

Mosaico FX100FC

Image projector with dual animation wheel and 1 gobo/color slot, 100W RGBW LED source



Mosaico FX100FC is an 100W RGBW Full Color LED IP66 image projector, engineered to be the modular platform to add building blocks to design your creative architectural lighting landscape.

Mosaico FX100FC is supplied with two controllable effect wheels on board made in structured glass material to animate your projection, with linear motion control for creating reflected water, blowing fire or northern lights effects. The kit contains also one indeaxable gobo holder and a colour holder both with magnetic attachment.

Mosaico FX100FC is compatible with a wide range of high definition optics, each optimized for the required application (animation or image projection): 15°, 30°, 50° and 70°.

This unit can be controlled via DMX, both wired and wireless and also easily operated locally through the simplified stand alone operations.

Please note that **Mosaico FX100FC** do not ship with a lens or other images or colors. Choose from the available lenses when ordering to meet your design requirements.

MAIN FEATURES

- 100W RGBW LED Source Image and Effect light projector
- 15°, 30°, 50° and 70° available optics (not included), Image or Effects optimized
- DMX, CRMX Wireless and local stand alone control

VERSIONS

Code	Housing
MOSAICOFX100FCGY	Gray
MOSAICOFX100FCBK	Black

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 100W RGBW LED
- Luminous flux: (15°) 1'512 lm; (30° - WT) 1'487 lm; (30° - GB) 1'412 lm; (50° - WT) 1'572 lm; (50° GB) 1'094 lm; (70°) 1'092 @Full
- Lux: (15°) 829 lx; (30° - WT) 464 lx; (30° - GB) 195 lx; (50° - WT) 196 lx; (50° GB) 83 lx; (70°) 92lx @5 m full
- Source life expectancy: > 30.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Optics: interchangeable - see available accessories
- Focus: manual

COLOUR SYSTEM

- Colour wheel: available as accessory
- Other: included 1 static holder with magnetic positioning

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Static mode: selection of static dimmer, colors and effects rotation mode
- Other: included 1 static gobo holder with manual indexing gear and magnetic assembly
- Other: 2 rotating wheels with magnetic mounting (structured glass included, color/gobo/animation and other wheels available as optional accessories)

GOBOS

- Gobo size (BW): outer: 26,9 mm - image: 22 mm
- Gobo size (Color): outer: 26,9 mm - image: 20,5 mm
- Fixed gobos: Fix gobo wheel available as accessory MFX100GW

CONTROL

- Supported Protocols: DMX512, RDM, CRMX + WDMX
- DMX channels: 13ch
- RDM: for remote addressing and parameter configuration
- Display: user interface through DATAMASTER external coder (not included)
- Stand Alone: 3 push encoder
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 - 100%, electronic and manual knob dimmer
- Dimmer curves: selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX2 (not included)

CONNECTIONS

- Power connection: 35 cm moulded IP power IN/OUT connectors
- Signal connection: 35 cm moulded IP signal IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Adaptors: XLR and BARE END 16A adaptors included

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 120W
- Output (at 230V): 16
- Standby power: 7W
- Power factor: >0.95

PHYSICAL

- IP rating: IP66 for outdoor installations
- IK rating: IK09 impact rating
- Cooling: forced-air with low-noise fan
- Housing: Weatherproof IP66 construction
- Finish: black (RAL 9004) or black (RAL 9006)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 224x261x221mm / 8.82"x10.28"x8.7"
- Weight: 5,8kg / 12.79lbs

INSTALLATION

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

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, cTUVus

BOX CONTENT

- 1 x MOSAICOFX100FC
- 1 x MFX100WE1
- 1 x MFX100WE2
- 1 x MFX100CH
- 1 x MFX100GH
- 1 x 0,3 meters 3G1mmq power cable (BARE END - IP connection adapter)
- 1 x 5p XLR - IP connection male adapter
- 1 x 5p XLR - IP connection female adapter
- User Manual

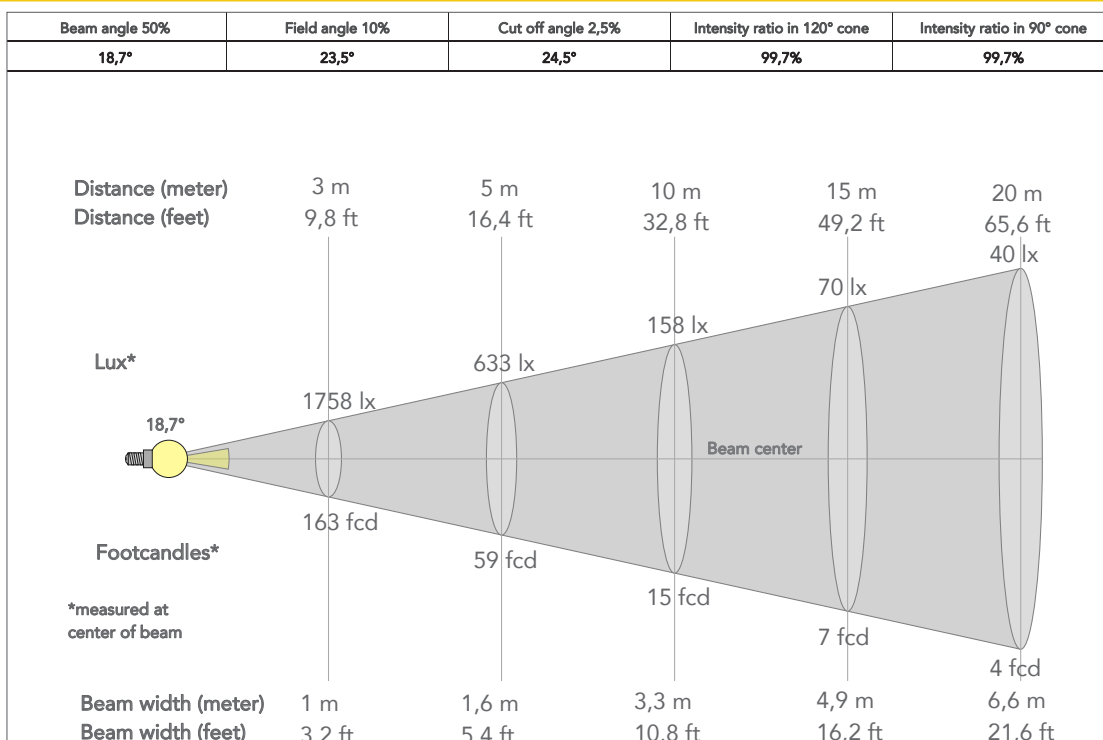
ACCESSORIES & RELATED PRODUCTS

- AETHERLINK IP67 1 Universe CRMX Wireless transceiver for exterior installation
- MFX100BAG1U Pelican case for 1 pc of MOSAICOFX100
- MFX100WBRAKGY/BK Wall bracket for MOSAICOFX100, grey/black housing
- MFX100FBRAKGY/BK Floor bracket for MOSAICOFX100, grey/black housing
- MOSUNIBRACKJR Bracket for MOSAICOJR for wall mounting and suspension on poles
- MFX100LWGN 15° lens for MOSAICOFX100 series, narrow for water effect and gobo
- MFX100LWTM 30° lens for MOSAICOFX100 series, medium for water effect
- MFX100LWTW 50° lens for MOSAICOFX100 series, wide for water effect
- MFX100LWGVW 70° lens for MOSAICOFX100 series, very wide for water effect and gobo
- MFX100LGBM 30° lens for MOSAICOFX100 series, medium for gobo
- MFX100LGBW 50° lens for MOSAICOFX100 series, wide for gobo
- GBVFX100120F06 Cyan filter with white stripes for MOSAICOFX100
- GBVFX100220F03 Red filter with white stripes for MOSAICOFX100
- GBVFX100320F04 Green filter with white stripes for MOSAICOFX100
- MFX100RAINW Structured glass RAIN effect animation wheel
- MFX100HAMMERHEADW Structured glass HAMMERHEAD effect animation wheel
- MFX100D35C Color for MFX100CH for MOSAICOFX100, 34,5 mm d. (RED, GREEN, BLUE, CYAN, MAGENTA, YELLOW, PINK MARINE, LIGHT ORANGE, LIGHT GREEN)
- MFX100D35CH Half Color for MFX100CH for MOSAICOFX100, 34,5 mm d. (RED, GREEN, BLUE, CYAN, MAGENTA, YELLOW, PINK MARINE, LIGHT ORANGE, LIGHT GREEN)
- MFX100FILTER20 Smooth/homogenizer filter for MOSAICOFX100 series, 20°

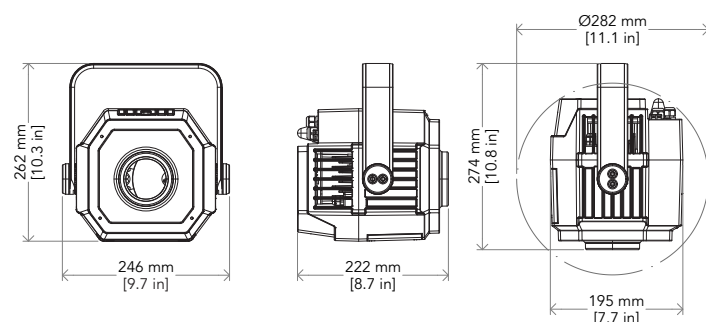
- MFX100WE1 Water effect wheel for MOSAICOFX100 series, short axis 1
- MFX100WE2 Water effect wheel for MOSAICOFX100 series, long axis 2
- MFX100GW Gobo wheel for MOSAICOFX100 series (gobos not included)
- MFX100CW Color wheel for MOSAICOFX100 series
- MFX100GH Gobo holder for MOSAICOFX100 series (gobo not included) with manual indexing
- MFX100CH Color holder for MOSAICOFX100 series (color not included)
- MFX100SNOOTBK/GY Snoot for MOSAICOFX100 series grey/black colour
- MFX100SNOOTPROTBK/GY Anti tampering full snoot with front glass grey/black colour
- MFX100ENCOVERBK/GY Encoder protection cover for MOSAICOFX100 series, gray/black
- AWEXAC12ADP Power adapter from AWEXAC1 cable series to AWEXAC2 cable series
- AWEXDC1221ADP Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa
- 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
- LRAURORA Single Universe DMX/RDM transceiver with WiFi and Bluetooth
- 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
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
- MFX100AW Animation wheel for MOSAICOFX100 series

PRESET FULL ON

Beam angle 50%: 15° LWGN



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



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