ArcShine S9FC

9x2W IP66 RGB + Warm White architectural linear fixture, 50 cm

ORDER CODE: **ARCSHINES915FC**

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°, 40°, 60°, 10°x60°. 30°x60°

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source:9x2 W RGBW LEDs
- CCT:2.700 K - 5.600 K
- Luminous flux:(15°) 655 lm; (15°+20°) 638 lm; (15°+60°) 618 lm; (15°+10°x60°) 744 lm; (15°+30°x60°) 644 lm @full
- Lux:(15°) 428 lx; (15°+20°) 146 lx; (15°+60°) 51 lx; (15°+10°x60°) 102 lx; (15°+30°x60°) 64 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
- 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:17.5 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 BARE END 16A adaptors included
- Signal connection: moulded IP signal IN/OUT connectors
- Power connection: moulded IP power IN/OUT connectors
- Dimensions (WxHxD):500x150x64,7 mm
- Weight:1,95 kg

CERTIFICATIONS / APPROVALS

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

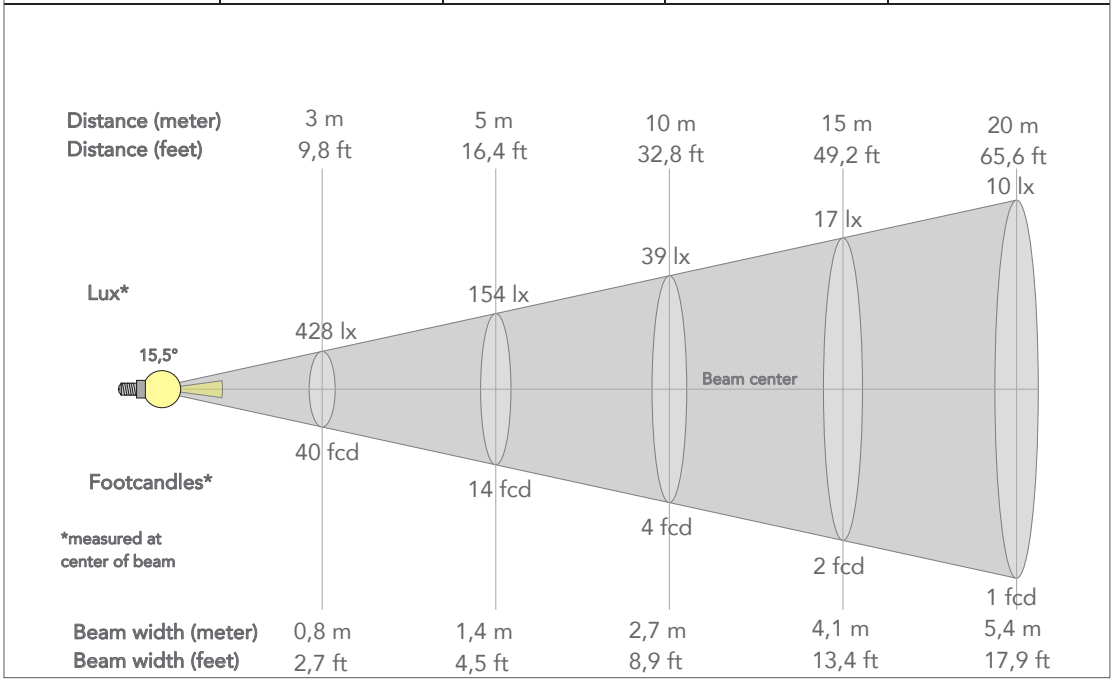
ACCESSORIES & RELATED PRODUCTS

ARCS9FIXBD	Barndoor to adjust the light beam for ARCSHINES9 and ARCSHINEM9
ARCSS9FILTER20/40/60/1060/3060	Light diffusion filter for ARCSHINES9 20°/40°/60°/10°x60°/30°x60°
AWEXAC1L03/05/10/20	IP67 power extension cable for outdoor architectural projectors, L.03/05/10/20 m
AWEXDC1L03/05/10/20	IP67 DMX extension cable for outdoor architectural projectors, L.03/05/10/20 m
ARCSSM9OUTERCASE	Outercase box for ground installation for ARCSHINES9 and ARCSHINEM9 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
UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT

PRESET FULL ON

Beam angle 50%: 15°

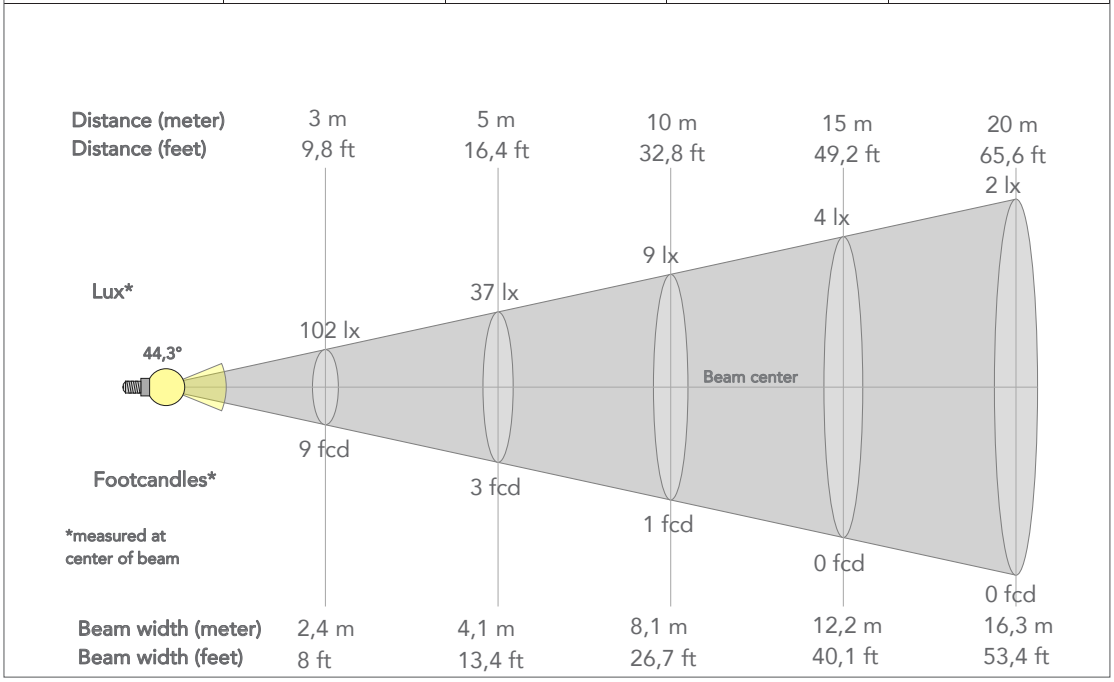
Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
15,5°	41,1°	72,3°	99,6%	95,5%



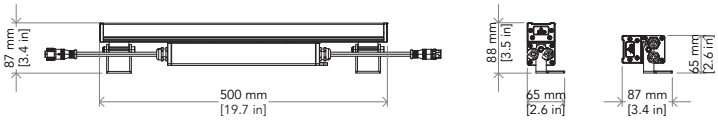
PRESET FULL ON (10°x60°)

Beam angle 50%: 15°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
44,3°	88,4°	123°	96,2%	83,6%



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS

TÜVRheinland
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Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

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for specifications and
tech documentations

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