

ArcShine M18FC

18x4W IP66 RGB + Warm White architectural linear bar, 100 cm

ORDER CODE: **ARCSHINEM1808FC**



VERSIONS

Code	Housing
ARCSHINEM1808FC	Standard
ARCSHM1808FCC5M	C5M

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 18x4W RGB + Warm White LEDs
- Luminous flux: (8°) 2'385 lm; (8°+20°) 2'353 lm; (8°+40°) 2'242 lm; (8°+60°) 2'262 lm; (8°+10°x60°) 3'567 lm; (8°+30°x60°) 2'460 @Full
- Lux: (8°) 3'641 lx; (8°+20°) 712 lx; (8°+40°) 264 lx; (8°+60°) 181 lx; (8°+10°x60°) 450 lx; (8°+30°x60°) 321lx @3 m full
- CRI: >80
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

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

COLOUR SYSTEM

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

CONTROL

- Supported Protocols: DMX512, RDM
- DMX channels: 1 / 2 / 5 / 9 / 12 / 14ch
- Pixel control: 2 controllable sections
- RDM: for remote addressing and parameter configuration
- Display: user interface through DATAMASTER external coder (not included)
- Stand Alone: available through DATAMASTER external coder (not included)
- Master/Slave: for synchronised operation of more units linked in a chain
- Other: 16bit control of dimmer and colour

MOVEMENT

- Tilt: 180° with manual adjustment

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1-30 Hz, electronic
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

ACCESSORIES & RELATED PRODUCTS

▪ AETHERLINK	IP66 rated 1 Universe CRMX wireless transceiver for permanent outdoor installation
▪ DATAMASTER	RDM/DMX tool, cable tester, 5p XLR connectors, pouch, charging cable, XLR adapters
▪ AWEXAC2L03/05/10/20	Extension IP67 power cable, IPpowercon-F -> IPpowercon-M, 3/5/10/20m
▪ AWEXDC2L03/05/10/20	Extension IP67 signal cable, IPdataCON-F -> IPdataCON-M, 3/5/10/20m
▪ ARCS18FIXBD	Barndoor to adjust the light beam for ARCSHINES18 and ARCSHINEM18
▪ ARCSM18SNOOT	Snoot for ARCSHINEM18

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°

CONNECTIONS

- Power connection: moulded IP power IN/OUT connectors
- Signal connection: moulded IP signal IN/OUT connectors
- Adaptors: XLR and BARE END 16A adaptors included

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 80W
- Output (at 230V): 18 units on a single power line
- Power factor: >0,94

PHYSICAL

- IP rating: IP66 for outdoor installations
- IK rating: IK09 impact rating
- Cooling: fan-free with natural convection
- Housing: Sturdy aluminium profile
- Finish: basalt grey (RAL 7012)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 1000x106x71mm / 39.37"x4.17"x2.8"
- Weight: 4,9kg / 10.8lbs

INSTALLATION

- Suspension and fixing: double bracket for hanging and floor positioning

CERTIFICATIONS / REPORTS

- Compliance: CE, UKCA, RCM, cTUVus, FCC

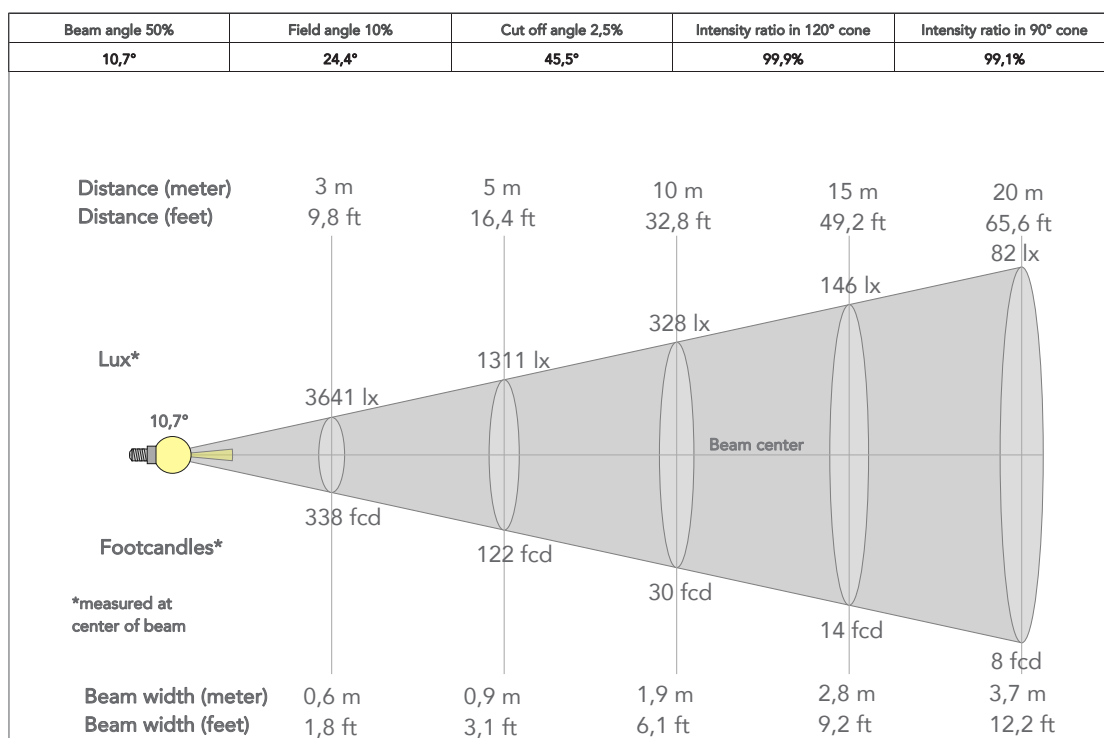
BOX CONTENT

- 1 x ARCSHINEM18FC
- 1 x 0,3 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
- User Manual

▪ ARCSM18FILTER20/40/60/1060/3060	Light diffusion filter for ARCSHINEM18 20°/40°/60°/10°x60°/30°x60°
▪ ARCSM18OUTERCASE	Outercase box for ground installation for ARCSHINES18 and ARCSHINEM18 series
▪ AWEXDC1221ADP	Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa
▪ AWEXAC12ADP	Power adapter from AWEXAC1 cable series to AWEXAC2 cable series
▪ IPTSTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

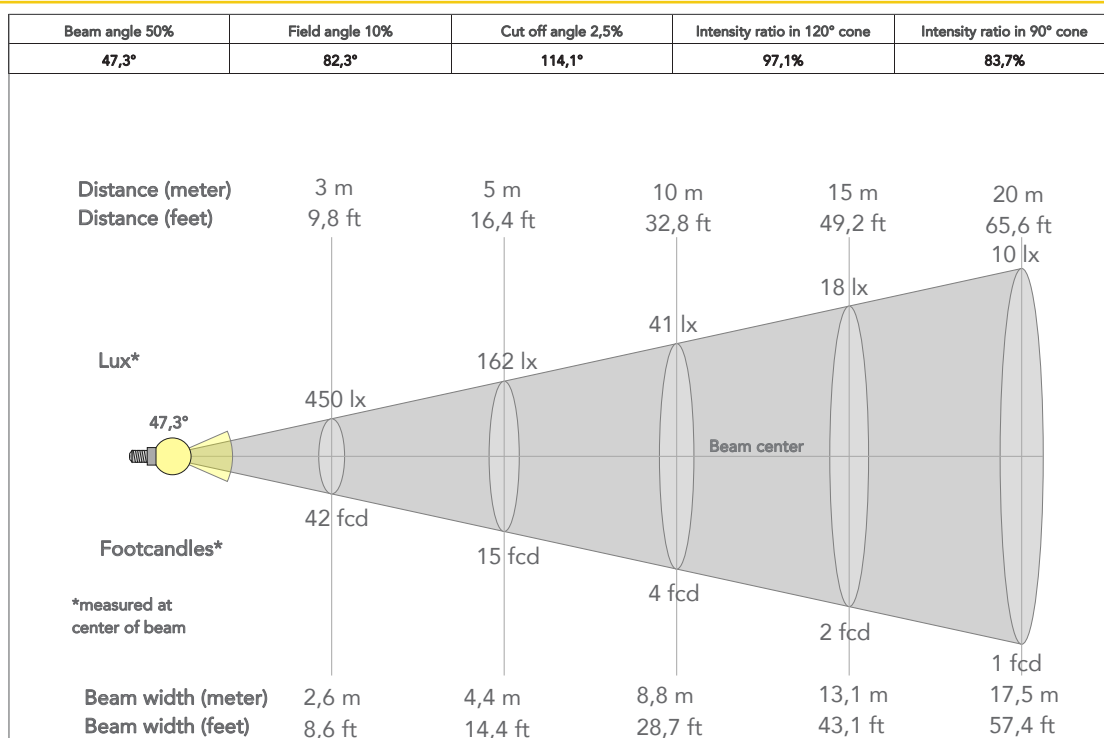
PRESET FULL ON

Beam angle 50%: 8°

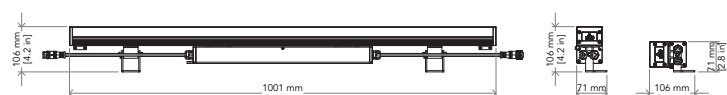


PRESET FULL ON (10°x60°)

Beam angle 50%: 8°



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



MUSIC & LIGHTS S.r.l.

Via A. Olivetti, sn
04026 - Minturno (LT) ITALY

info@prolights.it
Tel: +39 0771 72190

prolights.it
VAT No. IT 02057590594