Sunblast FLX

ORDER CODE: SUNBLASTFLX



Source

(Beam 12 px) 60 x 12 white LEDs + (Plate 16 px) 1.024 x 1,2W RGB + Warm White LEDs

IP rating

IP65 for temporary outdoor use

Weight

11,6kg / 25.57lbs

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

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PROLIGHTS

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TECHNICAL SPECIFICATIONS

LIGHT SOURCE

- Source: (Beam 12 px) 60 x 12 white LEDs + (Plate 16 px) 1.024 x 1,2W RGB + Warm 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

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

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 5 selectable dimming modes available
- Strobe / shutter: 1 - 30 Hz, electronic
- Display battery: included, self-charging battery backup
- Selectable PWM: 1,000 to 25,000 Hz (selectable steps)
- Firmware upgrade with: via DMX with UPBOXPRO/UPBOX1 (not included)

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: 7,6W
- 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): 542 x 260 x 175mm
- Weight: 11,6kg

CERTIFICATIONS / REPORTS

- Compliance: CE, RCM, FCC, cTUVus

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°

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
- 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
- DMX channels: 8 / 13 / 21 / 36 / 32 / 42 / 47 / 60ch modular and user-customizable DMX architecture (MCA)
- Pixel control: 16 px RGB+WW LEDs + 12 px White LEDs individually select and control sections
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface

CONNECTIONS

- Power connection: Seetronic powerCON waterproof IN/OUT connectors
- Signal connection: IP65 Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated 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

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

BOX CONTENT

- 1 x SUNBLASTFLX
- 1 x SBLFLXB01H
- 1 x OS25PLUS
- 1 x 1,5 meters 3G1,5mmq power cable (BARE END - SEETRONIC POWERCON TRUE1 IP65 power connector)

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ACCESSORIES & RELATED PRODUCTS



FCLSUNBLASTFLX
Flight case for 6x SUNBLASTFLX (with and without bracket)



FCLSUNFLX
Flight case per 6 pcs SUNRISE2FLX/SUNBLASTFLX (with and without bracket)



SRFLXSPC
Spacer for SUN FLX series projectors



SBLFLXB01H
Horizontal mounting bracket for 1 SUNBLASTFLX



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



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



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

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ACCESSORIES & RELATED PRODUCTS



AETHERBOX

IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready



C6002B

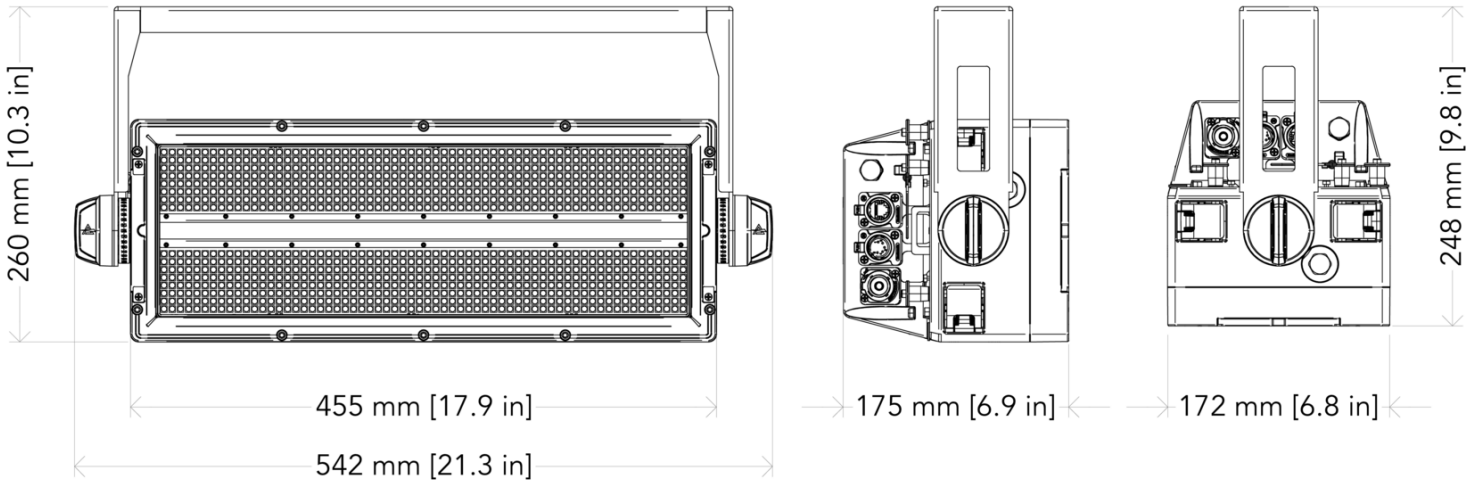
Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White



UPBOXPRO

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

TECHNICAL DRAWINGS



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