

ALPHA-1

strike the darkness



Portable, ultimate high intensity
LED Searchlight



Japan Cell

Portable, ultimate high intensity LED Searchlight

Features of "ALPHA-1"

Super high luminous LED

- Function instantly: light/blink/off
 - LED life more than 10,000hrs
 - Extremely uniform irradiation
 - High luminous efficiency and low heat generation
 - Tremendously brightness
- The light illuminated from 1.5 km away keeps the illuminance enough to read the newspaper



One-piece structure with built-in battery

- Rechargeable high performance lithium ferrite batteries with flame retardancy
- Continuous usage of 50 minutes
- Excellent portability
- Lightweight body of about 4 kg

Excellent weather and impact resistance

Waterproof & Dustproof (IP67)

- Using safely under harsh environments such as bad weather, high temperature, high humidity, etc.
- 6 directions 1 m drop test clear

Applications

Disaster relief	-Searching activity (disaster area, distress accident, etc.) -Rescue in the dark place (power outage, night time, etc.)
Guard and monitoring	-Border security -Coast guard -Prevention of smuggling -Plant security
Riot control	-Control without guns -Control reckless vehicles
Anti-drone	-Searching & tracking drone -Recording interference



the light of "ALPHA-1" from a distance of 1.5 km opposite the lake

Specifications

Lighting source	Super high luminous LED/80w
Lighting mode	Light/Blink
Beam intensity	3,100,000cd
Irradiation angle	Flood mode: 14° / Spot mode: 2°
Irradiation area from 1.0km away	Flood mode: Φ250m Spot mode: Φ 35m
Battery	LiFePO4 (Lithium ferrite batteries) *Rechargeable
Battery Life	Lighting 50 min. / Blinking 150 min. *External power source and Expansion battery can be used
Dimension	Flood mode: 526 x 133 x 230 mm Spot mode: 612 x 133 x 230 mm
Weight	4.2 kg (Main body: 3.0kg, Battery: 1.2kg)

Accessories

- Rechargeable battery
- Battery charger
- Sling
- Hard case

Options

- Floating soft case
- Expansion battery
- Tripod
- External power unit

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