

ArcSpot MVW

IP66 Spot featuring 4600 lumen with 19x 4W Variable White source, 10° native

ORDER CODE: **ARCSPOTMVWGY**



The **ArcSpot** series offers a range of IP66-rated dynamic luminaires, designed for exterior lighting of landscapes, trees, architectural features, and facades. This series provides a variety of fixture sizes and accessories, enabling precise targeting of the desired light intensity and quality for any application.

Among the series, the **ArcSpot** MVW stands out as medium sized round spot. It is equipped with 19x 4W Variable White LED source, delivering 10° beam angle with a fixture output of 4600 lumens.

These fixtures are engineered with a dual chamber design, with the physical separation of light sources and power units. This not only facilitates individual component replacement but also enhances heat dissipation, contributing to more durable applications and extended product longevity. Enhanced with a C5M marine-grade treatment, they are ideal for outdoor use, even in challenging salty environments or near the sea.

The unit is DMX compatible, offering the convenience of remote management via RDM.

Completing the **ArcSpot** series is a comprehensive selection of optics, holographic filters and light modifiers, providing endless possibilities in light distribution to suit every occasion.

MAIN FEATURES

- Exterior Spot featuring 4500 lumen with 19x 4W Variable White LED source
- IP66 with C5M for permanent exterior installation also in marine environment with dual chamber design
- Comprehensive selection of optics, holographic filters and light modifiers

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 19 x 4W Variable White LED
- Source CCT: K dedicated variable CCT channel (2700-6500 K)
- Luminous flux: 4'677 @Full
- Lux: 4'131lx @5 m full
- CRI: 97 @WW; 94 @CW; 97 @full
- R9: 96 @WW; 80 @CW; 86 @full
- TLCI: 95 @WW; 99 @CW; 99 @full
- TM30 Rf: >92 @WW; >91 @CW; >94 @full
- TM30 Rg: <98 @WW; <98 @CW; <101 @full
- Source life expectancy: > 90.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Beam angle: 10°
- Field angle: 18°
- Additional optics: see available accessories

COLOUR SYSTEM

- Colour mixing: tunable white
- CCT: linear CCT control
- Colour wheel: built-in white presets
- Macros: several pre-built macros with adjustable speed

DYNAMIC EFFECTS

- Static mode: selection of static dimmer and color temperature
- Manual mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

CONTROL

- Supported Protocols: DMX512, RDM
- DMX channels: 2 / 3 / 4 / 9ch
- RDM: for remote addressing and parameter configuration
- Display: user interface 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

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)

CONNECTIONS

- Power connection: 53 cm moulded IP power IN connector
- Signal connection: 53 cm 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
- Standby power: 0,5 W
- Power factor: > 0,9

PHYSICAL

- IP rating: IP66 for outdoor installations
- IK rating: IK08 impact rating
- Housing: Sturdy die-cast aluminium body, scratch-resistant C5M Marine Grade paint (as standard)
- Finish: basalt grey (RAL 7012)
- Operating temperature: Ta -20 to +45 °C (-4 to +113 °F)
- Dimensions (WxHxD): 210x239x123mm / 8.27"x9.41"x4.84"
- Weight: 2,7kg / 5.95lbs

INSTALLATION

- Suspension and fixing: bracket for hanging and positioning
- Hardware on-board: optional accessories: half snoot and louvre

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

BOX CONTENT

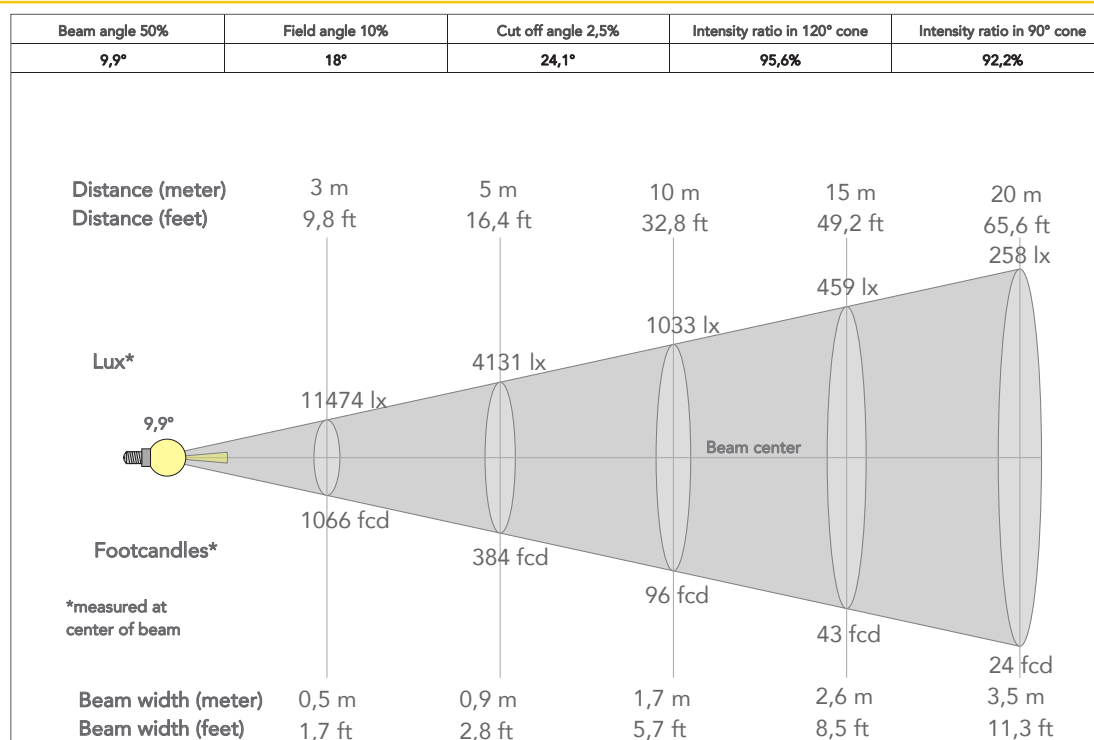
- 1 x ARCSPOTMVW
- 1 x 0,3 meters 3G1mmq power cable (BARE END - IP connection adapter)
- 1 x 5p XLR - IP connection male adapter
- 1 x 5p XLR - IP connection female adapter
- 1 x User Manual

ACCESSORIES & RELATED PRODUCTS

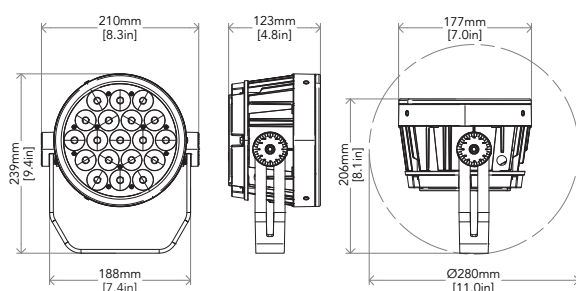
▪ AETHERLINK	IP66 rated 1 Universe CRMX wireless transceiver for permanent outdoor installation	▪ ARMHLOUVREGY	Honeycomb louvre for ARCSPOTS series
▪ ARCSKP	ArcSpot Series Ground Spike, RAL7012 with C5M (Marine Grade)	▪ ASPOTOUTERCASE	Outercase box for ground installation for ARCSPOTM series
▪ DATAMASTER	RDM/DMX tool, cable tester, 5p XLR connectors, pouch, charging cable, XLR adapters	▪ AWEXAC203/05/10/20	Extension IP67 power cable, IPpowercon-F -> IPpowercon-M, 3/5/10/20m
▪ PLYPC3010E73D	Y splitter power cable 3x1.0 mm ² , IP67 connectors (1 IN + 2 OUT), 80 cm length	▪ AWEXDC2L0305/10/20	Extension IP67 signal cable, IPdataCON-F -> IPdataCON-M, 3/5/10/20m
▪ THR390S3T	3-Way junction connector, 'T' type, 3 Poles, IP68	▪ AWEXDC1221ADP	Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa
▪ THR209S6D	4-Way junction box type H, 3 poles, IP66/IP68	▪ AWEXAC12ADP	Power adapter from AWEXAC1 cable series to AWEXAC2 cable series
▪ CRMXBOXIP67	IP67 1 Universe CRMX Wireless Transceiver for exterior installation	▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ ASLENS10/15/25	Lens for ARCSPOT series, 10°/15°/25°	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ ARMFILTER20/40/60 1060/3060	Light diffusion filter for ARCSPOTM series, 20°/40°/60°/10°x60°/30°x60°		
▪ ARMHSNOOTGY	Half snoot for ARCSPOTS series		

PRESET FULL ON

Beam angle 50%:



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

