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ArcShine S18VW

PROLIGHTS

ORDER CODE: ARCSHINES1815VW

5 YEARS Warranty



Source

18x2W Variable White LED

IP rating

IP66 for outdoor installations

Weight

3,5kg / 7.72lbs

The **ArcShine** S18VW and **ArcShine** S9VW 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 Variable 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
- Variable 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°

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TECHNICAL SPECIFICATIONS

OPTICS

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

COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: CCT control through dedicated DMX channel
- Macros: built-in white presets

CONTROL

- Supported Protocols: DMX512, RDM
- DMX channels: 1 / 2 / 5 / 9ch
- 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 25,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

BOX CONTENT

- 1 x ARCSHINES18VW
- 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

LIGHT SOURCE

- Source: 18x2W Variable White LED
- Source CCT: K dedicated variable CCT channel (2800-6500 K)
- Luminous flux: (15°) 2'232 lm; (15°+20°) 2'076 lm; (15°+60°) 1'981 lm; (15°+1060°) 2'562 lm; (15°+3060°) 2'140 @Full
- Lux: (15°) 380 lx; (15°+20°) 154 lx; (15°+60°) 56 lx; (15°+1060°) 108 lx; (15°+3060°) 71lx @5 m full
- CRI: >85
- Source life expectancy: > 50.000 hrs (L70B10 @Ta 25° C / 77° F)

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): 40W
- Output (at 230V): 35 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): 1000x150x64,7mm
- Weight: 3,5kg

INSTALLATION

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

CERTIFICATIONS / REPORTS

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

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ACCESSORIES & RELATED PRODUCTS



AETHERLINK
IP66 rated 1 Universe CRMX wireless transceiver for permanent outdoor installation



AWEXAC2L03
Extension IP67 power cable, IPpowercon-F -> IPpowercon-M, 3m



AWEXAC2L05
Extension IP67 power cable, IPpowercon-F -> IPpowercon-M, 5m



AWEXAC2L10
Extension IP67 power cable, IPpowercon-F -> IPpowercon-M, 10m



AWEXAC2L20
Extension IP67 power cable, IPpowercon-F -> IPpowercon-M, 20m



AWEXDC2L03
Extension IP67 signal cable, IPdataCON-F -> IPdataCON-M, 3m



AWEXDC2L05
Extension IP67 signal cable, IPdataCON-F -> IPdataCON-M, 5m



AWEXDC2L10
Extension IP67 signal cable, IPdataCON-F -> IPdataCON-M, 10m



AWEXDC2L20
Extension IP67 signal cable, IPdataCON-F -> IPdataCON-M, 20m

ARCS18FIXBD
Barndoor to adjust the light beam for ARCSHINES18 and ARCSHINEM18



ARCSS18FILTER20
Light diffusion filter for ARCSHINES18, 20°



ARCSS18FILTER40
Light diffusion filter for ARCSHINES18, 40°



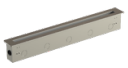
ARCSS18FILTER60
Light diffusion filter for ARCSHINES18, 60°



ARCSS18FILTER1060
Light diffusion filter for ARCSHINES18, 10°x60° (VxH)



ARCSS18FILTER3060
Light diffusion filter for ARCSHINES18, 30°x60° (VxH)



ARCSSM18OUTERCASE
Outercase box for ground installation for ARCSHINES18 and ARCSHINEM18 series, manual tilt



AWEXDC1221ADP
Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa



AWEXAC12ADP
Power adapter from AWEXAC1 cable series to AWEXAC2 cable series



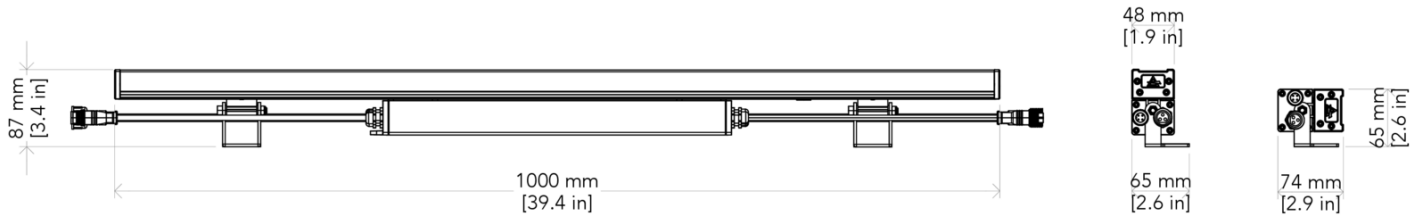
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

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TECHNICAL DRAWINGS



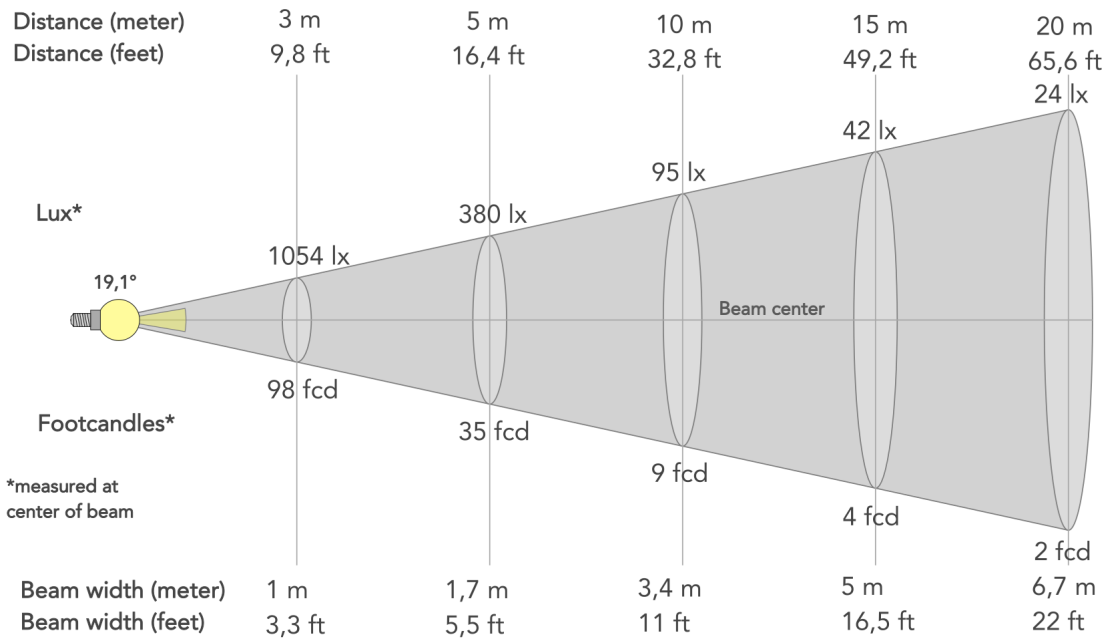
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PHOTOMETRICS

Full on - 15°



Beam angle (50%): **19.1°**	Field angle (10%): **47.5°**	Cut-off angle (2.5%): **84.4°**

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