

Mosaico L

250W IP66 zoomable LED image projector with an animation wheel and framing shutters

ORDER CODE: **MOSAICOL**



The **Mosaico L** is a bright outdoor LED image projector, designed for long-range image, textures and logo projections.

Built in a durable IP66 die-cast housing, the **Mosaico L** offers a phenomenal output of 14,200 lumens and an extensive set of features including a rotating animation wheel, 7 interchangeable gobos, and motorized framing shutters that precisely focus within a certain projection area.

It has an exceptional zoom range, from 8° to 48°, making it versatile in both near-field and long-throw installations, or even for static and animated facade building lighting.

MAIN FEATURES

- IP66 for long-lasting installations, with minimal maintenance needed
- 8°- 48° linear zoom system, for both near and long throw installation
- 250W White LED engine (8,000K), with up to 14'200 lumen output
- Extensive feature set including 7 colour-filters on wheel, 7 interchangeable rotating gobos, animation wheel and motorized framing shutters

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 312W high-power white LED
- CCT: 8.000K
- Luminous flux: (8°) 9'000 lm - (48°) 14'200lm @full
- Lux: (8°) 24'141 lx - (48°) 686lx @5 m full
- Source life expectancy: > 20.000 h

OPTICS

- Zoom: 8°- 48° motorised linear zoom
- Lens diameter: 110mm
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised

COLOUR SYSTEM

- Colour mixing: cold white LED with colour wheel
- Colour wheel: open + 7 colour filters

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer
- Shutter system: 4 shutter blades with position and $\pm 30^\circ$ angle adjustment, $\pm 45^\circ$ rotation of the complete framing system
- Animation wheel: interchangeable animation wheel with CW and CCW rotation
- Rotating gobos: open + 7 rotating gobos + open, interchangeable, indexing
- Gobo size (BW): outer: 26,9 mm - image: 23 mm
- Gobo size (Color): outer: 26,9 mm - image: 20,5 mm
- FX generator: shutter macros with adjustable speed
- Circular prism: 3ff with bi-directional rotation, indexing
- Frost: linear 0 - 100% frost filter
- Special features: record scenes and create chases and shows throughout these scenes

BODY

- Body: weatherproof IP66 construction
- Body colour: RAL 9006

ACCESSORIES & RELATED PRODUCTS

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|--------------|---|
| • C6002B | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black |
| • RSR1235B | Steel security cable for hanging bodies, inox steel shackle, L=120 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 |

CONTROL

- Protocols: DMX512, RDM, W-DMX
- Stand Alone: Stand Alone programmer and playback
- DMX channels: 22 / 32 / 43channel
- Wireless Control: included, Wireless Solution transceiver
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) 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° C / +45° C (-4° F / +113° F)
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 40.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 400W
- Output (at 230V): 4 units on a single power line
- Power factor: > 0,96

PHYSICAL

- IP rating: 66 for outdoor installations
- Cooling: combination of heat pipe cooling system and low noise fan
- Suspension and fixing: bracket for hanging and positioning
- Adaptors: XLR and Schuko 16A adaptors included
- Signal connection: moulded IP signal IN/OUT connectors
- Data connection: W-DMX transceiver
- Power connection: moulded IP power IN/OUT connectors
- Dimensions (WxHxD): 362x428x451mm
- Weight: 25kg

CERTIFICATIONS / APPROVALS

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

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| • WSBBR512G6 | BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM, Bluetooth,G3,G4,G4S,G5,CRMX |
| • MOSUNIBRACKXL | Bracket for MOSAICOXL for wall mounting and suspension on poles |
| • AWEXAC1L03/05/10/20 | IP67 power extension cable for outdoor architectural projectors, L.03/05/10/20 m |
| • AWEXDC1L03/05/10/20 | IP67 DMX extension cable for outdoor architectural projectors, L.03/05/10/20 m |
| • UPBOX1U | Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT |