SunBlast FLX

IP65 modular and graphical LED Strobe with white beam + RGB+WW plate, 1200W peak power

ORDER CODE: **SUNBLASTFLX**



The **Sunblast** FLX is a high-performance, IP65-rated LED fixture that combines both strobe and washlight capabilities for versatile applications. Its hybrid design includes a central linear white LED beam that replicates the traditional xenon-bulb filament of classic strobes, alongside RGB+Warm White LED plate that provide intense washlight with superior color rendering, powered by Spektra OS.
With advanced pixel mapping, the **Sunblast** FLX offers precise control over 28 individual pixels - 12 for the white LED strip and 16 for the RGB+WW panel - enabling dynamic effects and creative flexibility. With a peak power output of 1200W when strobing and 400W for continuous floodlighting, it's engineered to deliver exceptional brightness.
Designed for easy, tool-free assembly, the **Sunblast** FLX features a modular rigging system that supports both vertical and horizontal configurations in clusters. Its rugged IP65 rating ensures dependable performance in outdoor environments, making it an ideal solution for festivals, events, and temporary architectural lighting. Equipped with both wired (sACN and Art-Net) and wireless (CRMX) control options, it integrates seamlessly into any lighting system.

MAIN FEATURES

- IP65-rated hybrid LED strobe featuring a white LED strip and RGB+Warm White plate, delivering 1200W peak power in strobe mode and 400W continuous output
- Advanced pixel mapping with 28 pixels: 16 for RGB+WW and 12 for the white LED beam
- Tool-free rigging system supporting both horizontal and vertical modular mounting, with multiple accessory options for versatile setups

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: (Plate 16 px) 1.024 x 1,2W RGB+WW LEDs + (Beam 12 px) 60 x 12W White LEDs
- Luminous flux: Full Power Strobe - Combined: 108'526 lm @full
- Luminous flux: Full Power Wash - Plate: 32'771 lm @full
- Luminous flux: Full Power Wash - Beam: 45'170 lm @full
- Luminous flux: Full Power Wash - Combined: 40'507 lm @full
- Lux: Full Power Strobe - Combined: 1'710lx @5 m full
- Lux: Full Power Wash - Plate: 467lx @5 m full
- Lux: Full Power Wash - Beam: 729lx @5 m full
- Lux: Full Power Wash - Combined: 621lx @5 m full
- Source life expectancy: > 20.000 h

OPTICS
- Beam angle: (Plate) RGB+WW: 112° - (Beam) White LEDs: 49° x 130°
- Field angle: (Plate) RGB+WW: 152° - (Beam) White LEDs: 79° x 155°

COLOUR SYSTEM
- Colour control: CCT, RGBW, HSI, Colour Macros
- Colour mixing: RGB+WW + White LEDs
- CCT: CCT control range from 2.800K to 10.000K, + / - green correction, tungsten emulation
- White presets: 2.800-10.000K
- Macros: Gels library on-board

DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer, colours
- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- 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

BODY
- 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
- Body: weatherproof IP65 construction with die-cast magnesium alloy
- Body colour: black

CONTROL
- Protocols: DMX512, RDM, ArtNet, sACN, CRMX
- DMX channels: 7 / 13 / 21 / 36 / 32 / 42 / 47 / 60channel
- Pixel control: 16 px RGB+WW LEDs + 12 px White LEDs individually select and control sections
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOXPRO/ UPBOX1) not included
- Other: Ethernet pass through in case of failure

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° C / +45° C (-4° F / +113° F)
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: strobe: 1.200 W (peak) - wash: 400W
- Standby power: 7,6W
- Output (at 230V): 2 units on a single power line
- Power factor: > 0,94

PHYSICAL
- IP rating: 65 for temporary outdoor application, not for fixed installations
- Cooling: active, silent operation
- Suspension and fixing: hanging bracket for floor positioning with "Quick-Lock" system
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Data connection: Seetronic Ethernet IP in/out connectors
- Power connection: Seetronic powerCON waterproof IN/OUT connectors
- Dimensions (WxHxD): 460 x 170 x 170mm / 18.11"x6.69"x6.69"
- Weight: 11,6kg / 25.57lbs

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, RCM, FCC, cTUVus

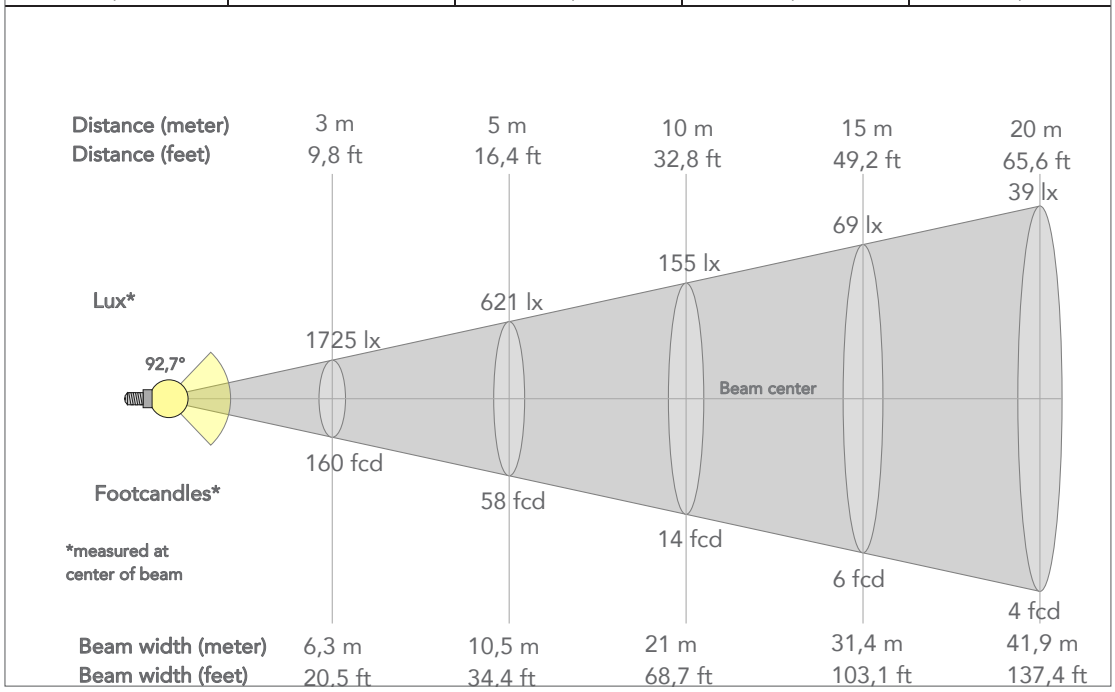
ACCESSORIES & RELATED PRODUCTS

AETHERBOXLITE	1 Universe CRMX Wireless Transceiver
ÆTHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
LRLUNA	Single Universe DMX transceiver with Bluetooth
FCLSUNBLASTFLX	Flight case for 6x SUNBLASTFLX (with and without bracket)
SBLFLXB01H	Horizontal mounting bracket for 1 SUNBLASTFLX (included)
SBLFLXB01V	Vertical mounting bracket for 1 SUNBLASTFLX
SBLFLXB02H	Horizontal mounting bracket for 2 SUNBLASTFLX
SBLFLXB02V	Vertical mounting bracket for 2 SUNBLASTFLX
OS25PLUS	Quick-lock omega bracket, M12 hole (included)
OS25H3PLUS	Quick-lock omega bracket, 6 cm height, M12 hole
ECLFRSPG	Spigot for PROLIGHTS fixtures
SBLFLXFILTHD	High diffusion filter for SUNBLASTFLX
SBLFLXFILTMD	Medium diffusion filter for SUNBLASTFLX
SBLFLXFILTBK	Smoked filter for SUNBLASTFLX
SBLFLXSPACER	Filter spacer for SUNBLASTFLX
SBLFLXBD	Barn door with 4 directional flaps to adjust the light beam for SUNBLASTFLX
SBLFLXHB005V	Vertical suspension bracket for SUNBLASTFLX
SBLFLXHB01H	Horizontal suspension bracket for SUNBLASTFLX
SBLFLXFLR	Floor bracket for SUNBLASTFLX
SBLFLXADPFLR	Adapter plate for stacked floor mounting for SUNBLASTFLX
SBLFLXHHFLRB	Adjustable bracket for hanging or floor mounting of SUNBLASTFLX
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

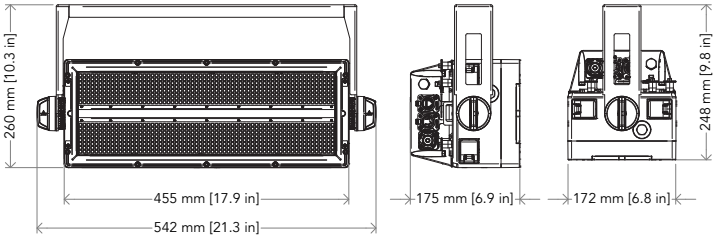
PRESET FULL ON

Beam angle 50%: 92,7°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
92,7°	145°	161,8°	83,0%	55,5%



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

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