ArcSpot MVW

ORDER CODE: ARCSPOTMVWGY



SOURCE	IP RATING	WEIGHT
19 x 4W Variable White LED	IP66 for outdoor installations	2,7kg / 5.95lbs

CRI
97 @WW

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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

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 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

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TECHNICAL SPECIFICATIONS

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
Weight:	2,7kg

INSTALLATION

Suspension and fixing:	bracket for hanging and floor positioning

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

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ACCESSORIES & RELATED PRODUCTS



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



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



ASLENS10
Lens for ARCSPOT series, 10°



ASLENS25
Lens for ARCSPOT series, 25°



ARMFILTER40
Light diffusion filter for ARCSPOTM series, 40°



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



ARMHSNOOTGY
Half snoot for ARCSPOTM series, RAL 7012



ASPOTOUTERCASEM
Outercase box for ground installation for ARCSPOTM series



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



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



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



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



AWEXAC12ADP
Power adapter from AWEXAC1 cable series to AWEXAC2 cable series



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



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



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



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



ASLENS15
Lens for ARCSPOT series, 15°



ARMFILTER20
Light diffusion filter for ARCSPOTM series, 20°



ARMFILTER60
Light diffusion filter for ARCSPOTM series, 60°



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



ARMHLOUVREGY
Honeycomb louvre for ARCSPOTM series, RAL 7012



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



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



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



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

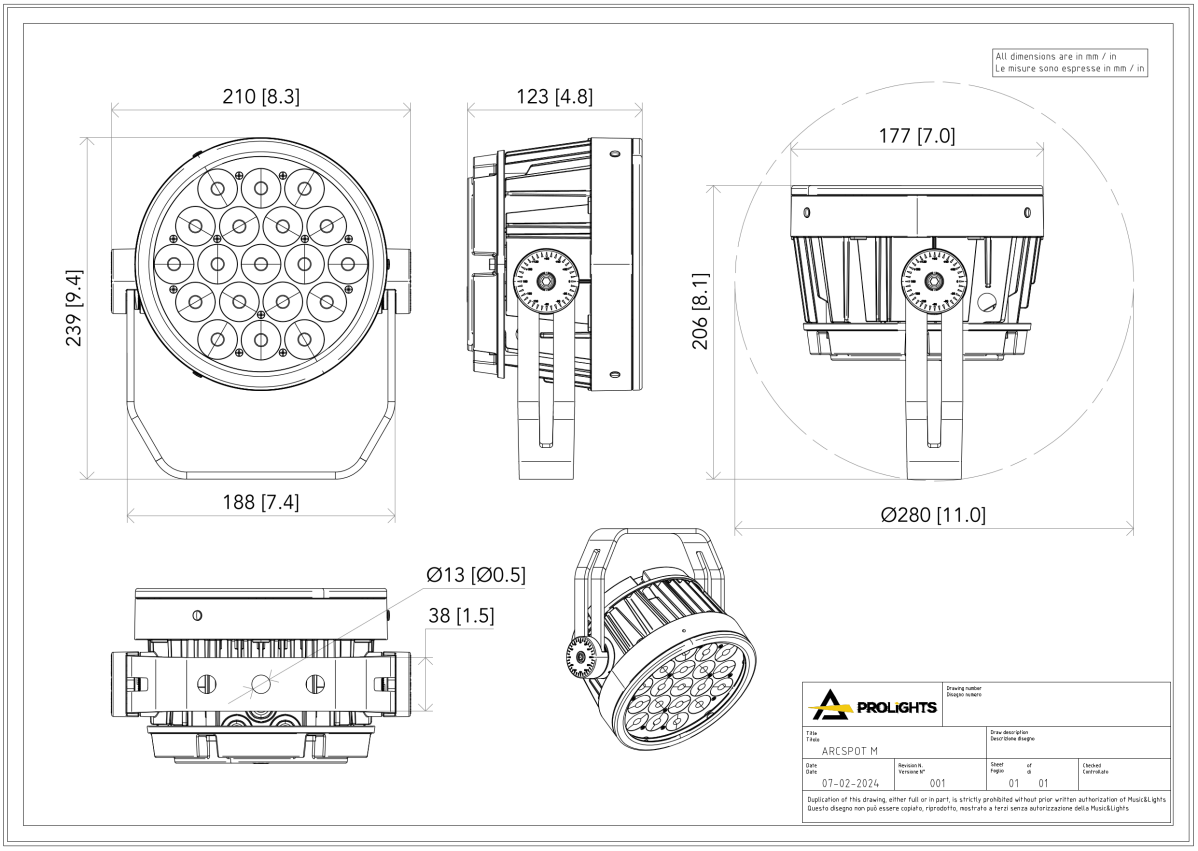


AWEXDC1221ADP
Signal adapter kit from AWEXDC1 series to AWEXDC2 series and vice versa



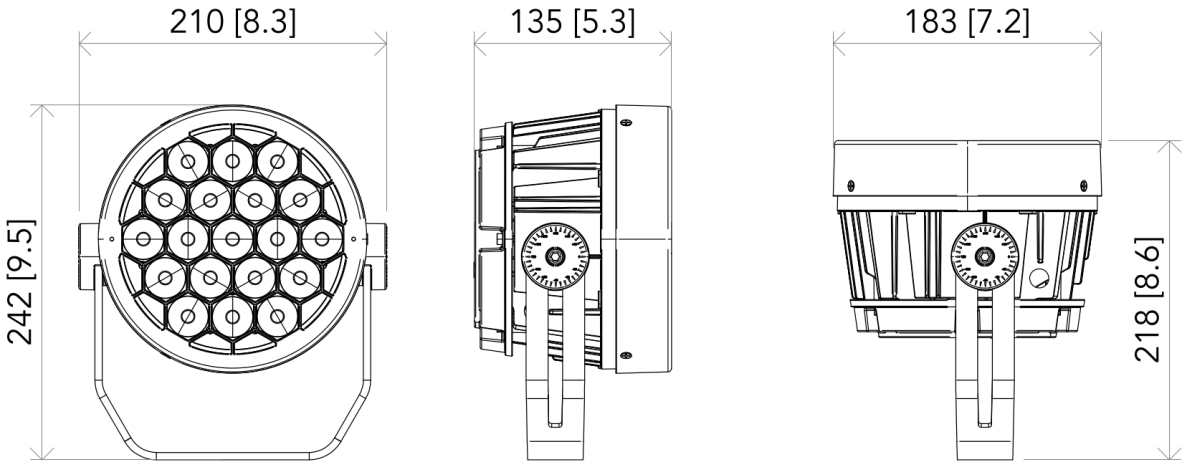
IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures

TECHNICAL DRAWINGS

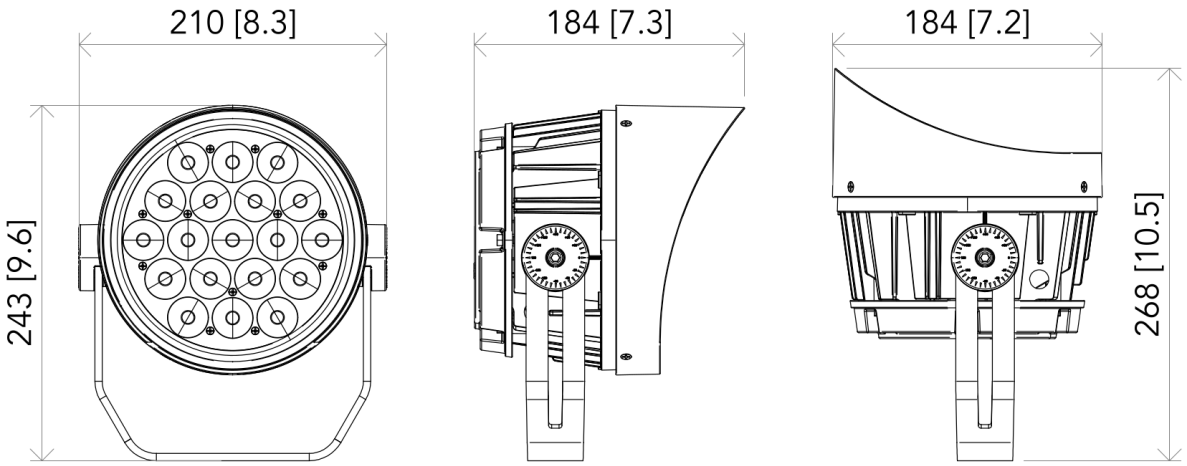


All dimensions are in mm / in
Le misure sono espresse in mm / in

ARMHLOUVRE



ARMHSNOOT

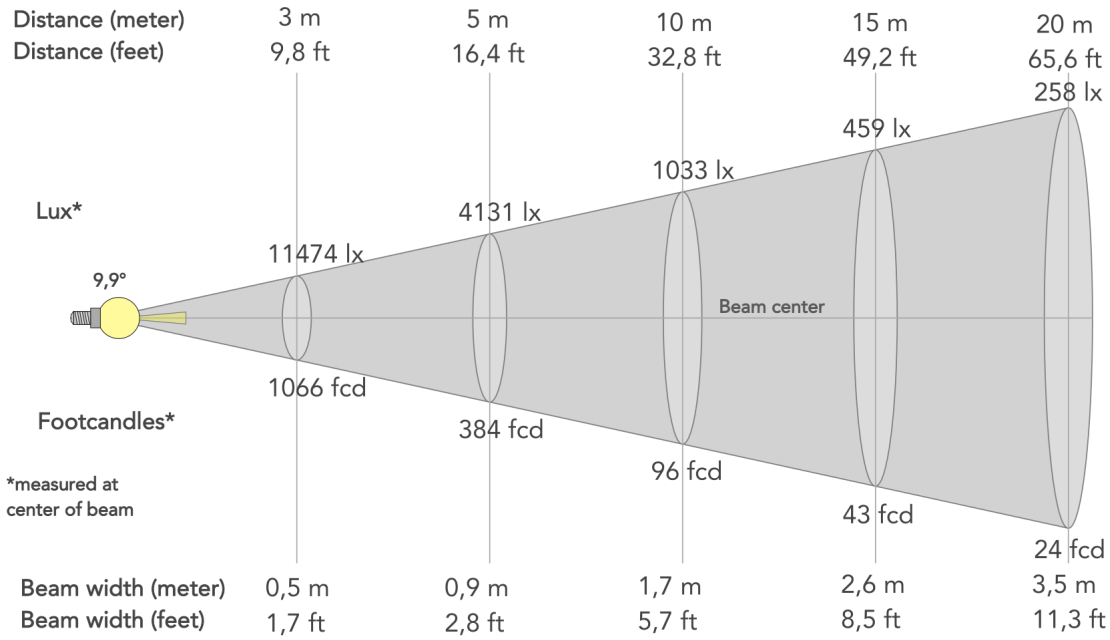


PROLIGHTS		Drawing number / Disegno numero: 01	
Title / Titolo: ARCSPOT M		Draw description / Descrizione disegno: With accessories	
Date / Date: 07-02-2024	Revision N. / Versione N°: 001	Sheet / Foglio: 01 of / di 01	Checked / Controllato

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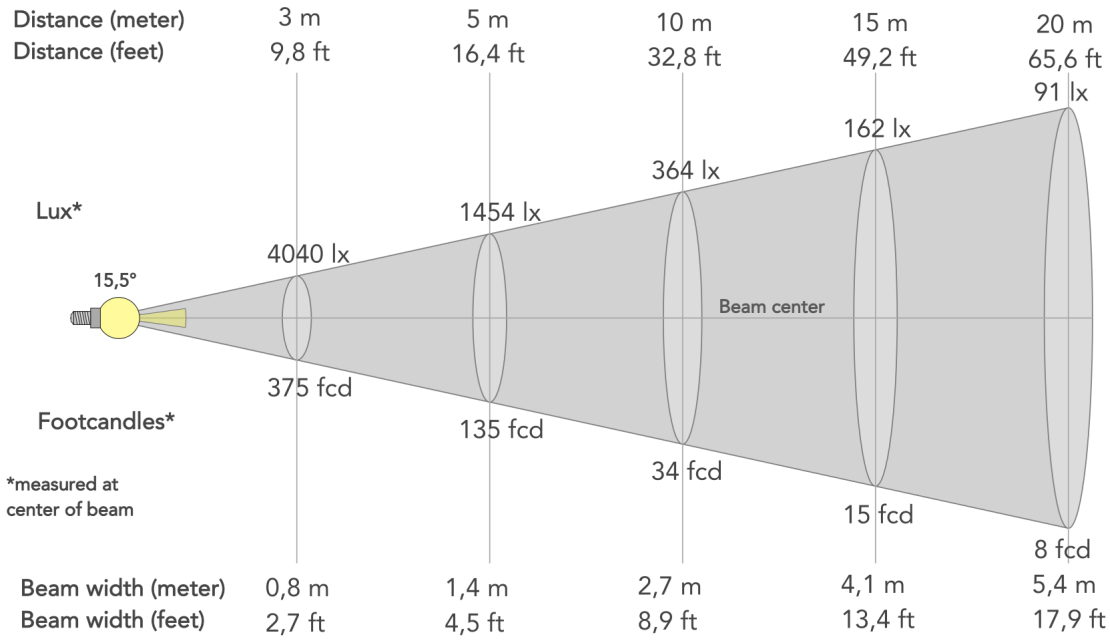
PHOTOMETRICS

Full On - 10°



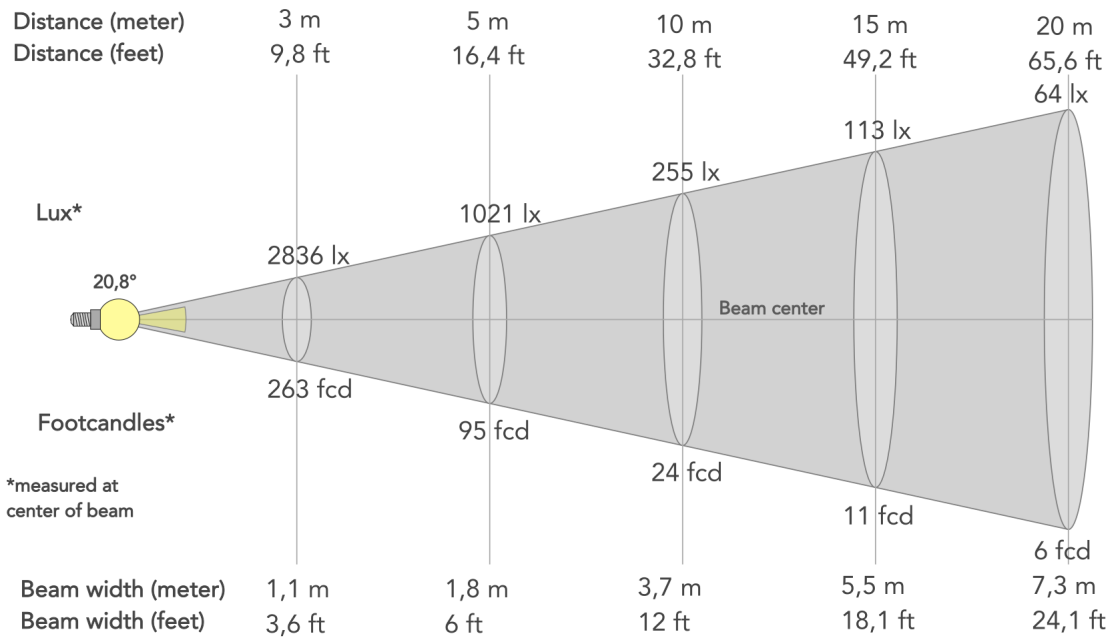
Beam angle (50%): **9.9°**	Field angle (10%): **18°**	Cut-off angle (2.5%): **24.1°**

Full On - 15°



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

Full On - 25°



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

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