

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: 100 W RGBW / FC LED
- Luminous flux: (15°) 1'212 lm; (30° - WT) 1'214 lm; (30° - GB) 1'132 lm; (50° - WT) 1'340 lm; (50° GB) 896 lm; (70°) 960 lm @full
- Lux: (15°) 633 lx; (30° - WT) 392 lx; (30° - GB) 165 lx; (50° - WT) 179 lx; (50° GB) 74 lx; (70°) 92 lx @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 MFX100CW
- Other: included 1 static holder with magnetic positioning

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer, colours
- 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
- 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)

BODY

- Body: weatherproof IP66 construction
- Body colour: RAL 9006 or RAL 9004
- Other: Inspectable cover window for effects and gobo replacement and maintenance

CONTROL

- Protocols: DMX512, RDM, CRMX + WDMX, 3 push encoder
- Stand Alone: 3 push encoder
- DMX channels: 13 channel
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: user interface through DATAMASTER external coder (not included)
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included
- 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
- Operating temperature: -20° C / +45° C (-4° F / +113° F)
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 120 W
- Output (at 230V): 25
- Power factor: >0.95

PHYSICAL

- IP rating: 66 for outdoor installations
- Cooling: active, silent operation
- Suspension and fixing: bracket for hanging and positioning
- Adaptors: XLR and BARE END 16A adaptors included
- Signal connection: 35 cm moulded IP signal IN/OUT connectors
- Power connection: 35 cm moulded IP power IN/OUT connectors
- Dimensions (WxHxD): 224x261x221 mm
- Weight: 5,8 kg

CERTIFICATIONS / APPROVALS

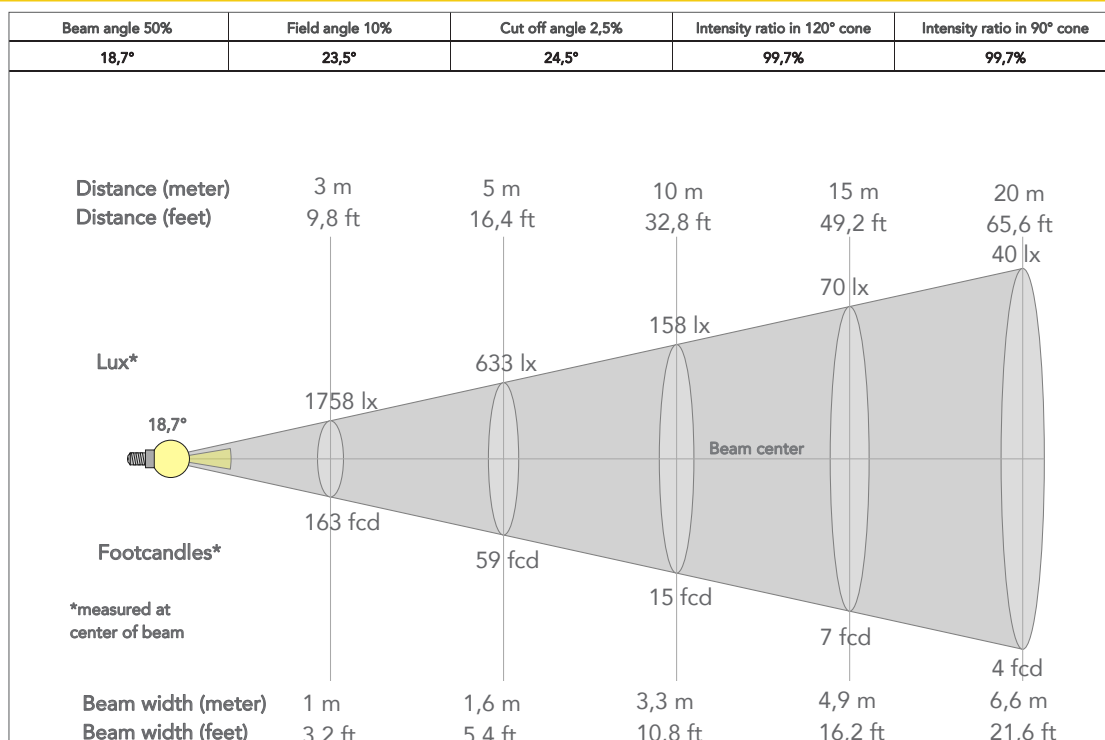
- Certifications / Approvals: CE, UKCA, RCM

ACCESSORIES & RELATED PRODUCTS

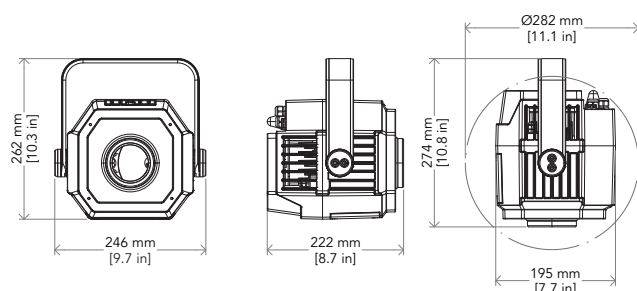
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|---------------------|--|-------------------------|--|
| ▪ MFX100BAG1U | Pelican case for 1 pc of MOSAICOFX100 | ▪ MFX100GW | Gobo wheel for MOSAICOFX100 serie (gobos not included) |
| ▪ MFX100WBRAKGY/BK | Wall bracket for MOSAICOFX100, grey/black housing | ▪ MFX100CW | Color wheel for MOSAICOFX100 serie |
| ▪ MFX100FBRAKGY/BK | Floor bracket for MOSAICOFX100, grey/black housing | ▪ MFX100GH | Gobo holder for MOSAICOFX100 serie (gobo not included) with manual indexing |
| ▪ MOSUNIBRACKJR | Bracket for MOSAICOJR for wall mounting and suspension on poles | ▪ MFX100CH | Color holder for MOSAICOFX100 serie (color not included) |
| ▪ MFX100LWGN | 15° lens for MOSAICOFX100 series, narrow for water effect and gobo | ▪ MFX100SNOOT BK/GY | Snoot for MOSAICOFX100 series grey/black colour |
| ▪ MFX100LWGVW | 70° lens for MOSAICOFX100 series, very wide for water effect and gobo | ▪ MFX100SNOOTPROT BK/GY | Anti tampering full snoot with front glass grey/black colour |
| ▪ MFX100LWTM | 30° lens for MOSAICOFX100 series, medium for water effect | ▪ AWEXAC12ADP | Power adapter from AWEXAC1 cable series to AWEXAC2 cable series |
| ▪ MFX100LWTV | 50° lens for MOSAICOFX100 series, wide for water effect | ▪ AWEXDC1221ADP | Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa |
| ▪ MFX100LGBM | 30° lens for MOSAICOFX100 series, medium for gobo | ▪ AWEXAC1L03/05/10/20 | IP67 power extension cable for outdoor architectural projectors, L.03/05/10/20 m |
| ▪ MFX100LGBW | 50° lens for MOSAICOFX100 series, wide for gobo | ▪ AWEXDC1L03/05/10/20 | IP67 DMX extension cable for outdoor architectural projectors, L.03/05/10/20 m |
| ▪ GBVFX100120F06 | Cyan filter with white stripes for MOSAICOFX100 | ▪ UPBOX1UP5 | Firmware uploader kit, USB IN, 5pin XLR DMX OUT, USB OUT |
| ▪ GBVFX100220F03 | Red filter with white stripes for MOSAICOFX100 | ▪ C6002B | Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black |
| ▪ GBVFX100320F04 | Green filter with white stripes for MOSAICOFX100 | ▪ RSR1235B | Steel security cable for hanging bodies, inox steel shackle, L=120 cm, black |
| ▪ MFX100RAINW | Structured glass RAIN effect animation wheel | ▪ LRLUNA | Single Universe DMX transceiver with Bluetooth |
| ▪ MFX100HAMMERHEADW | Structured glass HAMMERHEAD effect animation wheel | ▪ LRAURORA | Single Universe DMX/RDM transceiver with WiFi and Bluetooth |
| ▪ MFX100D35C | Color for MFX100CH for MOSAICOFX100, 34,5 mm d. (RED, GREEN, BLUE, CYAN, MAGENTA, YELLOW, PINK MARINE, LIGHT ORANGE, LIGHT GREEN) | ▪ MFX100AW | Animation wheel for MOSAICOFX100 serie |
| ▪ MFX100D35CH | Half Color for MFX100CH for MOSAICOFX100, 34,5 mm d. (RED, GREEN, BLUE, CYAN, MAGENTA, YELLOW, PINK MARINE, LIGHT ORANGE, LIGHT GREEN) | | |
| ▪ MFX100WE1 | Water effect wheel for MOSAICOFX100 series, short axis 1 | | |
| ▪ MFX100WE2 | Water effect wheel for MOSAICOFX100 series, long axis 2 | | |

PRESET FULL ON

Beam angle 50%: 15° LWGN



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

