DMX-RDM connectors, MAGICDOT XT can be controlled via wireless CRMX TiMo RDM from LumenRadio™.

OPTICS

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

LIGHT SOURCE

- 1,000 lumens RGBW LED source
- Luminaire output: up to 850 lumens
- Luminous intensity: 580,000 cd
- CRI: up to 86
- Rated life (L70): up to 40,000 hours
- Flicker-free source

MOVEMENT

- Highly accurate positioning
- Resolution: 8- or 16-bit
- Smooth movement
- Pan and tilt with automatic repositioning
- Range: infinite pan & tilt rotation

COLOURS

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

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
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- powerCON TRUE1 connectors

CONTROL

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- 2 DMX modes (15 to 17 DMX channels)

POWER SUPPLY

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

COOLING SYSTEM

- Advanced liquid 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)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

INSTALLATION

- One Omega ¼ turn brackets
- Two ¼ turn mounting points
- Safety cable attachment point

OPERATING PARAMETERS

- Maximum temperature: 45 °C (113 °F)
- Minimum temperature: -10 °C (14 °F)
- Minimum usage distance: 2.0 m (6.56 ft)

COMPLIANCE

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

SIZE

- Product: 235 x 360 x 235 mm (l x h x d)
- Foam: 290 x 355 x 290 mm (l x h x d)

WEIGHT

- Product: 6.2 kg

PRODUCT CODE

- 015170: MAGICDOT XT



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