

# MAGICBURST



**AYRTON**  
Digital Lighting

**Lumens****240,000****Kelvin****-****CRI****> 85****Beam****-**

## MAGICBURST

Creative solutions

016850

MAGICBURST is the first high-power graphic LED strobe with continuous, unlimited, rotation on pan and tilt. A 384 x 384 mm squared face supports 3,840 high-output LEDs grouped into 64 pixels on an 8 x 8 matrix. The strobe duration, speed and intensity of each 60-LED pixel can be individually controlled to create breathtaking stroboscopic effects. A library of fixed images and pre-programmed dynamic effects are accessible from fixture memory. With a new, state-of-the-art, ultra-compact 1,300 W power supply, MAGICBURST can deliver peak light output of over 240,000 lumens for several seconds.

With a minimalist design and reduced visual footprint, MAGICBURST is similar to the form factor of the DREAMPANEL product family, which allows you to create giant graphic arrays with no visible structure. The standardized size of the LED matrix permits hybrid screens to be assembled, to allow you to use different units from the AYRTON product family in combination. MAGICBURST has extended serial connectivity and can be controlled via DMX-RDM, ArtNet™, sACN or a wireless link using CRMX TiMo RDM from LumenRadio™.

## **LIGHT SOURCE**

- 3,840 mono-chip white LED source
- Pixel resolution: 8 x 8
- Pixel population: 64 of 60 LED
- Luminaire output: up to 240,000 lumens
- CRI: greater than 85
- 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**

- Monochromatic daylight source
- Perfectly calibrated at 5600 K

## **EFFECTS**

- Graphical effects capabilities
- Built-in pattern effects

## **DIMMER / STROBE**

- Electronic dimmer from 0 to 100%
- Strobe effect: 1 to 25 flashes per second
- Individual control of the speed & duration

## **HARDWARE FEATURES**

- Graphic LCD display with flip function
- 6 menu buttons to set the functions
- Integrated LumenRadio™ receiver
- XLR 5 pin connectors
- etherCON RJ45 connectors
- powerCON TRUE1 connectors

## **CONTROL**

- DMX 512 protocol
- DMX-RDM compatible
- Stand-alone mode, local control panel
- ArtNet™ & sACN protocol
- 6 DMX modes (12 to 203 DMX channels)

## **POWER SUPPLY**

- 100 to 240 Volts – 50/60 Hz
- Power: 1,400 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)
- Two-side handles
- Four heavy-duty feet
- IP20 protection rating
- Exterior finish: black (Carbon)

## **INSTALLATION**

- Two Omega ¼ turn brackets
- Four 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: 1.0 m (3.28 ft)

## **COMPLIANCE**

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

## **SIZE**

- Product: 473 x 630 x 307 mm (l x h x d)
- Foam: 550 x 662 x 367 mm (l x h x d)

## **WEIGHT**

- Product: 18.9 kg

## **PRODUCT CODE**

- 016850: MAGICBURST



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[www.ayrton.eu](http://www.ayrton.eu)