ArcShine S18FC

ORDER CODE: **ARCSHINES1815FC**

5 YEARS Warranty



SOURCE	IP RATING	WEIGHT
18x2W RGB + Warm White LEDs	**IP66 for outdoor installations**	**3,5kg / 7.72lbs**

LUMINOUS FLUX (MAX)	CRI
1'339 lm	**>80**

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	18x2W RGB + Warm White LEDs
Luminous flux:	(15°) 1'168 lm; (15°+20°) 1'047 lm; (15°+60°) 1.030 lm; (15° +10°x60°) 1'339 lm; (15° +30°x60°) 1'093 @Full
Lux:	(15°) 646 lx; (15°+20°) 222 lx; (15° +60°) 25 lx; (15°+10°x60°) 141 lx; (15°+30°x60°) 113lx @3 m full
CRI:	>80
Source life expectancy:	> 50.000 hrs (L70B10 @Ta 25° C / 77° F)

CONTROL

Supported Protocols:	DMX512, RDM
DMX channels:	1 / 2 / 5 / 9 / 12 / 14ch
Pixel control:	2 controllable sections
RDM:	for remote addressing and parameter configuration
Display:	user interface through DATAMASTER external coder (not included)
Stand Alone:	available 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

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	40W
Output (at 230V):	35 units on a single power line
Power factor:	>0,94

INSTALLATION

Suspension and fixing:	double bracket for hanging and floor positioning

OPTICS

Beam angle:	15°
Additional optics:	see available accessories

COLOUR SYSTEM

CCT:	CCT control through dedicated DMX channel
Colour wheel:	virtual colour wheel with macros
Macros:	built-in white presets

MOVEMENT

Tilt:	180° with manual 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)

CONNECTIONS

Power connection:	moulded IP power IN/OUT connectors
Signal connection:	moulded IP signal IN/OUT connectors
Adaptors:	XLR and BARE END 16A adaptors included

PHYSICAL

IP rating:	IP66 for outdoor installations
IK rating:	IK09 impact rating
Cooling:	fan-free with natural convection
Housing:	Sturdy aluminium profile
Finish:	basalt grey (RAL 7012)
Operating temperature:	Ta -20 to +45 °C (-4 to +113 °F)
Dimensions (WxHxD):	1000x150x64,7mm
Weight:	3,5kg

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM, cTUVus, FCC

Downloaded on 16/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

BOX CONTENT

1 x ARCSHINES18FC

1 x 0,3 meters 3G1mmq power cable (BARE END - IP connection adapter)

1 x 5p XLR - IP connection female adapter

1 x 5p XLR - IP connection male adapter

ACCESSORIES & RELATED PRODUCTS



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



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

ARCS18FIXBD
Barndoor to adjust the light beam for ARCSHINES18 and ARCSHINEM18



ARCSS18FILTER20
Light diffusion filter for ARCSHINES18, 20°



ARCSS18FILTER40
Light diffusion filter for ARCSHINES18, 40°



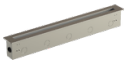
ARCSS18FILTER60
Light diffusion filter for ARCSHINES18, 60°



ARCSS18FILTER1060
Light diffusion filter for ARCSHINES18, 10°x60° (VxH)



ARCSS18FILTER3060
Light diffusion filter for ARCSHINES18, 30°x60° (VxH)



ARCSSM18OUTERCASE
Outercase box for ground installation for ARCSHINES18 and ARCSHINEM18 series, manual tilt



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

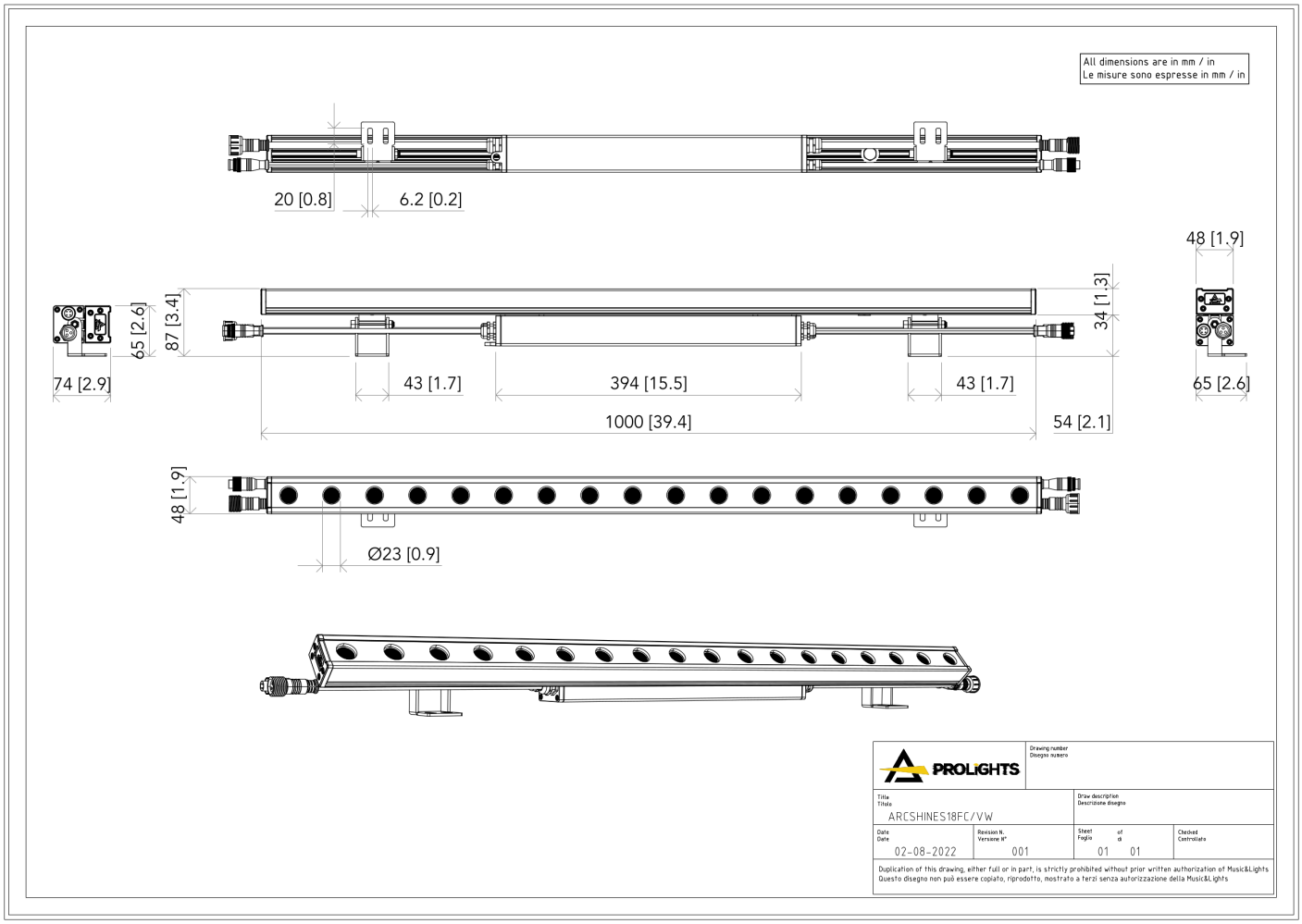


AWEXAC12ADP
Power adapter from AWEXAC1 cable series to AWEXAC2 cable series



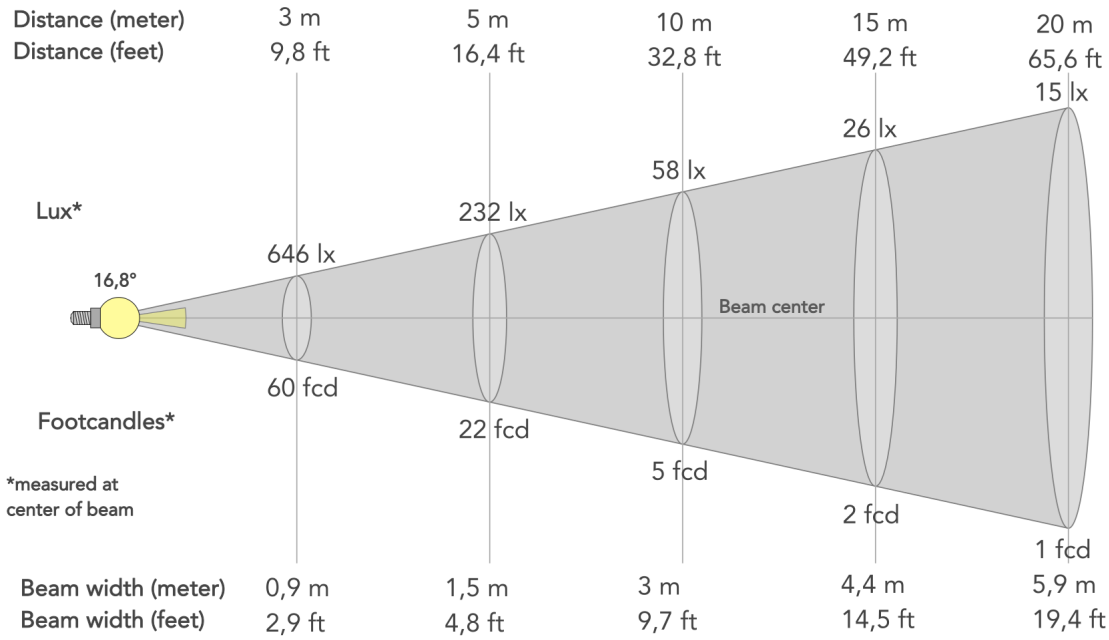
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



PHOTOMETRICS

Full on - 15°



Beam angle (50%): **16.8°**	Field angle (10%): **43.7°**	Cut-off angle (2.5%): **78.9°**