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ArcSpot DOTFC

PROLIGHTS

ORDER CODE: ARCSPOTDOTFCGY



Source

1 x 20W RGB + Warm White LED

IP rating

IP66 for outdoor installations

Weight

1,1kg / 2.43lbs

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** DotFC stands out as an extra small round spot. It is equipped with a 20W RGB+WarmWhite LED source, delivering a focused ultra-narrow 5° beam angle with a fixture output of 590 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 590 lumen with 1x20W RGB+WarmWhite 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: 1 x 20W RGB + Warm White LED
- Luminous flux: 592 @Full
- Lux: 699lx @5 m full
- Source life expectancy: > 90.000 hrs (L70B10 @Ta 25° C / 77° F)

OPTICS

- Beam angle: 5°
- Field angle: 14°
- Lens diameter: 60mm
- Additional optics: see available accessories

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 24W
- Standby power: 0,5 W
- Power factor: > 0,9

PHYSICAL

- IP rating: IP66 for outdoor installations
- IK rating: IK07 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): 132x156x112mm
- Weight: 1,1kg

INSTALLATION

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

BOX CONTENT

- 1 x ARCSPOTDOTFC
- 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

COLOUR SYSTEM

- CCT: CCT channel from 2.800K to 10.000K
- Tint correction: ± green correction adjustment
- Colour wheel: gel filters included
- Macros: built-in white presets

DYNAMIC EFFECTS

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

CONTROL

- Supported Protocols: DMX512, RDM
- DMX channels: 5 / 6 / 9 / 12ch
- 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 25,000 Hz (selectable steps)
- Firmware upgrade with: 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

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

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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



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



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



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



ARDOTFILTER20
Light diffusion filter for ARCSPOTDOT series, 20°



ARDOTFILTER40
Light diffusion filter for ARCSPOTDOT series, 40°



ARDOTFILTER60
Light diffusion filter for ARCSPOTDOT series, 60°



ARDOTFILTER1060
Light diffusion filter for ARCSPOTDOT series, 10°x60° (VxH)



ARDOTFILTER3060
Light diffusion filter for ARCSPOTDOT series, 30°x60° (VxH)



ARDOTHSNOOTGY
Half snoot for ARCSPOTDOT series, RAL 7012



ASPOTOUTERCASEDOT
Outercase box for ground installation for ARCSPOTDOT 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



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

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ACCESSORIES & RELATED PRODUCTS



AWEXAC12ADP
Power adapter from AWEXAC1 cable series to AWEXAC2 cable series

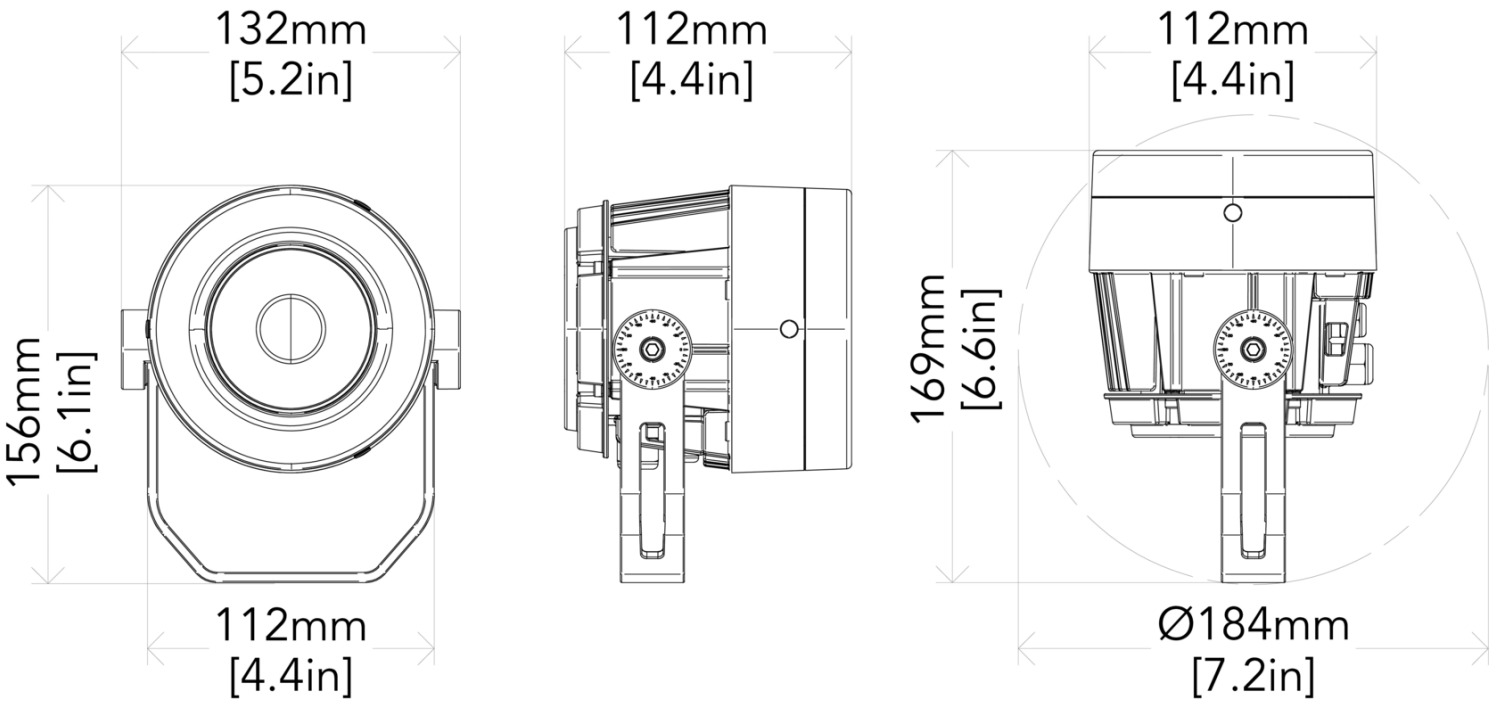


IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures



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

TECHNICAL DRAWINGS



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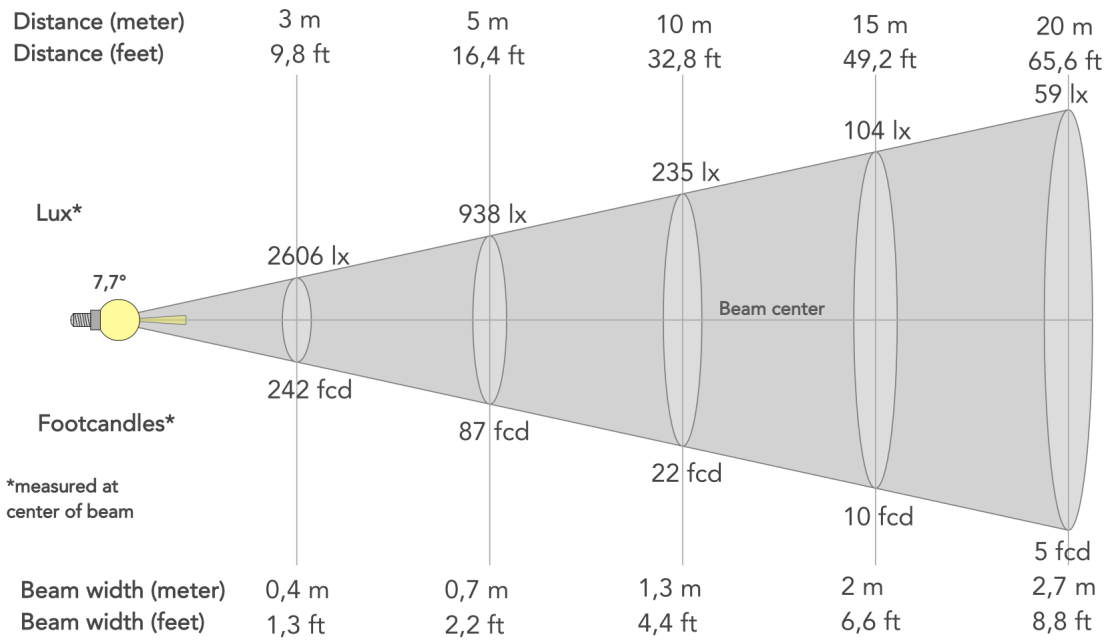
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PHOTOMETRICS

Full On - Native Optic - 5Deg



Beam angle (50%): **7.7°**	Field angle (10%): **13.9°**	Cut-off angle (2.5%): **20.6°**

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