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Mosaico LC5M

PROLIGHTS

ORDER CODE: MOSAICOLC5M



Source

300W high-power white LED

Zoom range

7°- 49° motorised linear zoom

IP rating

IP66 for outdoor installations

Weight

25kg / 55.12lbs

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

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TECHNICAL SPECIFICATIONS

OPTICS

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

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer control
- Shutter system: 4 shutter blades with position and ±30° angle adjustment, ±45° 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

- Gobo wheel 1: 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
- Strobe / shutter: 1~30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 600 to 25,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

INSTALLATION

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

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)

COLOUR SYSTEM

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

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 transreceiver
- 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
- Weight: 25kg

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

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ACCESSORIES & RELATED PRODUCTS



AETHERLINK
IP66 rated 1 Universe CRMX wireless transceiver for permanent outdoor installation



AWEXDC1221ADP
Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa



AWEXAC12ADP
Power adapter from AWEXAC1 cable series to AWEXAC2 cable series



MOSLCCW1
Optional color wheel 1 for MOSAICOL



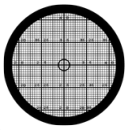
MOSLCCW2
Optional color wheel 2 for MOSAICOL



MOSLCCW3
Optional color wheel 3 for MOSAICOL



MOSLCCW4
Optional color wheel 4 for MOSAICOL



GBVMAP00123F00
Gobo Mapping, F size, black and white (gobo holder included)



FCLMOSAICOL
Flightcase for 2 pcs of MOSAICOL



AWEXDC1L03
IP67 DMX extension cable for outdoor architectural projectors, L.03 m



AWEXDC1L05
IP67 DMX extension cable for outdoor architectural projectors, L.05 m



AWEXDC1L10
IP67 DMX extension cable for outdoor architectural projectors, L.10 m



AWEXDC1L20
IP67 DMX extension cable for outdoor architectural projectors, L.20 m



AWEXAC1L03
IP67 power extension cable for outdoor architectural projectors, L.03 m



AWEXAC1L05
IP67 power extension cable for outdoor architectural projectors, L.05 m



AWEXAC1L10
IP67 power extension cable for outdoor architectural projectors, L.10 m



AWEXAC1L20
IP67 power extension cable for outdoor architectural projectors, L.2 0m

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



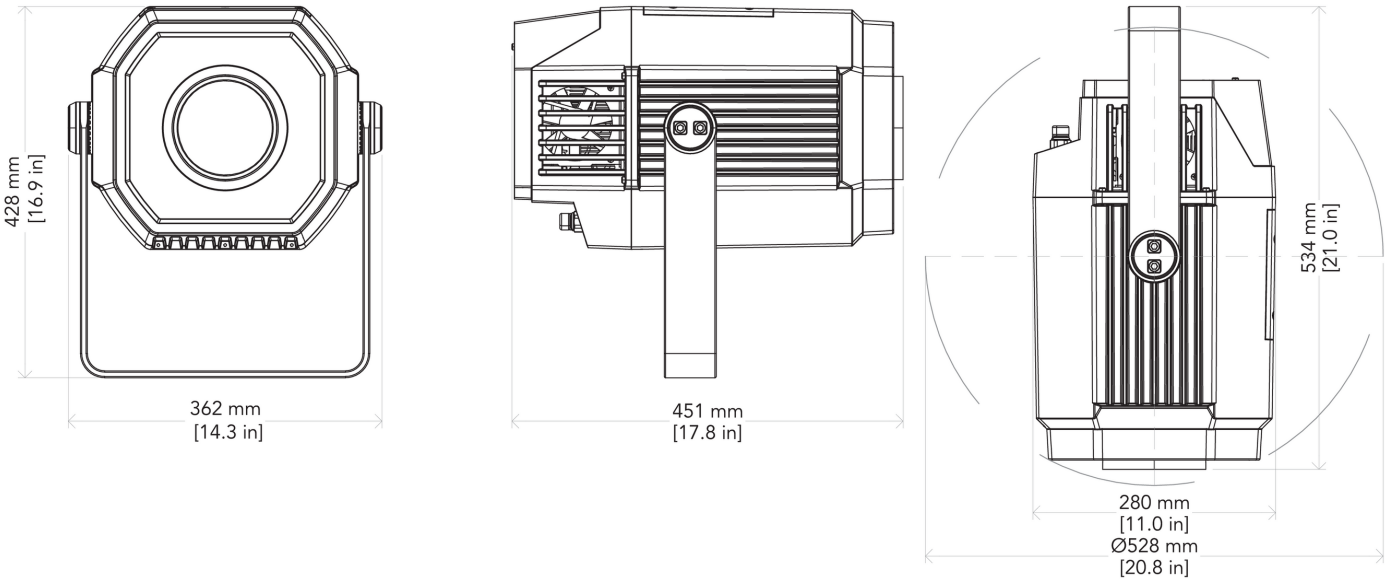
C6002B
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black

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TECHNICAL DRAWINGS



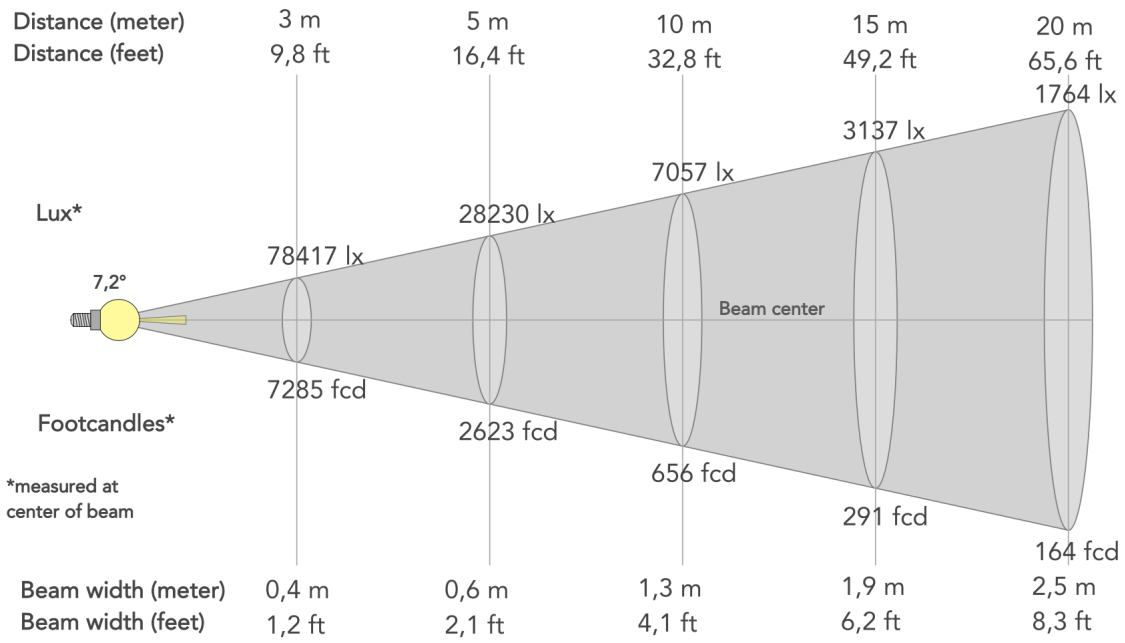
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ORDER CODE: **MOSAICOLC5M**

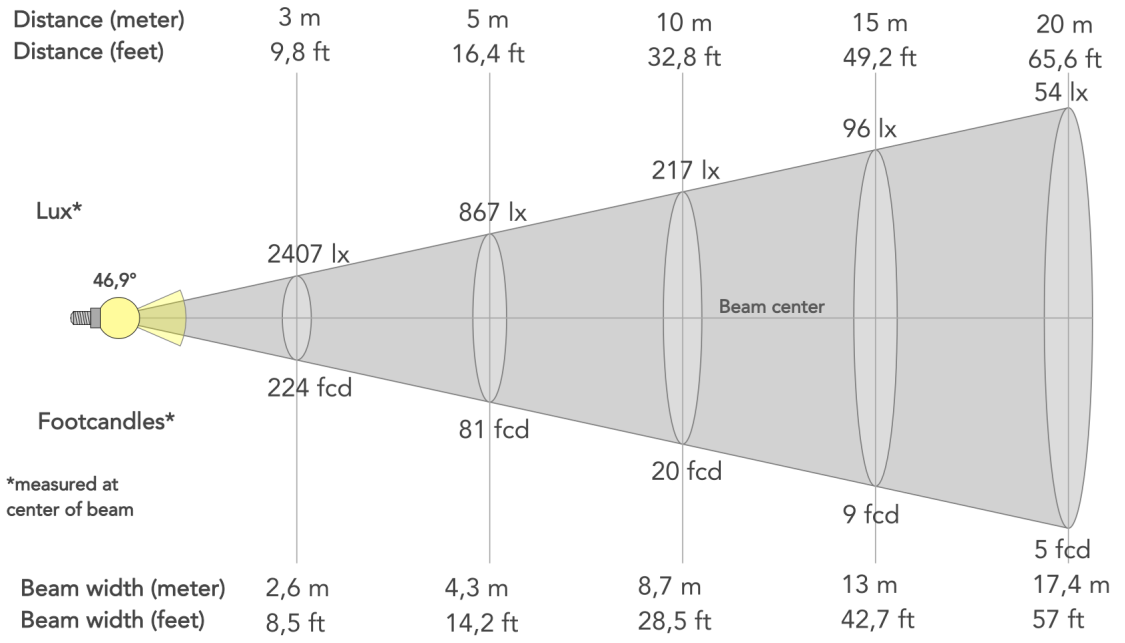
PHOTOMETRICS

Full on - Min Zoom



Beam angle (50%): **7.2°**	Field angle (10%): **8.1°**	Cut-off angle (2.5%): **8.3°**

Full on - Max Zoom



Beam angle (50%): **46.9°**	Field angle (10%): **49.6°**	Cut-off angle (2.5%): **53.3°**

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