

# Mosaico XL

540 W IP66 zoomable LED image projector with CMY and framing shutters

ORDER CODE: **MOSAICOXL**



**Mosaico XL** is an extremely powerful long-range outdoor LED fixture for the projection of textures, images and logos onto buildings and landscapes. Built in a durable IP66 die-cast housing, the **Mosaico XL** offers a phenomenal output of 17'000 lumens and an extensive set of features including CMY colour mixing system and profile to precisely shape the projection area. The exceptional zoom ranges from 5° to 50° allowing this fixture to be installed at any distance making it versatile in both near-field and long-throw installations.

## MAIN FEATURES

- 540 W White LED engine with 6.000 K CT delivering 17'000 lumens output
- IP66 and equipped with 5°- 50° linear zoom system to complete any installation
- Extensive feature set including CMY and linear CTO, shutter frame and animation wheel

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 540 W high-power white LED
- CCT: 6.000 K
- Luminous flux: (5°) 8'361 lm - (50°) 17'042 lm
- Lux: (5°) 113'888 lx - (50°) 3'640 lx @3 m
- Lux: (5°) 41'000 lx - (50°) 1'310 lx @5 m
- Source life expectancy: > 50.000 h
- Other: TM-30-15RF/RG: 95/65 - TLCI: (5°) 44,2 - (50°) 42,8

### OPTICS

- Zoom: 5° - 50° motorised linear zoom
- Lens diameter: 119 mm
- Lens type: high-quality glass lens optics
- Focus: motorised

### COLOUR SYSTEM

- Colour mixing: linear CMY
- CTC: linear 2.600 K - 6.000 K
- Colour wheel: 6 dichroic filters + open

### DYNAMIC EFFECTS

- Shutter system: 4 shutter blades with position and  $\pm 30^\circ$  angle adjustment,  $\pm 45^\circ$  rotation of the complete framing system
- Animation wheel: animation wheel with CW and CCW rotation
- Rotating gobos: 7 rotating gobos + open, interchangeable, indexing
- Gobo size: gobo  $\varnothing$  26,9 mm - img  $\varnothing$  20,5 mm - 1,1 mm
- Circular prism: 4 f with bi-directional rotation, indexing
- Frost: dual frost filter system, soft-edge linear frost filter, hard edge linear frost filter
- Iris: 5 ~ 100% motorised linear iris
- Special features: record scenes and create chases and shows throughout these scenes

### BODY

- Body: aluminium die-casting
- Body colour: cool gray 6C

### CONTROL

- Protocols: DMX512, RDM, W-DMX
- DMX channels: 28 / 30 / 35 channel
- W-DMX: included, wireless solution receiver

## ACCESSORIES & RELATED PRODUCTS

- FCLMOSAICOXL: Flightcase for 3 pcs of MOSAICOXL
- MOSUNIBRACKXL: Bracket for MOSAICOXL for wall mounting and suspension on poles
- MOSXLOQBW: Custom glass grid gobo for MOSAICOXL, used to map perfectly any building surface

- RDM: RDM ready for fixture remote monitor and settings
- Display: black OLED touch display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronized operation of more units linked in a chain

### ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 different dimming curves available
- Strobe / shutter: 1 - 30 Hz, electronic
- Battery backup: battery backup for user operation without connecting to the main power
- Operating temperature:  $-20^\circ \sim +45^\circ$
- Flicker: flicker free operation

### ELECTRICAL

- Power supply: 100-240 V - 50/60 Hz
- Power consumption (at 230 V): (static) 571 W - (dynamic) 587 W
- Power consumption (at 120 V): (static) 592 W - (dynamic) 607 W
- Output (at 230 V): 3 units on a single power line
- Output (at 120 V): 1 units on a single power line
- Power factor: pF 0,97 @230 V- pF 0,99 @120 V

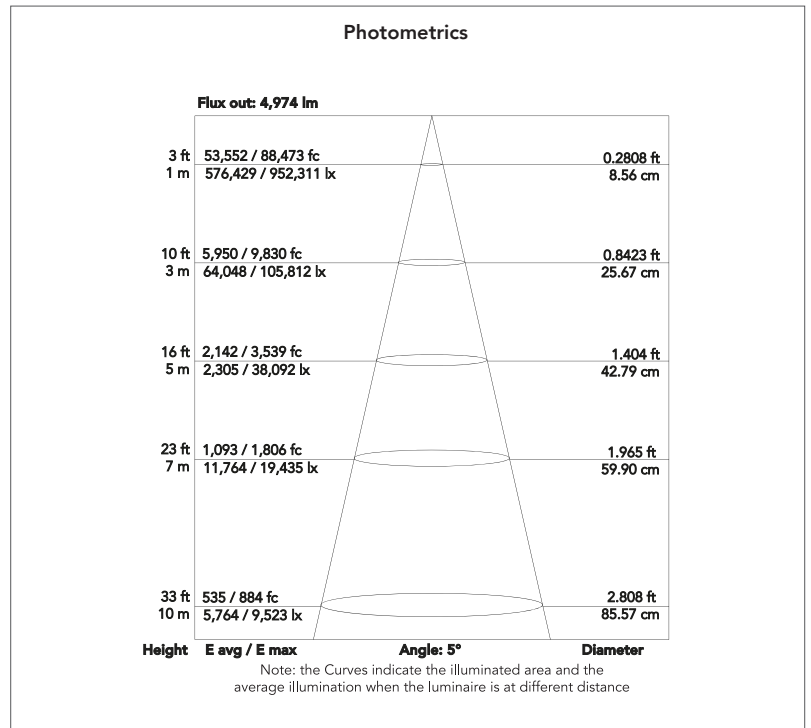
### PHYSICAL

- Cooling: forced air with IP low noise fan
- Suspension and fixing: hanging bracket suitable for safe hanging and positioning
- Adaptors: XLR and Shuko 16A adaptors included
- Signal connection: moulded IP signal IN/OUT connectors
- Data connection: W-DMX receiver
- Power connection: moulded IP power IN/OUT connectors
- IP rating: 66 for outdoor installations
- Dimensions (WxHxD): 403x462x565 mm
- Weight: 37 kg

- AWEXAC1: IP67 power extension cable for ARCHWORK projectors, L.03-05-10-20m
- AWEXDC1: IP67 DMX extension cable for ARCHWORK projectors, L.03-05-10-20 m
- UPBOX1: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

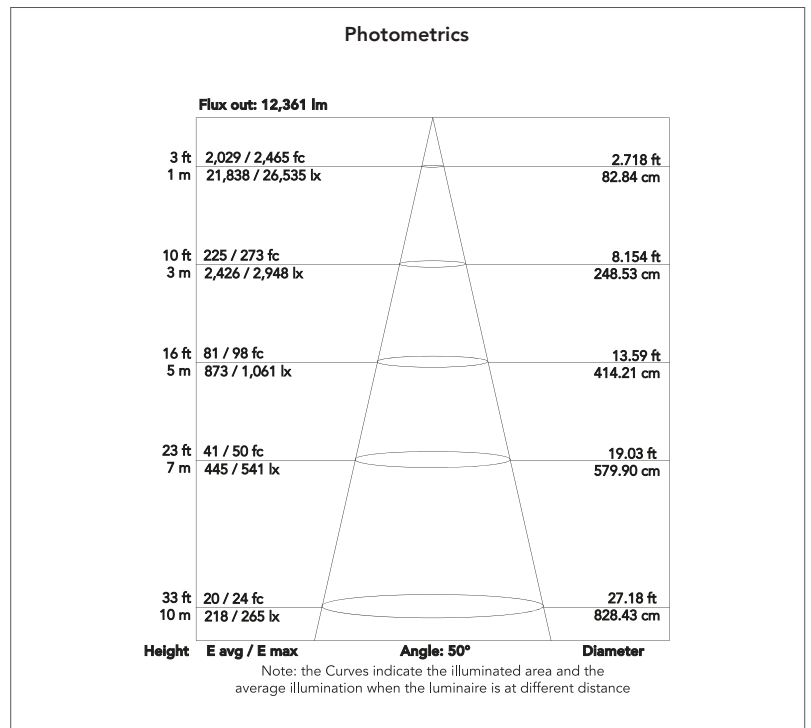
### COLOUR PRESET FULL ON

Beam angle 5°

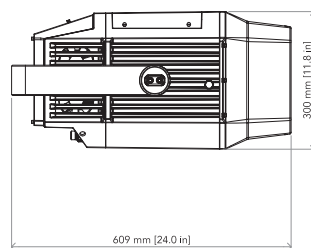
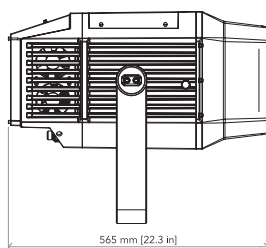
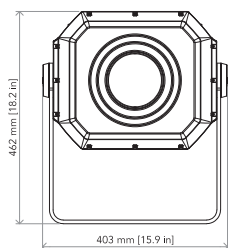


### COLOUR PRESET FULL ON

Beam angle 50°



### TECHICAL DRAWINGS



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