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ArcSpot MVW

PROLIGHTS

ORDER CODE: ARCSPOTMVWGY



Source

19 x 4W Variable White LED

IP rating

IP66 for outdoor installations

Weight

2,7kg / 5.95lbs

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 4600 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

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TECHNICAL SPECIFICATIONS

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

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

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)

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 80W
- Standby power: 0,5 W
- Power factor: > 0,9

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

COLOUR SYSTEM

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

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

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

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
- Weight: 2,7kg

INSTALLATION

- Suspension and fixing: bracket for hanging and floor positioning

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

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ACCESSORIES & RELATED PRODUCTS



ARCSPK
ArcSpot Series Ground Spike, RAL7012 with C5M (Marine Grade)



DATAMASTER
RDM/DMX tool,cable tester, 5p XLR connectors,pouch, charging cable, XLR adapters



PLYPC3010E73D
Y splitter power cable 3x1.0 mm2, IP67 connectors (1 IN + 2 OUT), 80 cm lenght



THR390S3T
3-Way junction connector, 'T' type, 3 Poles, IP68



THR209S6D
4-Way junction box type H, 3 poles, IP66/IP68



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



ASLENS10
Lens for ARCSPOT series, 10°



ASLENS15
Lens for ARCSPOT series, 15°



ASLENS25
Lens for ARCSPOT series, 25°



ARMFILTER20
Light diffusion filter for ARCSPOTM series, 20°



ARMFILTER40
Light diffusion filter for ARCSPOTM series, 40°



ARMFILTER60
Light diffusion filter for ARCSPOTM series, 60°



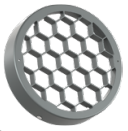
ARMFILTER1060
Light diffusion filter for ARCSPOTM series, 10°x60° (VxH)



ARMFILTER3060
Light diffusion filter for ARCSPOTM series, 30°x60° (VxH)



ARMHSNOOTGY
Half snoot for ARCSPOTM series, RAL 7012



ARMHLOUVREGY
Honeycomb louvre for ARCSPOTM series, RAL 7012



ASPOTOUTERCASEM
Outercase box for ground installation for ARCSPOTM series



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

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ACCESSORIES & RELATED PRODUCTS



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



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



AWEXAC12ADP
Power adapter from AWEXAC1 cable series to AWEXAC2 cable series

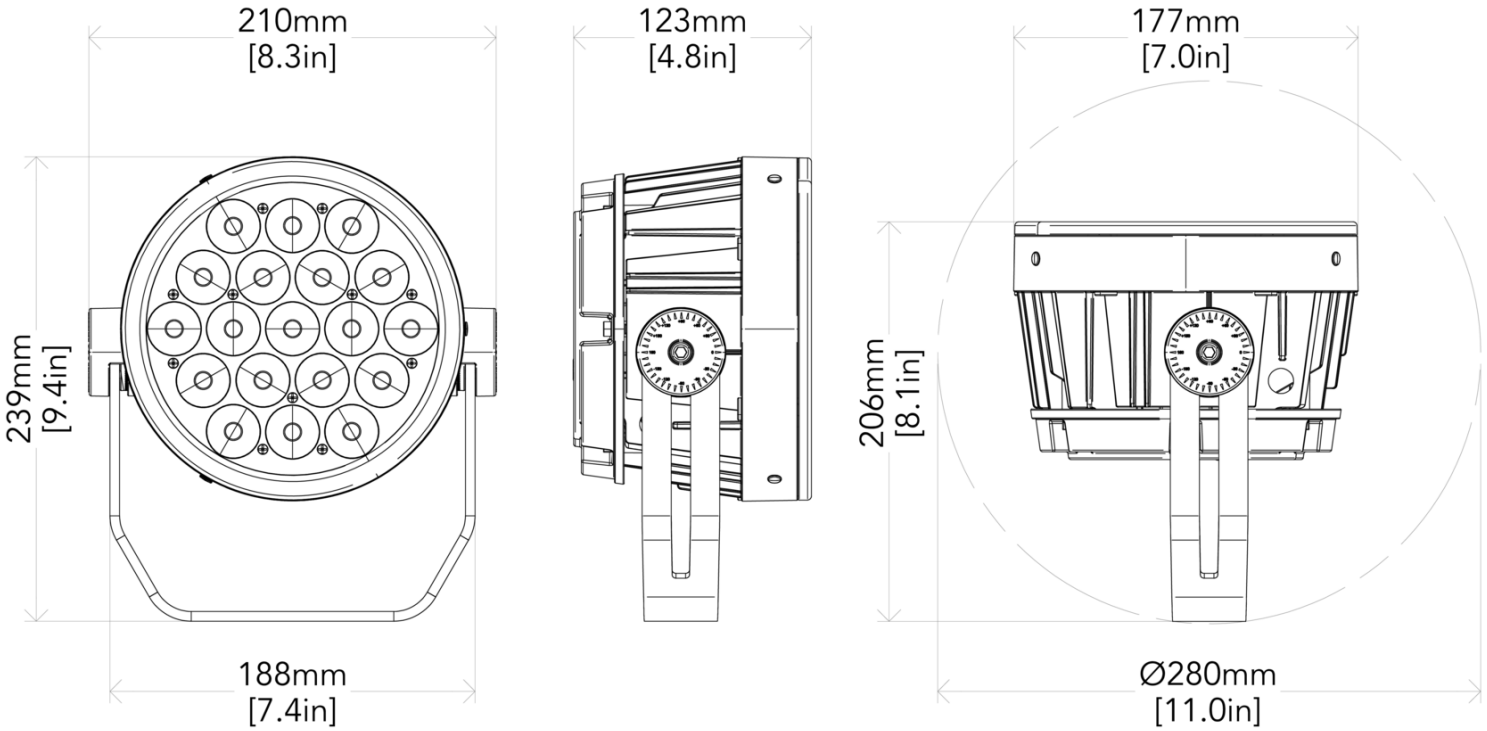


IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures



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

TECHNICAL DRAWINGS



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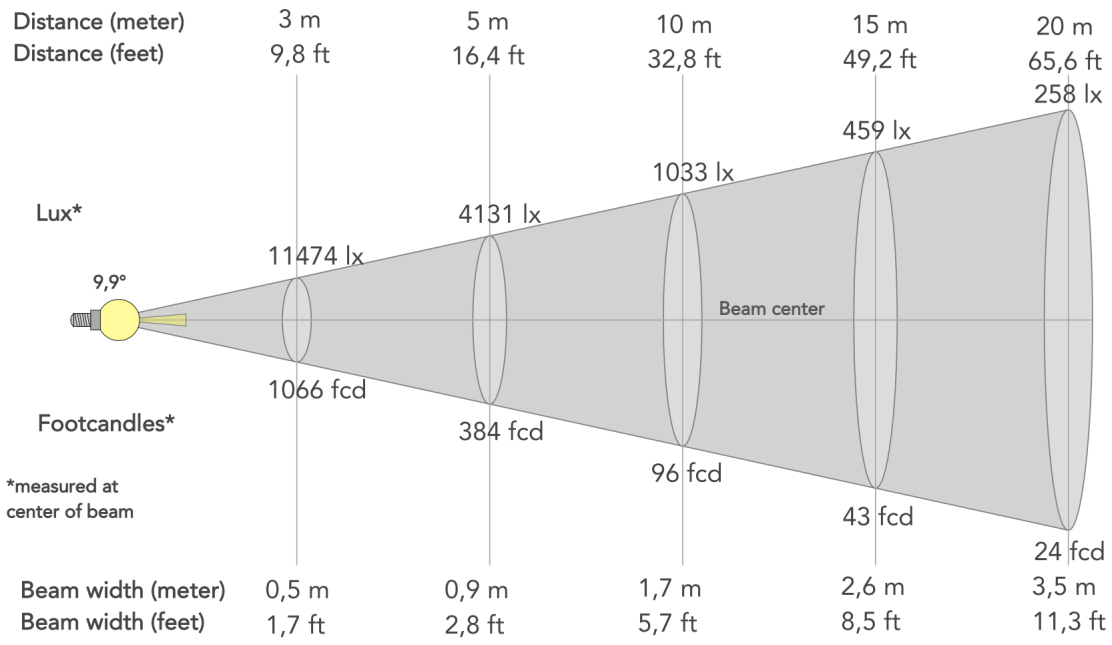
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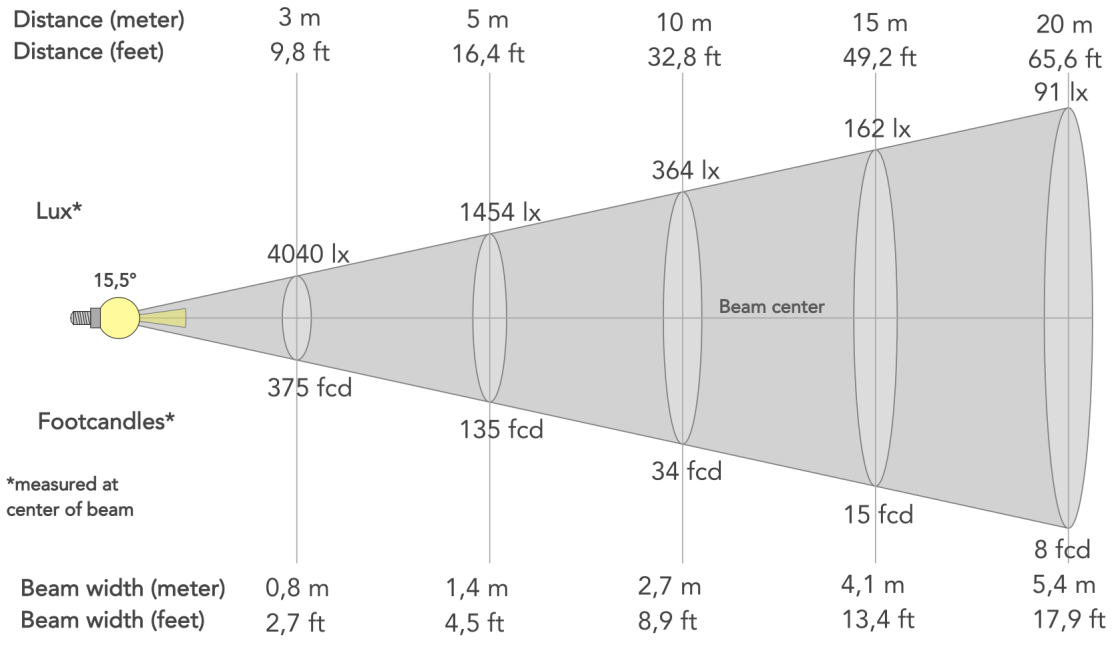
PHOTOMETRICS

Full On - 10°



Beam angle (50%): **9.9°**	Field angle (10%): **18°**	Cut-off angle (2.5%): **24.1°**

Full On - 15°



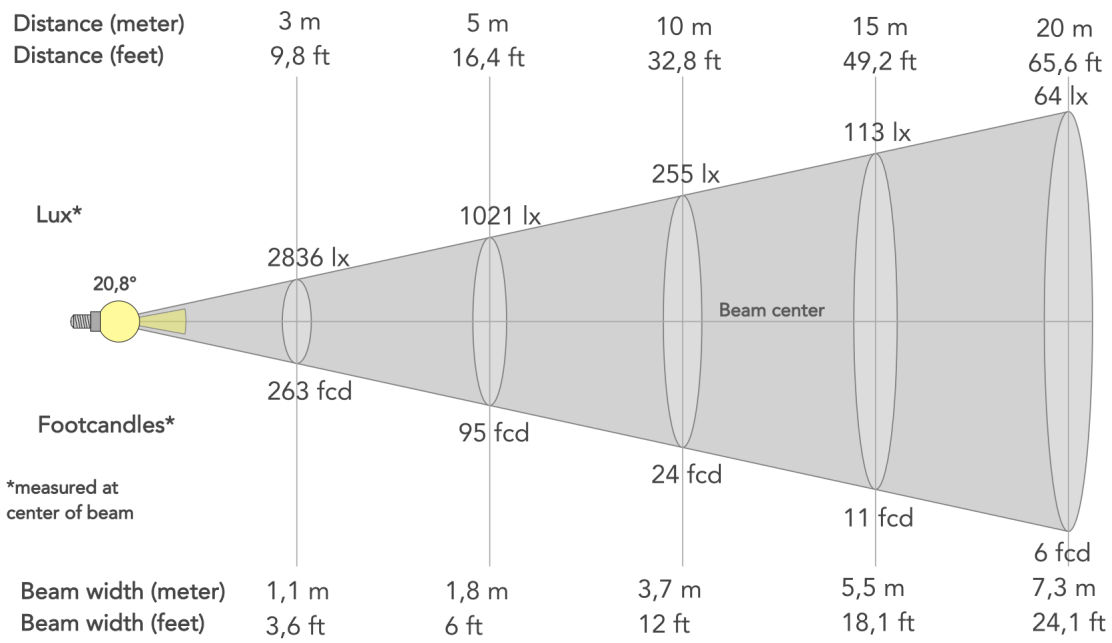
Beam angle (50%): **15.5°**	Field angle (10%): **27.9°**	Cut-off angle (2.5%): **50.7°**

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ArcSpot MVW

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Full On - 25°



Beam angle (50%): **20.8°**	Field angle (10%): **36.4°**	Cut-off angle (2.5%): **54.1°**

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