

ArcShine M9FC

9x4W IP66 RGB + Warm White architectural linear bar, 50 cm



The **ArcShine M18FC** and **ArcShine M9FC** are a series of linear LED fixtures, designed for interior and exterior applications (IP66) such as flood lighting, wall washing and accent lighting. There are two sizes available, one with 18 LEDs (100 cm) and the other with 9 (50 cm) LED emitters, 4W each, with RGB + Warm White colour mixing. Its die-cast aluminium body with tempered glass make them perfect additions to urban structures or historical buildings. Optic: 8° lenses capable of delivering multiple angles with optional holographic filters. Optional holographic symmetric and elliptical filters available: 20°, 40°, 60°, 10°x60°, 30°x60°. The ArcShine range has an on-board power supply and DMX/RDM control. The 100 cm version is controllable in two sections.

MAIN FEATURES

- IP66 design, AC 100-240V and driver on-board, DMX/RDM controllable
- RGB + Warm White colour mixing, with 4W LED emitters
- Optic: 8° lenses capable of delivering multiple angles with optional holographic filters
- Optional holographic symmetric and elliptical filters available: 20°, 40°, 60°, 10°x60°, 30°x60°

VERSIONS

| Code | Beam Angle |
|-----------------------|------------|
| ARCSHINEM908FC | 8° |
| ARCSHINEM915FC | 15° |
| ARCSHINEM925FC | 25° |
| ARCSHINEM940FC | 40° |
| ARCSHINEM960FC | 60° |
| ARCSHINEM9E1FC | 30°x15° |
| ARCSHINEM9H1FC | 60°x1° |

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 9x4 W RGBW LEDs
- CCT: 2.700 K - 5.600 K
- Luminous flux: TBD lm @full
- Luminous flux: TBD
- Lux: TBD lx @3 m full
- Lux: TBD lx
- CRI: TBD
- R9: TBD
- TLCI: TBD
- TM30 Rf: TBD
- TM30 Rg: TBD
- Source life expectancy: > 20.000 h

OPTICS

- Beam angle: 8°
- Additional optics: see available accessories

COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- Colour wheel: virtual colour wheel with macros
- Macros: built-in white presets

BODY

- Tilt angle: manual 180°
- Body: sturdy aluminum profile
- Body colour: RAL 7012

CONTROL

- Protocols: DMX512, RDM
- Stand Alone: available
- DMX channels: 1 / 2 / 5 / 9 / 12 / 14 channel
- RDM: RDM for remote monitoring and settings

- Display: user interface through DATAMASTER external coder (not included)
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronised operation of more units linked in a chain
- Other: 16bit control of dimmer and colour

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Operating temperature: -20° C / +45° C (-4° F / +113° F)
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 37.5 W
- Output (at 230V): 30 units on a single power line
- Power factor: >0,95

PHYSICAL

- IP rating: IP66
- IK rating: 09
- Cooling: passive cooling and fan-free
- Suspension and fixing: double hanging bracket suitable for safe hanging and for floor positioning
- Adaptors: XLR and Schuko 16A adaptors included
- Signal connection: moulded IP signal IN/OUT connectors
- Power connection: moulded IP power IN/OUT connectors
- Dimensions (WxHxD): 500x106x71 mm
- Weight: 3 kg

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS