ArcShine M18FC

ORDER CODE: ARCSHINEM1808FC



VERSIONS

Code	LED source	Beam angle (° - HxV)	Lenght (cm)	Painting
ARCSHINEM1808FC	**RGBW/Full color**	**8**	**100**	**Standard**
ARCSHM1808FCC5M	RGBW/Full color	8	100	C5M

SOURCE
18x4W RGB + Warm White LEDs

IP RATING
IP66 for outdoor installations

WEIGHT
4,9kg / 10.8lbs

LUMINOUS FLUX (MAX)
3'567 lm

CRI
>80

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	18x4W RGB + Warm White LEDs
Luminous flux:	(8°) 2'385 lm; (8°+20°) 2'353 lm; (8°+40°) 2'242 lm; (8°+60°) 2'262 lm; (8°+10°x60°) 3'567 lm; (8° +30°x60°) 2'460 @Full
Lux:	(8°) 3'641 lx; (8°+20°) 712 lx; (8° +40°) 264 lx; (8°+60°) 181 lx; (8° +10°x60°) 450 lx; (8°+30°x60°) 321lx @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):	80W
Output (at 230V):	18 units on a single power line
Power factor:	>0,94

INSTALLATION

Suspension and fixing:	double bracket for hanging and floor positioning

OPTICS

Beam angle:	8°
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):	1000x106x71mm
Weight:	4,9kg

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM, cTUVus, FCC

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TECHNICAL SPECIFICATIONS

BOX CONTENT

1 x ARCSHINEM18FC

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

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ACCESSORIES & RELATED PRODUCTS



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



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



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



ARCSM18FILTER20
Light diffusion filter for ARCSHINEM18, 20°



ARCSM18FILTER40
Light diffusion filter for ARCSHINEM18, 40°



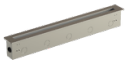
ARCSM18FILTER60
Light diffusion filter for ARCSHINEM18, 60°



ARCSM18FILTER1060
Light diffusion filter for ARCSHINEM18, 10°x60° (VxH)



ARCSM18FILTER3060
Light diffusion filter for ARCSHINEM18, 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

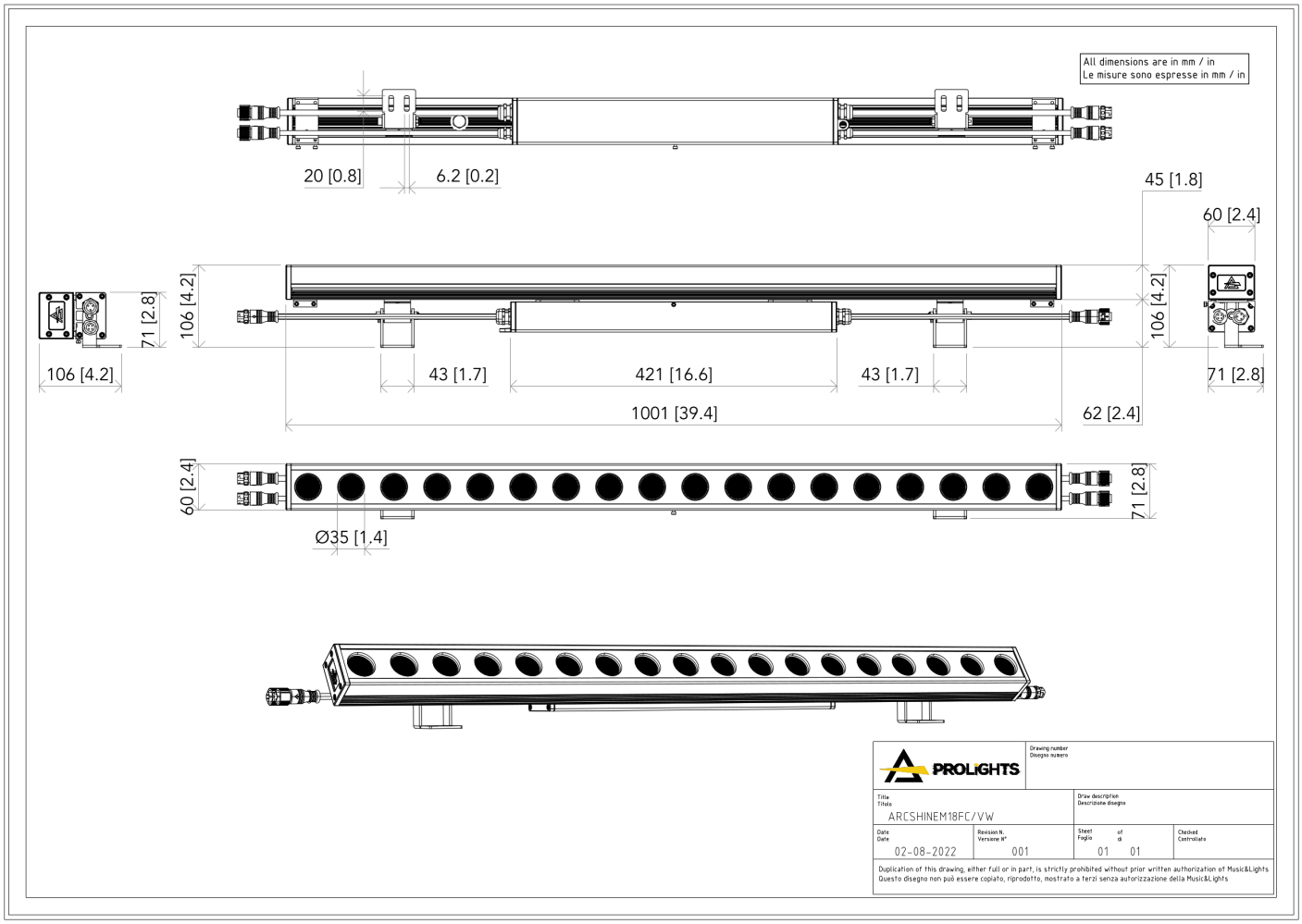


IPTESTBOX
Portable vacuum and pressure tester for ProLights IP fixtures



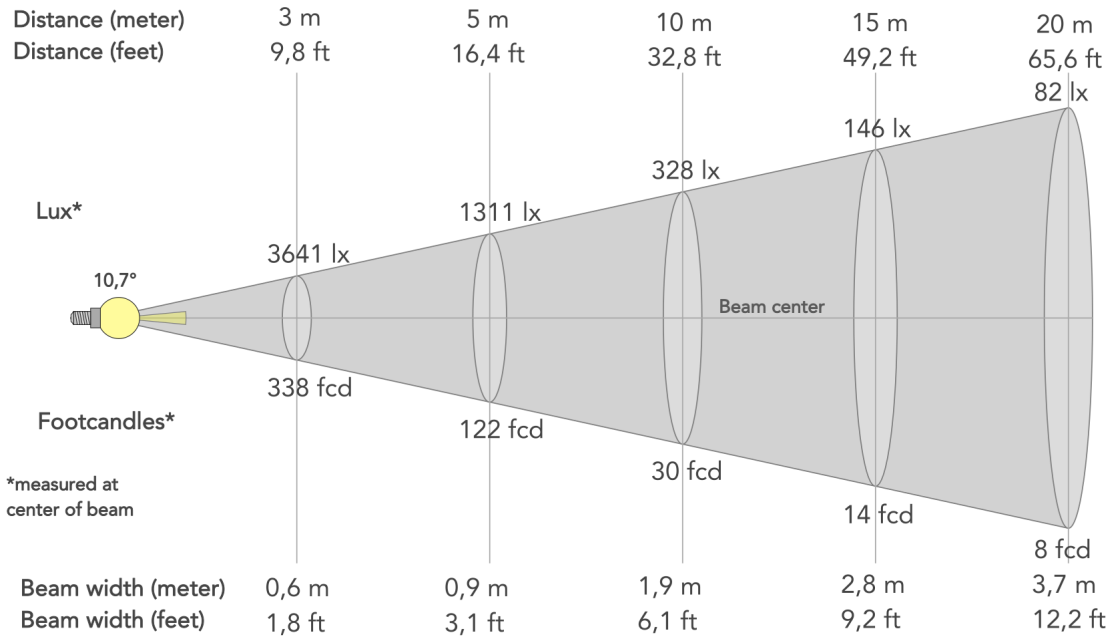
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



PHOTOMETRICS

Full on - 8° (Native Optic)



Beam angle (50%): **10.7°**	Field angle (10%): **24.4°**	Cut-off angle (2.5%): **45.5°**