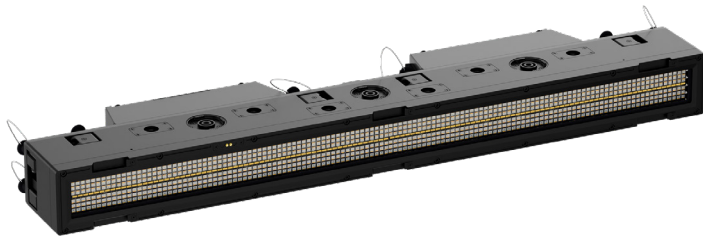


SunBar FLX

IP65 linear LED Strobe with white beam + RGB+WW plate, 1200W peak power

ORDER CODE: **SUNBARFLX**



SunBar FLX is a linear IP65 hybrid LED strobe and wash fixture, expanding the family of bright, modular Sun fixtures for strobes and blinders. It retains the core strengths of the range: versatility, free-form modularity, and extremely high output.

SunBar FLX features a central white LED beam with 24 controllable sections, paired with an RGB + Warm White plate with 32 pixels. This dual-source design delivers an impressive output of >90,000 lumens, with 1200W peak power in strobe mode and 400W continuous power in wash mode. Built for creative applications, **SunBar FLX** supports high-impact modular configurations, advanced pixel effects, and multi-unit clusters for any indoor or outdoor stage.

The colour engine is powered by the Spektra OS ecosystem, providing multiple colour control modes, high-quality whites, and smooth, precise dimming.

Wide native beam angles on both sources make SunBar FLX equally effective as an audience blinder, colour strobe, or wide-area wash. An optional quick-lock electronic frost filter is available to soften and diffuse the output when required.

Designed for fast, tool-free assembly, **SunBar FLX** includes a modular rigging system for vertical or horizontal arrays and cluster setups with other Sun-series fixtures such as SunRise FLX and SunBlast FLX. With an IP65 rating, it delivers reliable outdoor performance, ideal for festivals, events, and temporary architectural lighting. Control options include wired sACN/Art-Net and optional wireless CRMX, ensuring seamless integration into any lighting system.

MAIN FEATURES

- Linear IP65 hybrid LED strobe/wash with white LED beam (24 pixels) and RGB + Warm White plate (32 pixels)
- 1200W peak power in strobe mode and 400W continuous output in wash mode
- Optional quick-lock electronic frost filter for diffused wash and eye-candy looks
- Tool-free modular rigging for horizontal/vertical arrays, compatible with SunBlast FLX and SunRise FLX

TECHNICAL SPECIFICATION

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
- Colour mixing: RGB+WW + White LEDs
- 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 dynamic and static 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

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: 1000 to 25000 Hz (selectable steps)
- Firmware upgrade: 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: 400W
- 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 / 35.87"x3.39"x7.17"
- Weight: 9,8kg / 21.61lbs

INSTALLATION

- Suspension and fixing: hanging bracket for floor positioning with "Quick-Lock" system
- Bracket system: Several brackets available for simply array mounting - see available accessories
- Hardware on-board: fast ancor 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

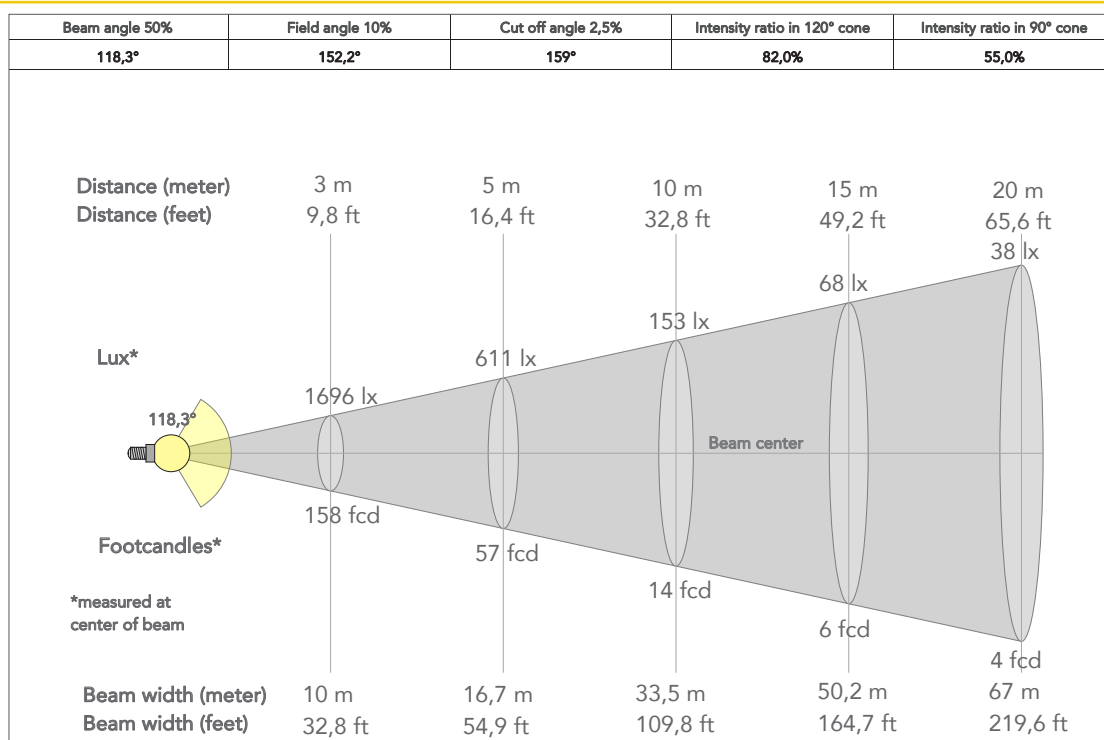
- Compliance: CE, cTUVus
- BOX CONTENT
- 1 x SUNBARFLX
- 1 x SBARFLXFLB
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)
- 1 x User Manual

ACCESSORIES & RELATED PRODUCTS

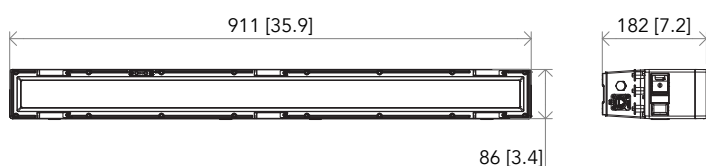
▪ FCLSUNBARFLX	Flight case for 4 pcs of SUNBARFLX	▪ SBLFLXHHFLRB	Adjustable bracket for hanging or floor mounting of SUNBLASTFLX
▪ SBARFLXDYNFILT	Dynamic filter for SUNBARFLX	▪ HDWK	Wireless kit, compatible with multiple Prolights products
▪ SBARFLXFLB	Quick-lock rear central mounting bracket designed for SUNBARFLX	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ SBLFLXB01V	Vertical mounting bracket for 1 SUNBLASTFLX	▪ ÆTHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
▪ SBLFLXB02V	Vertical mounting bracket for 2 SUNBLASTFLX	▪ ÆTHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and POE
▪ OS25PLUS	Quick-lock omega bracket, M12 hole (included)	▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
▪ OS25H3PLUS	Quick-lock omega bracket, 6 cm height, M12 hole	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ ECLFRSPG	Spigot for PROLIGHTS fixtures		
▪ SBARFLXHB025V	Vertical suspension accessory for SUNBARFLX		
▪ SBLFLXHB01H	Horizontal suspension bracket for SUNBLASTFLX		
▪ SBLFLXFLR	Floor bracket for SUNBLASTFLX		

PRESET FULL ON

Beam angle 50%: 118,3°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

Visit our website
for specifications and
tech documentations

