ArcShine M18FC

18x4W RGB + Warm White architectural linear fixture, 100 cm

ORDER CODE: **ARCSHINEM18FC**

PROLIGHTS

The **ArcShine** M18FC and **ArcShine** M9FC are a series of linear LED fixtures, designed for interior and exterior applications (IP67) 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. There are many optics available, ranging from 8°, 15°, 25°, 40°, 60° and 15°x30° light collimator lenses. The **ArcShine** range has an on-board power supply and DMX/RDM control. The 100 cm version is controllable in two sections.

MAIN FEATURES

- IP67 design, AC 100-240V and driver on-board, DMX/RDM controllable
- RGB + Warm White colour mixing, with 4W LED emitters
- Optics available: 8°, 15°, 25°, 30°, 40°, 60° and 15°x30°

VERSIONS

Code	Beam Angle
ARCSHINEM1808FC	8°
ARCSHINEM1815FC	15°
ARCSHINEM1825FC	25°
ARCSHINEM1840FC	40°
ARCSHINEM1860FC	60°
ARCSHINEM18E1FC	30°x15°
ARCSHINEM18H1FC	60°x1°

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 18x3.5W RGBW LEDs
- CCT: 2.700 K - 5.600K
- Luminous flux: (9,8°) 2'247 lm; (14,3°) 2'320 lm; (42°) 2'278 lm; (52°) 2'152 lm; (15°x30°) 2'356 lm; (8°+1°x60°) 3'760lm @full
- Lux: (9,8°) 1'304 lx; (14,3°) 798 lx; (42°) 149 lx; (52°) 90 lx; (15°x30°) 292 lx; (8°+1°x60°) 292lx @3 m full
- CRI: >90
- Source life expectancy: > 20.000 h

OPTICS
- Beam angle: 9,8°, 14,3°, 29,7°, 42°, 52°, 15°x30°, 8°+1°x60°
- Field angle: 22,8°, 31,2°, 58°, 74°, 99,4°, 15°x30°, 8°+1°x60°

COLOUR SYSTEM
- Colour mixing: 4 in 1 RGBW
- White presets: linear CCT control from 2.700 K to 5.600K
- Colour wheel: virtual colour wheel with macros
- Macros: built-in white presets

BODY
- Tilt angle: manual 180°
- Body: sturdy aluminum profile
- Body colour: RAL 9006

CONTROL
- Protocols: DMX512, RDM
- Stand Alone: available
- DMX channels: 4 / 6 / 10channel
- Pixel control: 2 controllable sections
- 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: 75W
- Output (at 230V): 15 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): 1.000x106x71mm
- Weight: 4,9kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCc

ACCESSORIES & RELATED PRODUCTS