

ArcShine S18FC

18x2W IP66 RGB + Warm White architectural linear bar, 100 cm

ORDER CODE: **ARCSHINES1815FC**



The **ArcShine S18FC** and **ArcShine S9FC** are a series of slim 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, 2W 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: 15° lenses capable of delivering multiple angles with optional holographic filters. Optional holographic symmetric and elliptical filters available: 20°, 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 2W LED emitters
- Optic: 15° lenses capable of delivering multiple angles with optional holographic filters
- Optional holographic symmetric and elliptical filters available: 20°, 60°, 10°x60°. 30°x60°

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 18x2 W RGBW LEDs
- CCT: 2.700 K - 5.600 K
- Luminous flux: (15°) 1'168 lm; (15°+20°) 1'047 lm; (15°+60°) 1.030 lm; (15°+10°x60°) 1'339 lm; (15°+30°x60°) 1'093 lm @full
- Lux: (15°) 646 lx; (15°+20°) 222 lx; (15°+60°) 25 lx; (15°+10°x60°) 141 lx; (15°+30°x60°) 113 lx @3 m full
- CRI: >80
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Beam angle: 15°
- Additional optics: see available accessories

COLOUR SYSTEM

- Colour mixing: 4 in 1 RGBW
- 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 through DATAMASTER external coder (not included)
- DMX channels: 1 / 2 / 5 / 9 / 12 / 14 channel
- 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: 40 W
- Output (at 230V): 15 units on a single power line
- Power factor: >0,94

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 BARE END 16A adaptors included
- Signal connection: moulded IP signal IN/OUT connectors
- Power connection: moulded IP power IN/OUT connectors
- Dimensions (WxHxD): 1.000x150x64,7 mm
- Weight: 3,5 kg

CERTIFICATIONS / APPROVALS

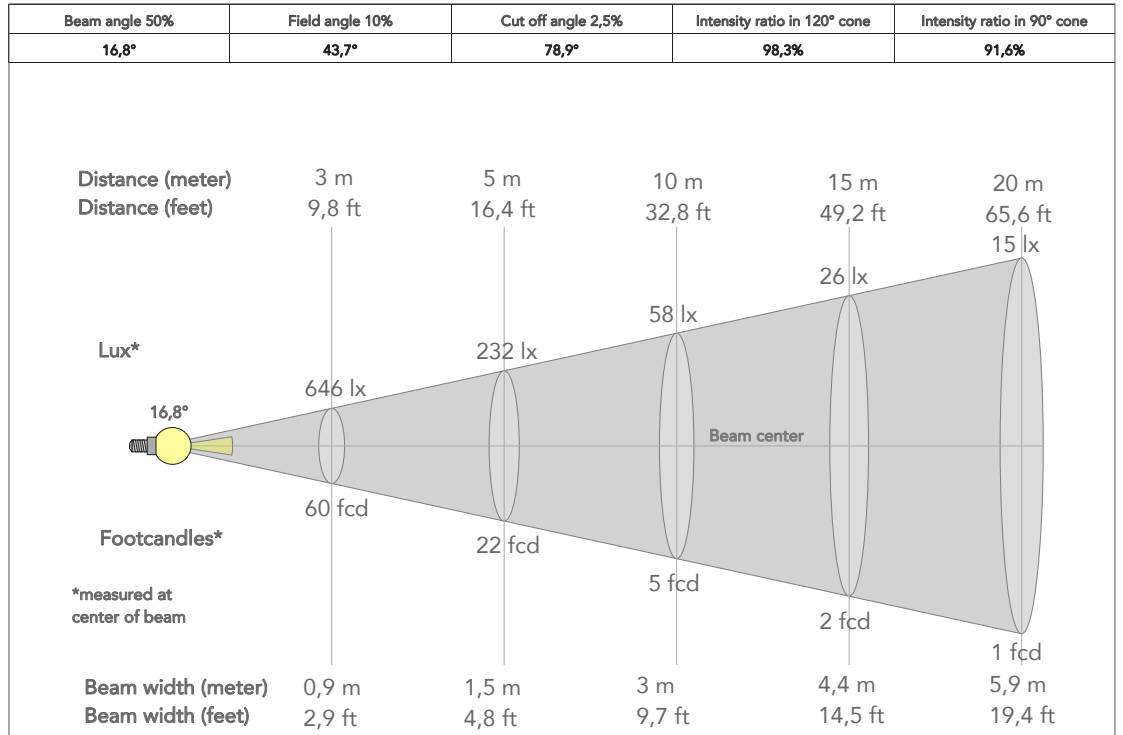
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

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|-----------------------------------|---|--------------------|--|
| ▪ ARCS18FIXBD | Barndoor to adjust the light beam for ARCSHINES18 and ARCSHINEM18 | ▪ ARCSM18OUTERCASE | Outercase box for ground installation for ARCSHINES18 and ARCSHINEM18 series |
| ▪ AWEXAC2L03/05 10/20 | Extension IP67 power cable, IPpowercon-F -> IPpowercon-M. compatible 3/5/10/20 meters | ▪ AWEXDC1221ADP | Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa |
| ▪ AWEXDC2L03/05 10/20 | IP67 DMX extension cable for outdoor architectural projectors 3/5/10/20 meters | ▪ AWEXAC12ADP | Power adapter from AWEXAC1 cable series to AWEXAC2 cable series |
| ▪ ARCSS18FILTER20/40 60/1060/3060 | Light diffusion filter for ARCSHINEM18 20°/40°/60°/10°x60°/30°x60° | ▪ UPBOX1U | Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT |

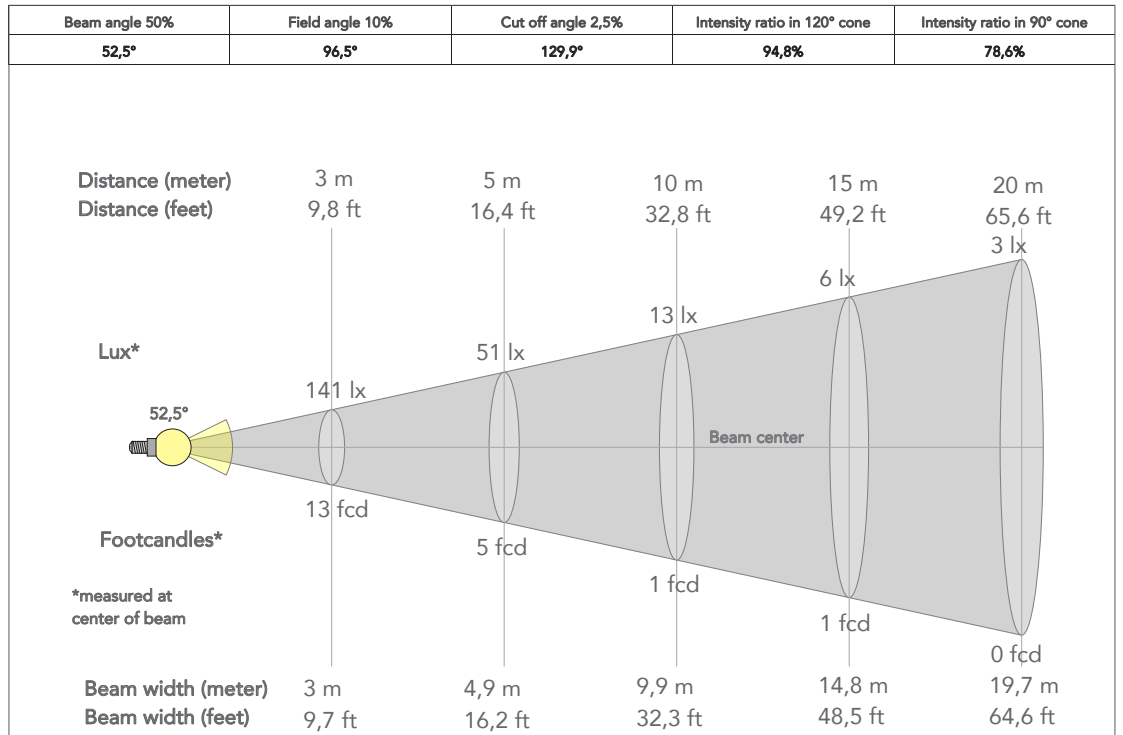
PRESET FULL ON

Beam angle 50%: 15°



PRESET FULL ON (10°x60°)

Beam angle 50%: 15°



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

