

Mosaico LC5M

300W IP66 with C5-M treatment zoomable LED image projector with an animation wheel and framing shutters

ORDER CODE: **MOSAICOLC5M**



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 and painted with a C5-M marine treatment, it is ideal for outdoor use in challenging saline environments or near the sea, the **Mosaico L** offers a phenomenal output of 11,700 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 7° to 49°, 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
- C5-M treatment for permanent exterior installation also in marine environment
- 7°- 49° linear zoom system, for both near and long throw installation
- 300W White LED engine (8,000K), with up to 11'700 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: 300W high-power white LED
- Source CCT: 8.000K
- Luminous flux: (7°) 8'536 lm - (49°) 11'729 @Full
- Lux: (7°) 28'230 lx - (49°) 867lx @5 m full
- Source life expectancy: > 30.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Zoom range: 7°- 49° motorised linear zoom
- Lens diameter: 110mm / 4.33"
- Lens type: HD anti-reflection lenses with achromatic coating
- Focus: motorised 8/16-bit

COLOUR SYSTEM

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

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer control
- Shutter system: 4 shutter blades with position and $\pm 30^\circ$ angle adjustment, $\pm 45^\circ$ rotation of the complete framing system
- Animation wheel: magnetic interchangeable animation wheel with CW and CCW rotation
- FX generator: shutter macros with adjustable speed
- Circular prism: 3f-f with bi-directional rotation, indexing
- Frost: linear 0-100%
- Special features: record scenes and create chases and shows throughout these scenes

GOBOS

- 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

CONTROL

- Supported Protocols: DMX512, RDM, CRMX + WDMX
- DMX channels: 22 / 32 / 43ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- Stand Alone: Stand Alone programmer and playback

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available

ACCESSORIES & RELATED PRODUCTS

▪ AETHERLINK	IP67 1 Universe CRMX Wireless transceiver for exterior installation
▪ AWEXAC12ADP	Power adapter from AWEXAC1 cable series to AWEXAC2 cable series
▪ AWEXDC1221ADP	Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa
▪ FCLMOSAICOL	Flightcase for 2 pcs of MOSAICOL
▪ MOSBRACK	Bracket for MOSAICO series for wall mounting and suspension on poles
▪ MOSLCCW1/2/3/4	Optional color wheel 1/2/3/4 for MOSAICOL
▪ AWEXAC1L03/05/10/20	IP67 power extension cable for outdoor architectural projectors, L.03/05/10/20 m

- Strobe / shutter: 1~30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

CONNECTIONS

- Power connection: 1,8 m moulded IP power IN/OUT connectors
- Signal connection: 1,8 m moulded IP signal IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: W-DMX transceiver
- Adaptors: XLR and BARE END 16A adaptors included

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 440W
- Output (at 230V): 6 units on a single power line
- Standby power: 58 W
- Power factor: > 0,98

PHYSICAL

- IP rating: IP66 for outdoor installations
- IK rating: IK09 impact rating
- Cooling: heat pipe with low-noise fan
- Housing: Sturdy die-cast aluminium body, scratch-resistant C5M Marine Grade paint (as standard)
- Finish: grey (RAL 9006), C5-M marine grade coating
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 362x428x451mm / 14.25"x16.85"x17.76"
- Weight: 25kg / 55.12lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning
- Other: Inspectable cover window for gobos replacement and maintenance

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

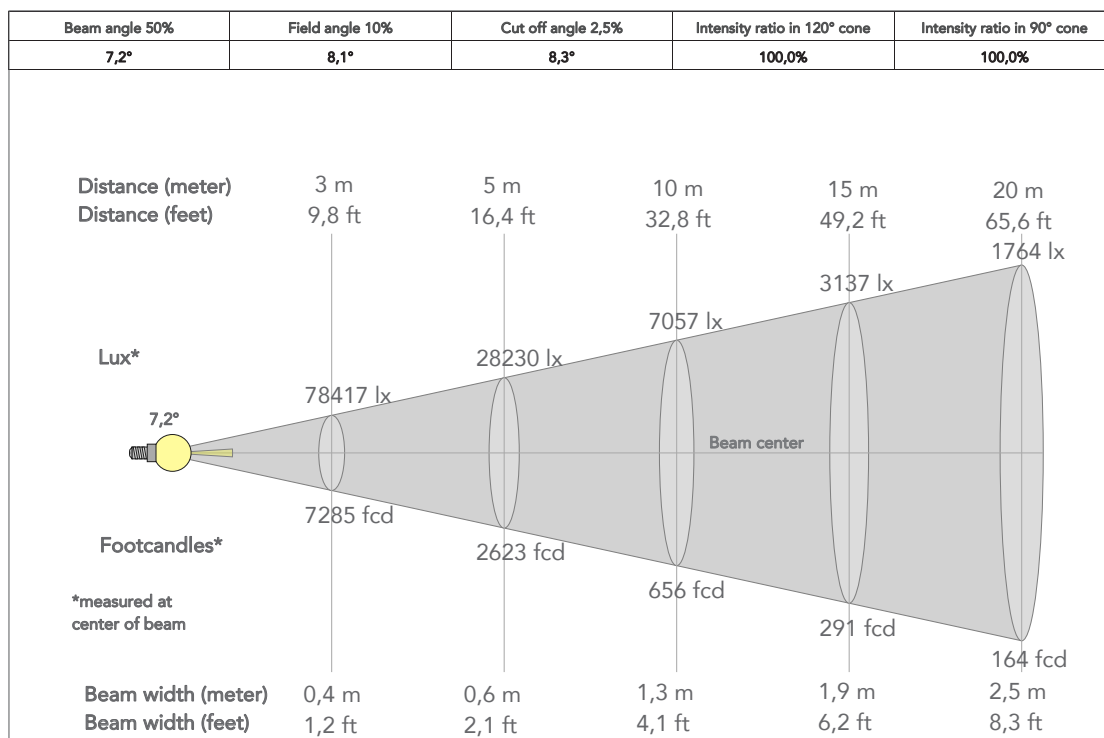
BOX CONTENT

- 1 x MOSAICOLC5M
- 1 x 0,28 meters 3G1mmq power cable (BARE END - IP connection adapter)
- 1 x 5p XLR - IP connection female adapter
- 1 x 5p XLR - IP connection male adapter
- User Manual

▪ AWEXDC1L03/05/10/20	IP67 DMX extension cable for outdoor architectural projectors, L.03/05/10/20 m
▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ RSR1235B	Steel security cable for hanging bodies, inox steel shackle, L=120 cm, black
▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black

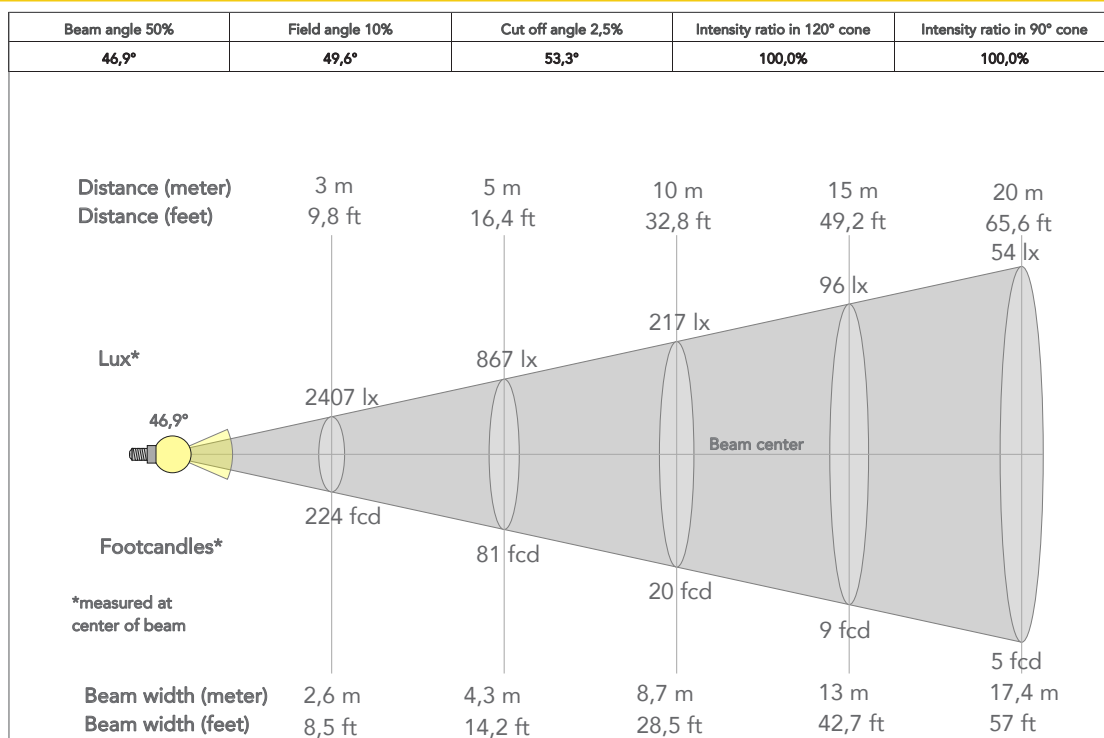
PRESET FULL ON

Beam angle 50%: 7°

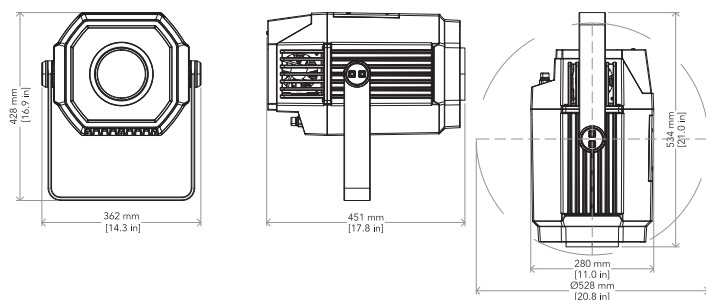


PRESET FULL ON

Beam angle 50%: 50°



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations

