

ArcSpot MVW

IP66 Spot featuring 4500 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 4500 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 4 W Variable White LED
- CCT: 2700K - 6500K
- Luminous flux: 4'170 @full
- Lux: 3'208 lx @5 m full
- CRI: 96 @WW; 93 @CW; 93 @full
- R9: 96 @WW; 97 @CW; 73 @full
- TLCI: 98 @WW; 98 @CW; 97 @full
- TM30 Rf: >96 @WW; >92 @CW; >93 @full
- TM30 Rg: <103 @WW; <101 @CW; <105 @full
- Source life expectancy: > 90.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Beam angle: 5°
- 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

BODY

- Hardware on-board: optional accessories: half snoot and louvre
- Body: sturdy die-cast aluminium body, scratch resistant paint (C5M as standard)
- Body colour: RAL 7012

CONTROL

- Protocols: DMX512, RDM
- DMX channels: 2 / 3 / 4 / 9 channel
- RDM: RDM for remote monitoring and settings
- Display: user interface through DATAMASTER external coder (not included)

- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/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)
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 80 W
- Standby power: 0,5 W
- Power factor: > 0,9
- Inrush current: 230VAC/39A, 110VAC/11.2A

PHYSICAL

- IP rating: 66 for outdoor installations
- IK rating: 08
- Suspension and fixing: bracket for hanging and positioning
- Adaptors: XLR and BARE END 16A adaptors included
- Signal connection: moulded IP signal IN/OUT connectors
- Power connection: moulded IP power IN connector
- Dimensions (WxHxD): 210x239x123 mm
- Weight: 2,7 kg

CERTIFICATIONS / APPROVALS

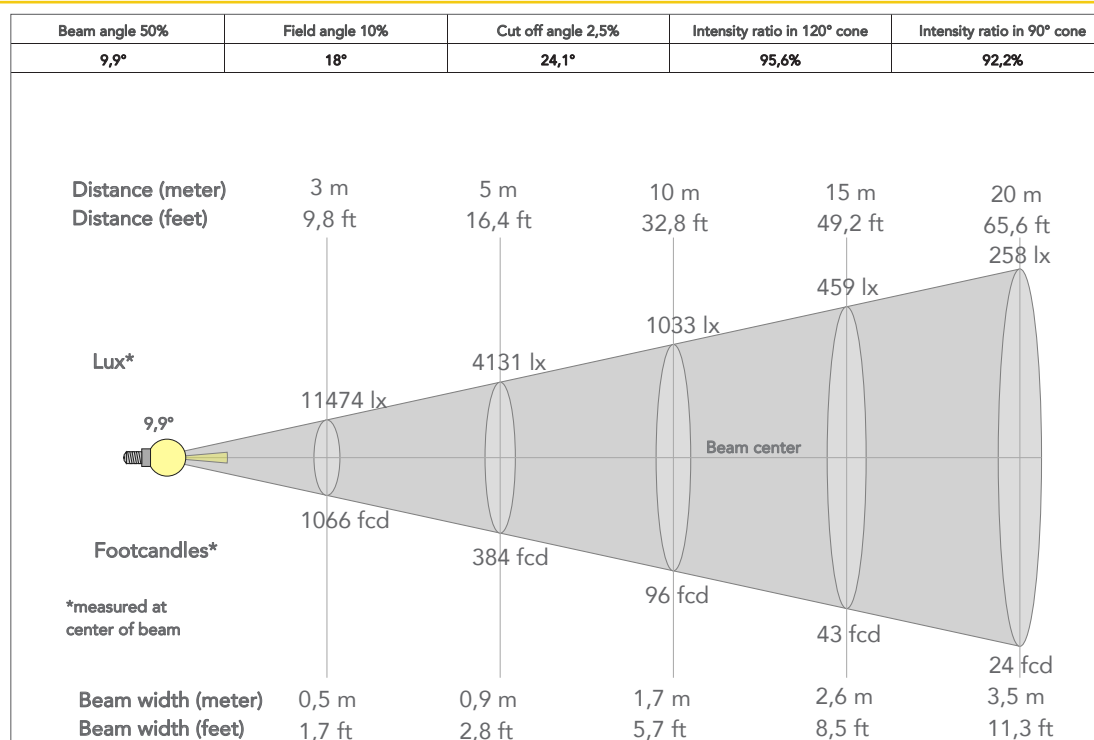
- Certifications / Approvals: CE

ACCESSORIES & RELATED PRODUCTS

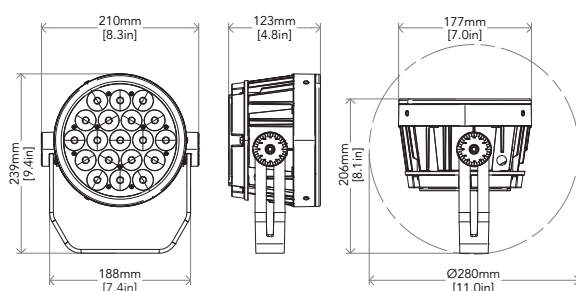
▪ CRMXBOXIP67	IP67 1 Universe CRMX Wireless Transceiver for exterior installation	▪ AWEXDC1221ADP	Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa
▪ ASLENS10/15/25	Lens for ARCSPOT series, 10°15°/25°	▪ AWEXAC12ADP	Power adapter from AWEXAC1 cable series to AWEXAC2 cable series
▪ ARMFILTER20/40/60 1060/3060	Light diffusion filter for ARCSPOTS series, 20°40°/60°/10°x60°/30°x60°	▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ ARMHSNOOTGY	Half snoot for ARCSPOTS series	▪ UPBOX1UP5	Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT
▪ ARMHLOUVREGY	Honeycomb louvre for ARCSPOTS series	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ AWEXAC203/05/10/20	Extension IP67 power cable, IPpowercon-F -> IPpowercon-M, 3/5/10/20m		
▪ AWEXDC2L0305/10/20	Extension IP67 signal cable, IPdataCON-F -> IPdataCON-M, 3/5/10/20m		

PRESET FULL ON

Beam angle 50%:



TECHICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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

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tech documentations

