LiGHT SKY



NEW

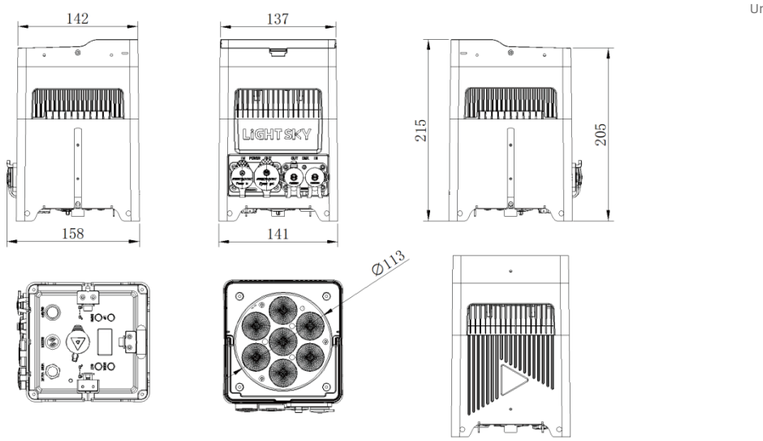
SEA ANGEL-DUAL

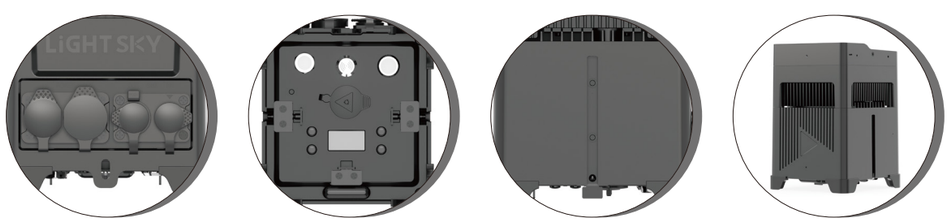
OUTDOOR LED PAR LIGHT

FEATURES

- SEA ANGEL is a portable lithium-battery LED PAR light featuring high-quality RGBALC six-color LED sources, delivering low power consumption, high luminous efficiency, stable performance, and long lifespan.
- It is equipped with a built-in lithium battery, and supports Socket + Battery Version and Battery Version.
- With 62 preset color filters, a CRI of Ra ≥95, and rich, pure color output, it also adopts the self-developed iCC™ LiGHTSKY Colorfy Calibration.
- Rated IP66, SEA ANGEL is suitable for camping, gatherings, and other outdoor applications.

Unit: mm





Light source and Optics

- Light source: 7×18W RGBALC LED
- Mains Mode (LED Power: 65W):
  - 10°Lens: Beam Angle: 14°, Field Angle: 23°
    - Illuminance: 1,120 lx@ 5m, Lumen Output: 2, 073 lm
  - 25°Lens: Beam Angle: 22°, Field Angle: 41°
    - Illuminance: 428 lx@ 5m, Lumen Output: 2, 057 lm
- Battery Mode (LED Power: 30W):
  - 10°Lens: Beam Angle: 14°, Field Angle: 23°
    - Illuminance: 590 lx@ 5m, Lumen Output: 1, 100 lm
  - 25°Lens: Beam Angle: 22°, Field Angle: 41°
    - Illuminance: 220 lx@ 5m, Lumen Output: 1, 083 lm
- Lens Angle: 10°、(optional: 25°, 40°)
- Diffuser: LSD20/LSD30/LSD40/LSD601
- Colour Temperature Output: 1800K - 10000K
- CRI (Ra): Ra up to 95
- Light Source Theory Life Span: 20,000 h
- LiGHTSKY Colorfy Calibration

Effects

- Color Mixing System: RGBALC color mixing system with uniform output and flicker-free performance
- Dimming:16-bit, 0-100% linear dimming with four selectable dimming curves;
- LED refresh rate: 1800 Hz - 25 kHz.
- Multiple preset color temperature effects for direct use in various applications:
- 1800K-10000K linear CCT adjustment, channel control enables saturation adjustment of the selected color temperature.
- HSI Control: Preset HSI function for faster and more accurate linear hue transitions, with linear saturation adjustment
- Color Presets: 46 international color presets, 16 local color presets
- Strobe: 1-25 times per second

Control and Programming

- Control Channels: 13CH, 5CH, see channel chart for details
- Control Protocols: DMX512, RDM, Wireless control, remote controller
- Wireless DMX:Supports CRMX Classic, CRMX2,W-DMX G3, G4, G4S, G5 Protocols
- Data Connection: 3 pin or 5 pin XLR In/Out
- Display: OLED display

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: 93W
- Note: ① Actual LED power consumption: 65W
  - ②Maximum fixture power consumption: 93W (when charging only or when operating while charging)
- Power Factor: 0.99
- Maximum Current: 0.4A/220V; 0.93A/100V

Battery

- Battery Capacity: 28.8 V, 5000 mAh
- Maximum Battery Runtime (Full Output): Up to 4 hours
- Maximum Battery Runtime (Single Color): Up to 12 hours
- Charging Temperature: 5℃ to +35℃
- Charging Time: 2.5 hours
- Battery Lifespan: Retains 80% capacity after 300 charge/discharge cycles

Size and Weight

- Product Dimensions: 158mm × 141mm × 215mm
- Net Weight: 3.6kg
- Carton Dimensions: 340mm × 230mm × 345mm
- Gross Weight: 5.0kg
- Carton Dimensions (6 in 1): 720mm × 720mm × 370mm
- Gross Weight(6 in 1): 32.7kg

Other

- Protection Level: IP66
- Operating Environment:-10℃ - 40℃
- Maximum Surface Temperature: 70℃

Factory Configuration

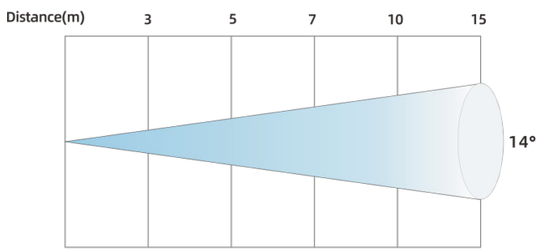
- Waterproof power cable: 1 pc
- Waterproof signal cable: 1 pc
- Remote controller: 1 pc

Optional Accessories/Packaging

- Barn door: 1 option
- Diffuser filters: 3 options (require diffuser holder)
- Dome diffuser: 1 set (requires diffuser holder)
- Mounting: Clamp 1pc (Compatible with tubes of Ø38-52 mm) , folding bracket 1 set and safety cable 1 pc
- Housing: 3 colors options
- Flycase Part No.: B0101560001(with charging function)
- Flycase Dimensions(6 in 1): 700mm × 550mm × 465mm
- Flycase Gross Weight(6 in 1): 54.2kg

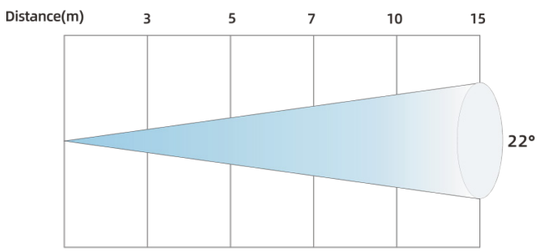
Illumination Diagram

10°Lens



14° Lx	3	5	7	10	15
R	503	181	92	45	20
G	958	345	176	86	38
B	164	59	30	15	7
A	750	270	138	68	30
L	1400	504	257	126	56
C	194	70	36	18	8
RGBALC	2842	1023	522	256	114
Diameter(m)	0.74	1.23	1.72	2.46	3.69

25°Lens



22° Lx	3	5	7	10	15
R	189	68	35	17	8
G	358	129	66	32	14
B	58	21	11	5	2
A	264	95	48	24	11
L	508	183	93	46	20
C	156	56	29	14	6
RGBALC	1067	384	196	96	43
Diameter(m)	1.17	1.96	2.73	3.89	5.85