SunBar 2000FC

ORDER CODE: SUNBAR2000FC



SOURCE
1.024x1W RGBW LEDs

IP RATING
IP20

WEIGHT
9,5kg / 20.94lbs

LUMINOUS FLUX (MAX)
126000 lm

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	1.024x1W RGBW LEDs
Source CCT:	W: 6.500K
Luminous flux:	Strobe without lens (peak) 126000 lm; Static ON without lens 25774; Strobe with lens (peak) 46200; Static ON with lens 19183
Lux:	(115°) 1'005 lx - (37°) 3'457lx @3 m full
Lux:	(115°) 362 lx - (37°) 1'244lx @5 m full
Source life expectancy:	> 30.000 h

OPTICS

Beam angle:	without lens 115°, with lens 37°
Field angle:	without lens 155°, with lens 84°
Other:	Mountable 40° lens reflector plate (included)

COLOUR SYSTEM

White presets:	2.800 K -10.000K
Colour wheel:	virtual colour wheel with macros

DYNAMIC EFFECTS

Pixel patterns:	pre-programmed static and dynamic pixel patterns
FX generator:	adjustable foreground/background colour, index, speed, direction
Static mode:	selection of static colour
Manual mode:	manual adjustment of colour
Auto mode:	built-in programs with execution speed adjustment
Special features:	Multi-layer pixel FX control

GOBOS

Gobo wheel 1:	dynamic patterns with speed and rotation control

CONTROL

Supported Protocols:	DMX512, RDM, Art-Net, Kling-Net
DMX channels:	from 4 ch to 87ch
Pixel control:	1 / 2 / 4 / 8 / 16 individually select and control sections
RDM:	for remote addressing and parameter configuration
Display:	black TFT touch display

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:	Seetronic powerCON waterproof IN/OUT connectors
Signal connection:	Amphenol XLR 5p IN/OUT connectors
Data connection:	Art-Net RJ45 IN/OUT

Downloaded on 06/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	strobe: 987 W - static: 610W
Output (at 230V):	3 units on a single power line
Max power consumption (120V):	strobe: 1.065 W - static: 630W
Output (at 120V):	1 units on a single power line
Power factor:	0,98

PHYSICAL

IP rating:	IP20
Cooling:	forced-air with low-noise fan
Housing:	Sturdy die-cast aluminium body
Finish:	black
Operating temperature:	Ta -10 to +45 °C (+14 to +113 °F)
Dimensions (WxHxD):	1000x75x231mm
Dimensions with PO system (WxHxD):	mm
Weight:	9,5kg

INSTALLATION

Suspension and fixing:	bracket for hanging and floor positioning (optional)
Bracket system:	floor stand bracket compatible with quick-lock Omega brackets
Mounting points:	quick-lock Omega sockets

CERTIFICATIONS / REPORTS

Compliance:	CE, UKCA, RCM

BOX CONTENT

1 x SUNBAR2000FC

1 x 1,5 meters power cable (BARE END - SEETRONIC IP65 power connector)

ACCESSORIES & RELATED PRODUCTS



OS26PLUS

Quick-lock omega bracket, M12 hole



UPBOXPRO

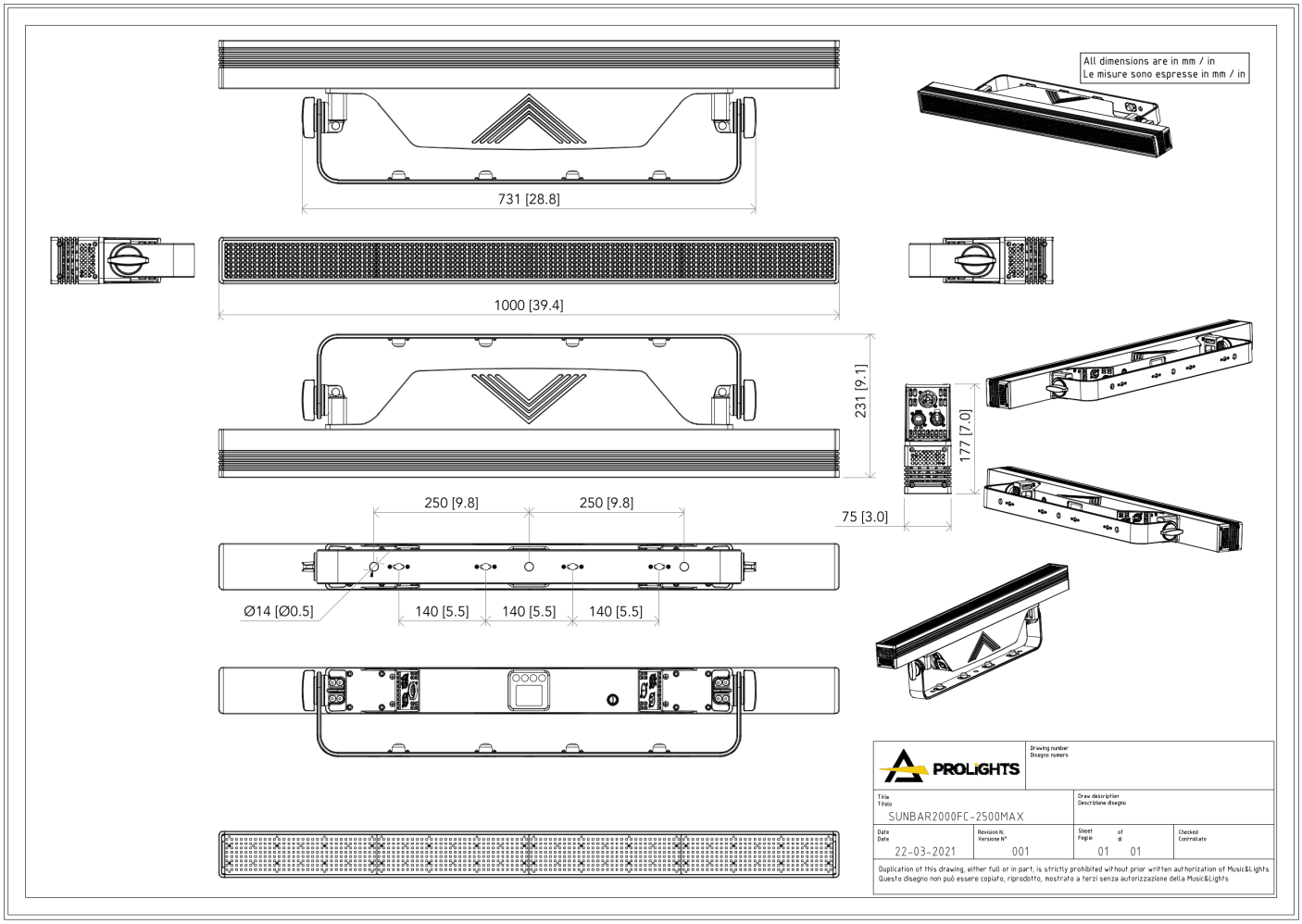
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector



FCLSUNBAR

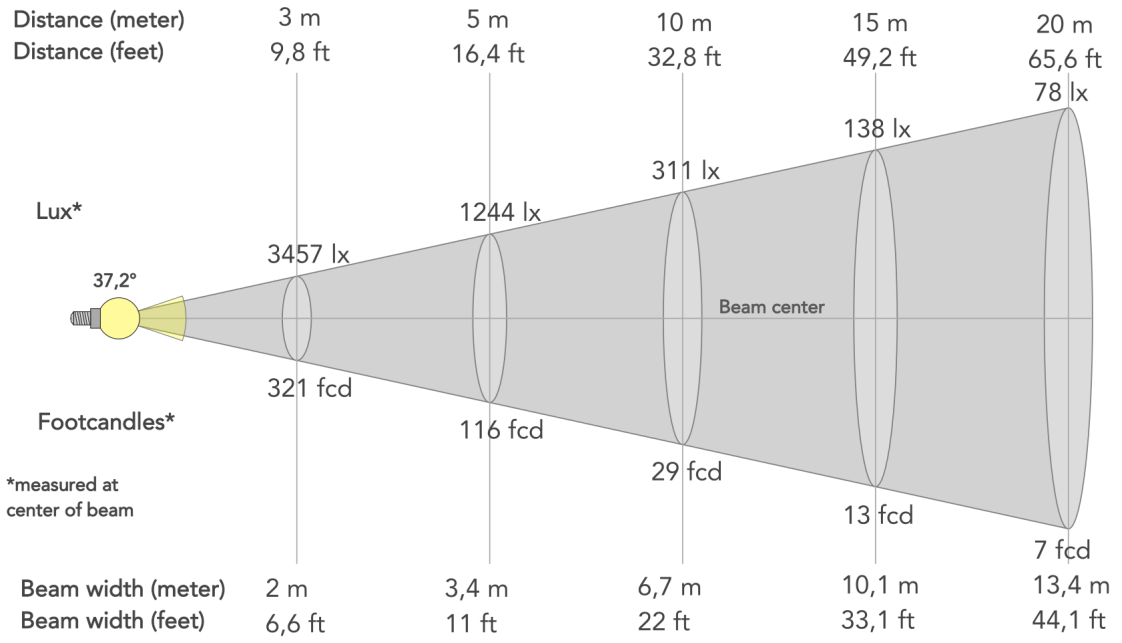
Flight case for 5pcs of SUNBAR

TECHNICAL DRAWINGS



PHOTOMETRICS

Full On - With Lens



Beam angle (50%): **37.2°**	Field angle (10%): **83.8°**	Cut-off angle (2.5%): **97.8°**