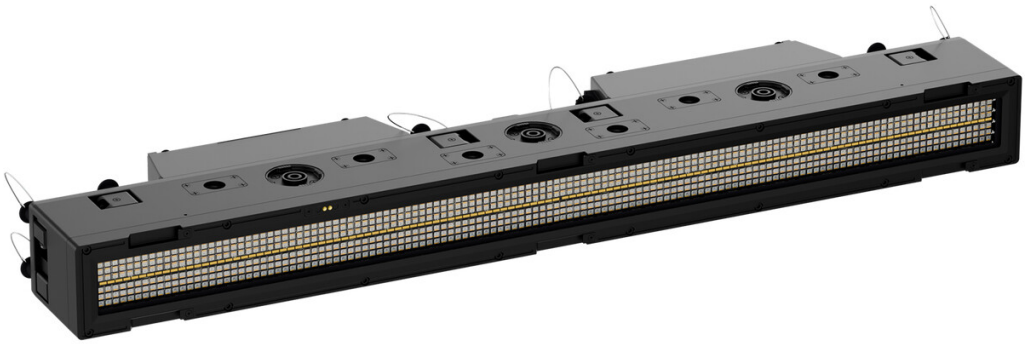
SunBar FLX NEW

ORDER CODE: SUNBARFLX



SOURCE

(Beam 24 px) 120 x 12 White LEDs + (Plate 32 px) 768 x 1,2WW RGB + Warm White LEDs

IP RATING

IP65 for temporary outdoor use

WEIGHT

9,8kg / 21.61lbs

LUMINOUS FLUX (MAX)

92'000 lm

TECHNICAL SPECIFICATIONS

LIGHT SOURCE

Source:	(Beam 24 px) 120 x 12 White LEDs + (Plate 32 px) 768 x 1,2WW RGB + Warm White LEDs
Luminous flux:	Full Power Strobe - Combined: 92'000 lm @Full
Luminous flux:	Full Power Wash - Plate: 26'787 lm @Full
Luminous flux:	Full Power Wash - Beam: 44'786 lm @full
Luminous flux:	Full Power Wash - Combined: 36'557 lm @full
Lux:	Full Power Strobe - Combined: 1'540lx @5 m full
Lux:	Full Power Wash - Plate: 397lx @5 m full
Lux:	Full Power Wash - Beam: 611lx @5 m full
Lux:	Full Power Wash - Combined: 514lx @5 m full
Source life expectancy:	> 20.000 h

OPTICS

Beam angle:	(Plate) RGB+WW: 111° - (Beam) White LEDs: 118°
Field angle:	(Plate) RGB+WW: 152° - (Beam) White LEDs: 152°

COLOUR SYSTEM

Spektra OS:	unmatched color precision and consistency
Colour control:	CCT, RGBW, Colour Macros
CCT:	CCT channel from 2.800K to 10.000K
White presets:	2.800-10.000K

DYNAMIC EFFECTS

Control Resolution:	16-bit dimmer and color control
Pixel patterns:	pre-programmed static and dynamic pixel patterns
FX generator:	adjustable foreground/background colour, index, speed, direction
Frost:	optional electronic frost filter, continuously variable - see available accessories
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, ArtNet, sACN (IGMP v2), CRMX (optional)
DMX channels:	8 / 13 / 21 / 36 / 32 / 42 / 47 / 60ch modular and user-customizable DMX architecture (MCA)
Pixel control:	32 px RGB+WW LEDs + 24 px White LEDs individually select and control sections
RDM:	for remote addressing and parameter configuration
Display:	Graphic User Interface

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TECHNICAL SPECIFICATIONS

ELECTRONICS

Dimmer:	linear 0 - 100% electronic dimmer
Dimmer curves:	5 selectable dimming modes available
Strobe / shutter:	1 - 30 Hz, electronic
Display battery:	optional, self-charging battery backup
Selectable PWM:	1,000 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:	IP65 Seetronic XLR 5p IN/OUT connectors
Wireless Connection:	optional LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
Data connection:	Seetronic Ethernet IP in/out connectors
EtherFlow:	Ethernet pass-through switch that preserves network connectivity even when the fixture is unpowered

ELECTRICAL

Mains power supply:	100-240V - 50/60Hz
Max power consumption (230V):	strobe: 1.200 W (peak) - wash: 450W
Output (at 230V):	2 units on a single power line
Standby power:	5,6 W
Power factor:	> 0,94

PHYSICAL

IP rating:	IP65 for temporary outdoor use
Cooling:	forced-air with low-noise fan
Housing:	Weatherproof IP65 construction with die-cast magnesium alloy
Finish:	black
Operating temperature:	Ta -20 to +45 °C (-4 to +113 °F)
Dimensions (WxHxD):	911 x 86 x 182mm
Weight:	9,8kg

INSTALLATION

Suspension and fixing:	on board mechanics for modular assembly of multiple fixtures
Bracket system:	Several brackets available for simply array mounting - see available accessories
Mounting points:	quick-lock Omega sockets
Hardware on-board:	fast anchor points on the front for accessory mounting and on board mechanics for modular assembly of multiple fixtures
Other:	frontal pins for optional electronic frost filter

CERTIFICATIONS / REPORTS

Compliance:	CE, cTUVus

BOX CONTENT

1 x SUNBARFLX

1 x SBARFLXFLB

1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

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ACCESSORIES & RELATED PRODUCTS



FCLSUNBARFLX
Flight case for 4 pcs of SUNBARFLX



SBARFLXDYNFILT
Electronic frost filter for SUNBARFLX



SBARFLXFLB
Quick-lock rear central mounting bracket designed for SUNBARFLX



SBLFLXB01V
Vertical mounting bracket for 1 SUNBLASTFLX



SBLFLXB02V
Vertical mounting bracket for 2 SUNBLASTFLX



OS25PLUS
Quick-lock omega bracket, M12 hole



OS25H3PLUS
Quick-lock omega bracket, 6 cm height, M12 hole



ECLFRSPG
Spigot for PROLIGHTS fixtures



SBARFLXHB025V
Vertical suspension accessory for SUNBARFLX



SBLFLXHB01H
Horizontal suspension bracket for SUNBLASTFLX



SBLFLXFLR
Floor bracket for SUNBLASTFLX



SBLFLXHHFLRB
Adjustable bracket for hanging or floor mounting of SUNBLASTFLX



HDWK
Wireless kit, compatible with multiple Prolights products



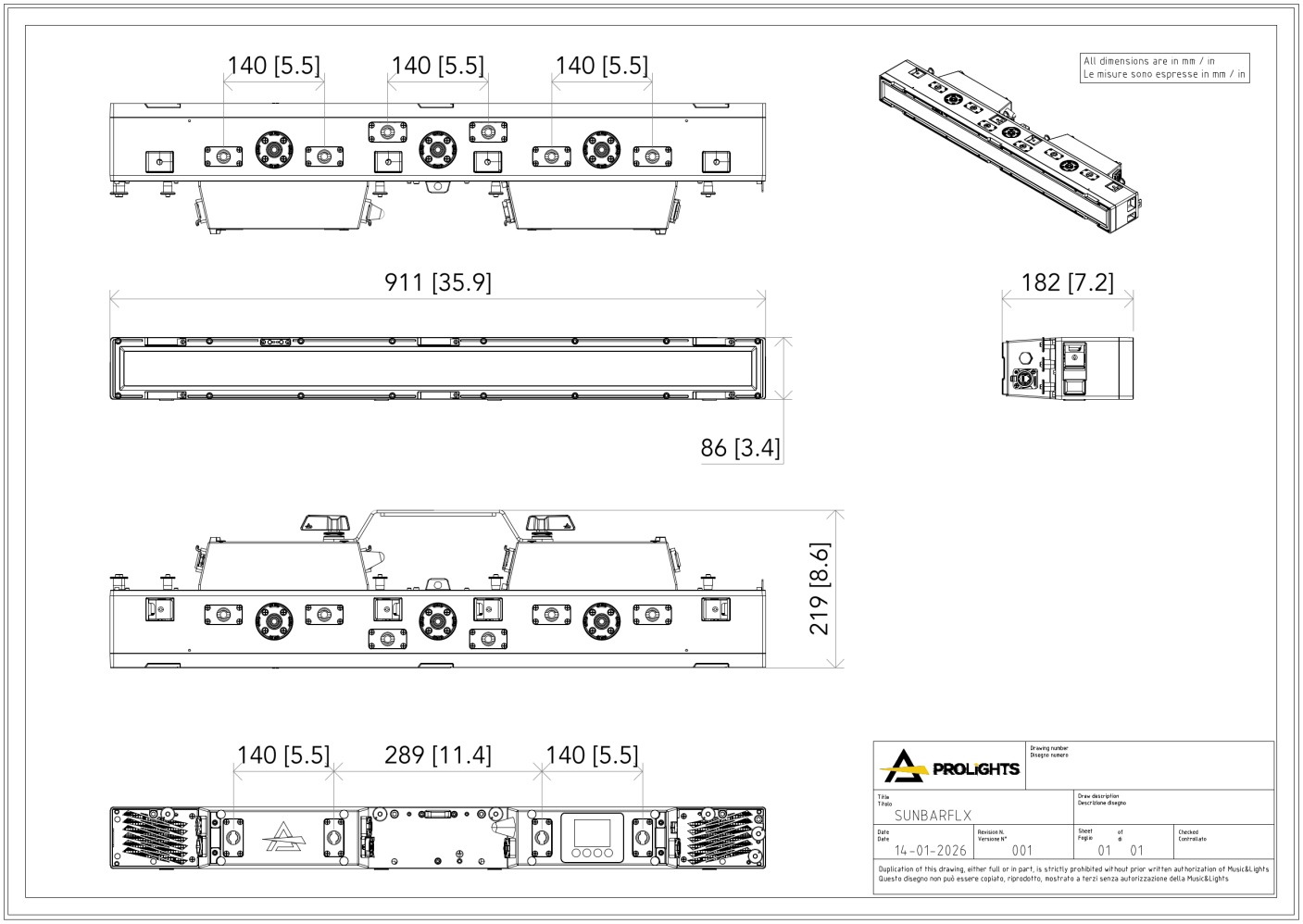
AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



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

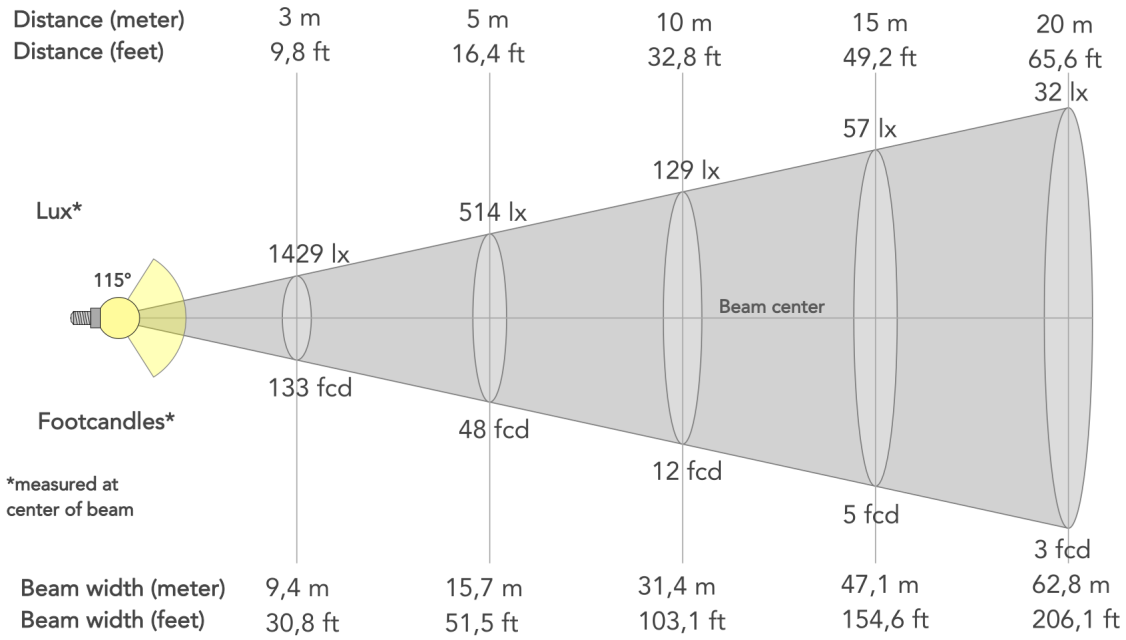
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TECHNICAL DRAWINGS



PHOTOMETRICS

Full On - Beam + plate



Beam angle (50%): **115°**	Field angle (10%): **152.2°**	Cut-off angle (2.5%): **161.5°**

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