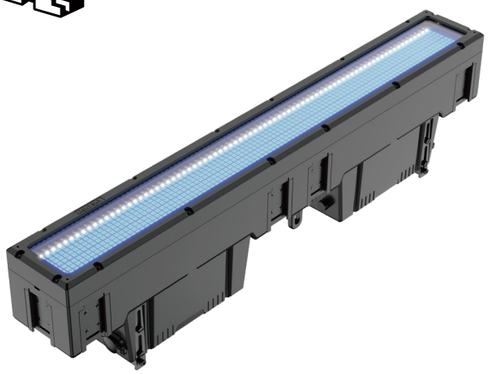
LiGHT SKY



NEW

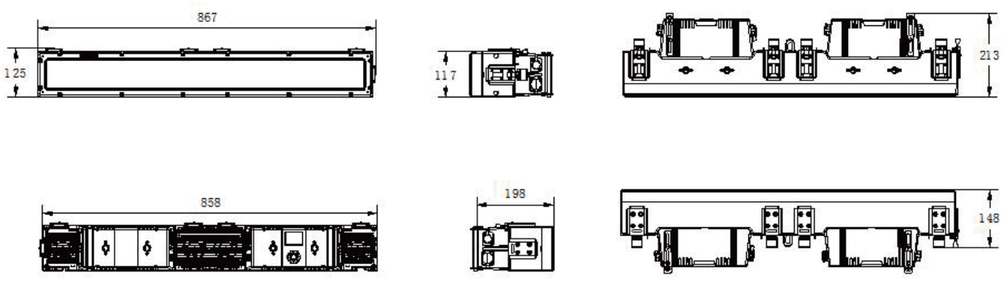
SOUSA

OUTDOOR STROBE LIGHT

FEATURES

- The SOUSA is a waterproof strobe light that integrates both strobe and wash effects.
- It offers rich and dynamic lighting possibilities, allowing seamless transitions between powerful strobe effects and soft wash effects, making it highly expressive for stage performances.
- The fixture features independent control over colored and white light sections. The colored light section utilizes 800 high-brightness and 0.5W RGB LEDs, divided into 40 individually controllable zones, while the white light section employs 160 high-brightness and 5W white LEDs, divided into 20 controllable zones.
- Unlocking limitless lighting possibilities, our smart frost system（optional） offers linear dimming and seamlessly blends zone-controlled color with white light to create a universe of dynamic effects .
- The fixture also includes a dedicated splicing mechanism, enabling quick and easy assembly in both vertical and horizontal configurations.
- With exceptional strobe and wash capabilities housed in a compact body, it is ideally suited for medium to large outdoor events, variety shows, concerts, and similar venues.

Unit: mm



Light source and Optics

- Light source: 160×5W CW + 800×0.5W RGB
- Beam Angle: 74°
- Field Angle: 114°
- Color Rendering Index: Ra≥71
- Colour Temperature Output: 2500K-10000K
- Lumen Output RGB: 14,391 lm
- Lumen Output W: 28,895 lm
- Illuminance: RGB：278 lx @ 5m W：850 lx @ 5m
- Light Source Theory Life Span:≥ 20,000 h

Effects

- Color Mixing System: Uniform RGBW color mixing system with independent control of each color, enabling a wide variety of visual effects.
- Intelligent Frost: Linearly adjustable frost function to enhance color mixing effects.(optional)
- Effect Macros: Static effect macros and dynamic effect macros functions
- Dimming: Electronic dimming with four dimming curves
- Strobe: 1-25Hz electronic strobe and random strobe

Control and Programming

- Control Channels: Standard 21CH，15CH，158CH (see channel chart for details)
- Control Protocols: DMX512, RDM, Art-Net, sACN
- Data Connection: 3 pin or 5 pin XLR IN/OUT, RJ45(Art-Net) In/Out
- Display: LCD screen

Software

- Software upgrade: via DMX interface
- Temperature control: Intelligent system for LED lifespan

Power and Electrical

- Input Voltage Range: AC 100-240V 50/60Hz
- Max Power Consumption：790W
- Input Voltage Range：1200W
- Power Factor: 0.97
- Maximum Current: 8.1A/100V ; 3.6A/220V

Size and Weight

- Product Dimensions: 867mm x 125mm x 213mm
- Net Weight: 14.0 kg
- Carton Dimensions: 955mm × 215mm × 345mm
- Gross Weight: 17.4 kg

Other

- Protection Level: IP66
- Operating Environment: -20℃ ~ 45℃
- Maximum Surface Temperature: 65℃
- Locking System：LiGHT SKY Mortise Locking System

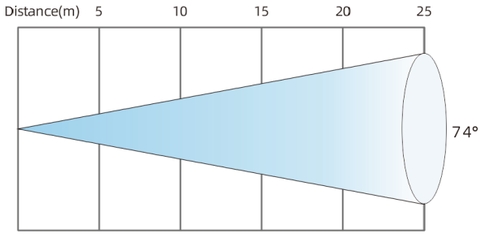
Factory Configuration

- Power Cable: 1 pc (Part No.: F0200030016)
- Signal Cable: 1 pc (Part No.: F0200020008)
- Safety Rope: 1 pc (Part No.: F0200010002)

Optional Accessories/Packaging

- Clamp(LiGHT SKY): Part No.: C0499990075 (Compatible with tubes of Ø40-60 mm)
- Clamp(Neutral): Part No.: C0499990021 (Compatible with tubes of Ø40-60 mm)
- Flycase Part No.: B0101460001 (Without Quick-Release Clamp)
- Flycase Dimensions(4 in 1): 920mm x 790mm x 460mm Gross Weight: 89.3 kg
- Flycase Part No.: Part No.B0101460002 (With Quick-Release Clamp)
- Flycase Dimensions(4 in 1): 920mm x 830mm x 460mm Gross Weight: 92 kg

Illumination Diagram



74°	Lux	5	10	15	20	25
	R	79	20	9	5	3
	G	163	41	18	10	7
	B	28	7	3	2	1
	W	850	213	94	53	34
	RGB	278	70	31	17	11
	RGBW	548	137	61	34	22
	Diameter(m)	7.5	15	22.5	30	37.5

Modularised Effects Series

