



# NITECORE FLS360 360 Degree Illumination Field Lighting System User Manual

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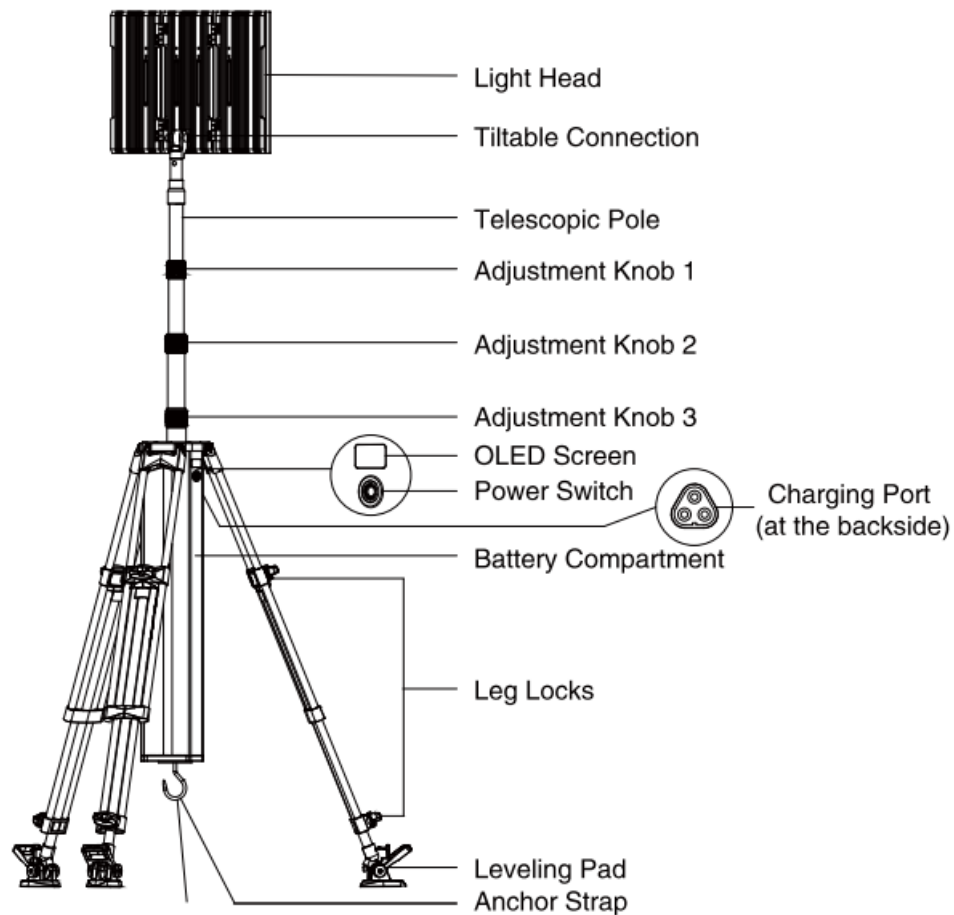
# NITECORE

NITECORE FLS360 360 Degree Illumination Field Lighting System



## Features

- 360° Illumination Field Lighting System
- Utilizes CREE XM-L2 LEDs
- Ultra-high output up to 22000 lumens
- A peak beam intensity of 201,200cd and a throw distance up to 897 meters
- Suitable for outdoor, construction site, square or other areas requiring wide range illumination
- Crystal Coating Technology combined with "Precision Digital Optics Technology" for extreme reflector performance
- Integrated high efficient constant circuit provides max runtime of 40 hours
- brightness levels available
- The support includes tripod and telescopic poles
- Max extendable height up to 3.8 meters, meets the demands in various scenarios
- Built-in OLED screen displays brightness levels, battery voltage, runtime and more
- Aerospace aluminum alloy



## Accessories

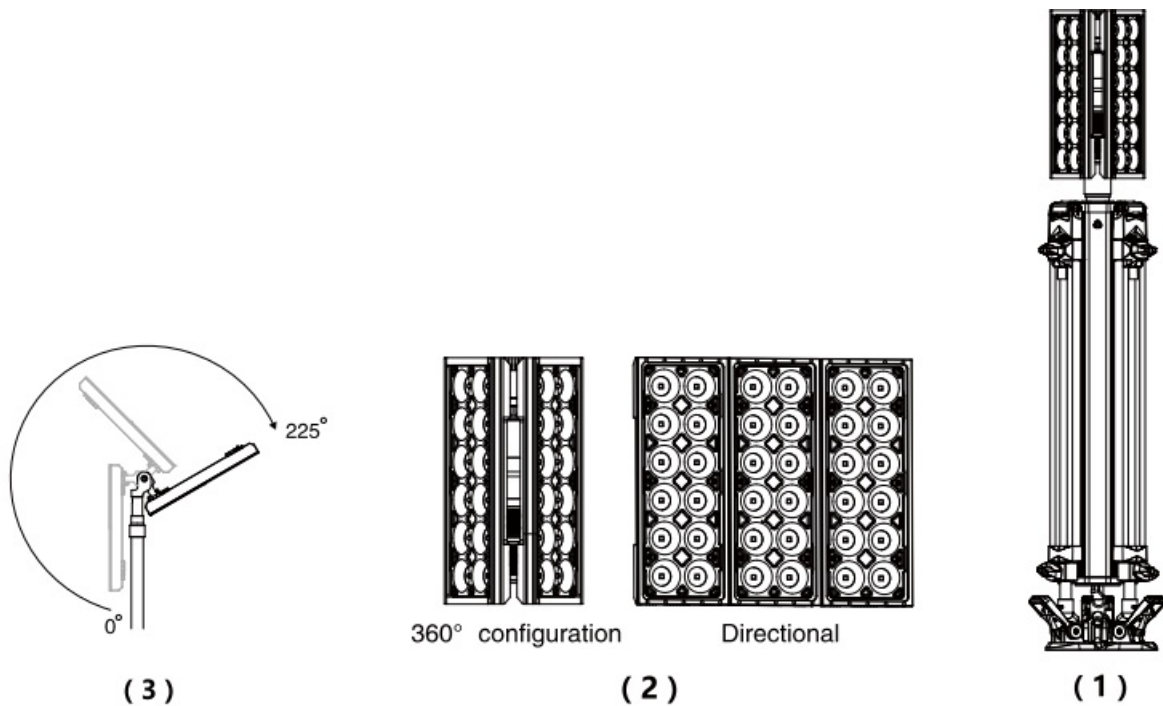
AC adaptor, high quality and portable nylon bag

## Specifications

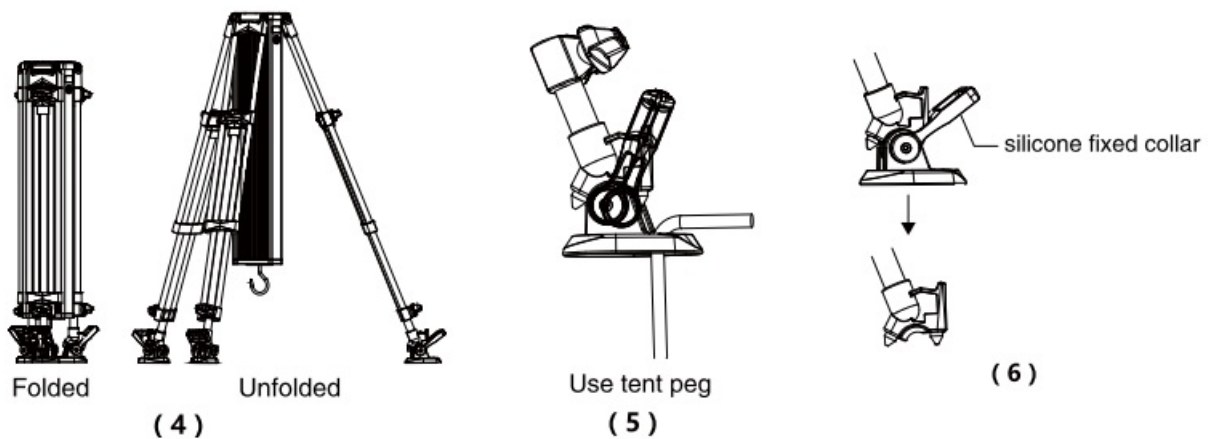
Dimensions	φ0.22m ( 0.72ft ) x 1.02m ( 3.35ft )			Height	MAX	3.8m ( 12.47ft )
Weight	13kg ( 28.66lbs )				MIN	1.02m ( 3.35ft )
Brightness	Turbo	200W	22000 lumens	Battery life	Turbo	3h
	High	75W	10000 lumens		High	8h
	Middle	33W	5500 lumens		Middle	18h
	Low	15W	2000 lumens		Low	40h
Battery capacity	600Wh ( 48×18650 Li-ion, 3400mAh )			Battery voltage		11.1V
Charging time	8h			FLS360 rating		IP66
charger	AC input 100 ~ 240V DC output 15V/19A			Charger rating		IP67

## Deploying the FLS360

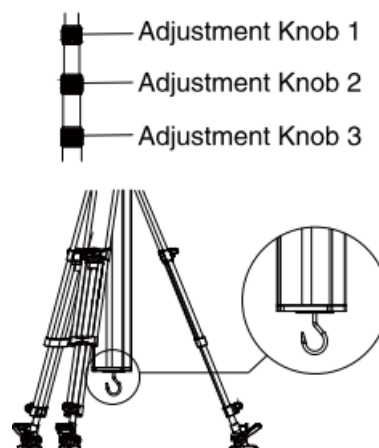
- Set the FLS360 down vertically on a flat surface, and open the nylon bag as shown in diagram (1).
- Adjust the light head which is constructed by 3 light panels. The light panels are flexible and adjustable (for directional or 360°configuration) as shown in diagram (2). The angle can be adjusted by the Tiltable Connection as shown in diagram (3).



- Unfold the tripod, there is an Leg Lock on both ends of each tripod. Extend the tripod based on preference by loosening the Leg Locks in anti-clockwise direction, and when the desired length is displayed, screw the Leg Locks clockwise. After unfolding, use the tent peg to fix the FLS360 on the ground as shown in diagram (4) and (5).



- There is a detachable Leveling Pad on the end of each leg, which can be adjusted according to the terrain.
- After disassembly, one can plug the pipe into the sand or the ground of soft soil as shown in diagram (6).



- An anchor strap is below the battery compartment. In case of heavy wind, attach a sand bag (or equivalent weight under 5kg) to the anchor strap to reinforce stability.

## ON/OFF

- Turn on: When the FLS360 is off, tap the power switch to enter low mode. At this time, the OLED screen displays the current mode and output, after about 2 seconds, it will display the battery voltage, runtime and remaining power level. The blue power indicator will lit.
- Turn off: When the FLS360 is on, press and hold the power switch to turn off the light. At this time, the OLED screen displays battery voltage and remaining power level and then goes out after about 10 seconds. The blue power indicator will blink slowly.

## Warning

- Application temperature: -20°C ~60°C, when the temperature of the operating environment is below -20°C, please place it in a normal temperature environment for half an hour before use.
- When the FLS360 is on, the light head will generate heat. Please keep at least 0.5 meter away from it.
- When the FLS360 is used for extended periods of time, DO NOT touch the light head in case of scalding.
- After use, MUST wait for cooling down before storing.
- Avoid direct eye exposure.
- Children under 18 years old must be supervised by an adult when using the FLS360.

## Adjusting Brightness

The FLS360 will enter the Low mode when it is turned on, tap the power switch repeatedly to cycle through “Low-Mid-High-Turbo”.

## Lockout and Unlock

When the light is off, press and hold the power switch for over 2 seconds to lockout, and the blue indicator will go out. In lockout status, it prevents accidental activation and hardly consumes power. If the power Switch is tapped while in lockout, the blue indicator will illuminate and go out after 2 seconds. To unlock, press and hold the power switch for over 2 seconds.

## Charging

- Insert one end of AC adaptor into the charging port and the other end into a power socket (dedicated car adaptors is optional).
- When the FLS360 is turned off while charging, the maximum charging current is 10A.
- When the FLS360 is turned on while charging, the charging current is 3A.
- If charging via a car adaptor, the charging current is 3A. If using the light while charging, Turbo and High are not accessible.

NOTE: One must start the car before charging the FLS360 via a car adaptor.

## Charging Tips

	Indicator	OLED screen	
Charging	Blink	Battery Voltage	Power Level
Charging completed	Constant on	Battery Voltage	Full Power Level
ERROR	Fast blink	ERROR	

## **NOTE:**

- When the FLS360 is switched off while charging, it takes about 8 hours to refill the battery. (it may vary due to different environments and battery health status)
- Please recharge the battery in the temperature between 0°C ~45°C.

## **Protection**

- The built-in battery has protective circuit to prevent the battery from overcharging, over-discharging, over current and short circuit.
- When the battery voltage is low, the FLS360 automatically lowers its output to protect battery.
- If one light panel turns off due to malfunction in Turbo mode, the FLS360 will automatically lower its output to High Mode; if two light panels turn off due to malfunction in Turbo or High mode, the FLS360 will automatically lower its output to Middle Mode.

## **Storing the FLS360**

- Turn off the FLS360.
- After the FLS360 is turned off, please wait for 10-20 minutes and fold until the temperature of the light heads drop in case of scalding.
- Retract the telescopic pole. Hold the pole above the Adjustment Knob 3 and then loosen it, retract the poles and then tighten the Adjustment Knob 3. Adjust the length of other poles via the Adjustment Knob 2 and Knob 1 by the same way.
- Put the light heads back into the Stored Position. Adjust the light heads to 0° as shown in diagram (3);
- Adjust 3 light panels to 360° configuration.
- Fold the tripod. Pull out the tent peg, hold the tripod and loosen the Adjustment Knob of the tripod.
- Retract the tripod and then tighten and fold the tripod.
- Put it into the nylon portable bag.

## **Maintenance**

- If the FLS360 is stored for a long time, charge it for 5 hours semiannually.
- Keep the light head clean for fear that affecting the heat dissipation of the light panels and light transmittance of the lens.
- Regularly check the Tiltable Connection between the light head and telescopic poles, if it is too loose, use wrench to screw up the spindle nut.

## **Caution**

- Watch your hands when folding the light heads, telescopic poles and tripod.
- The FLS360 is high after it is deployed, please assess the use environment and take protection measures to avoid roll over.
- The Tiltable Connection between the light head and the telescopic poles is fragile, please focus on the support part when carrying and DO NOT catch the light head only.

- Lockout the FLS360 by long pressing the switch before storing it to avoid accidental activation.
- It can be used in raining or even rainstorm environments.
- DO NOT immerse the part above battery compartment into water.

## Warranty Service

All NITECORE products are warranted for quality. All defective/ malfunctioning NITECORE® products will be repaired free of charge for a period of 12 months from the date of purchase. After 12 months, a limited warranty applies, covering the cost of labor and maintenance, but not the cost of accessories or replacement parts. The warranty is nullified in all of the following situations:


- The product(s) is/are broken down, reconstructed and/or modified by unauthorized parties
- The product(s) is/are damaged through proper use.

For the latest information on NITECORE® products and services, please contact your national NITECORE distributor or send an email to [service@nitecore.com](mailto:service@nitecore.com) The Nitecore official website shall prevail in case of any product data changes.

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## Documents / Resources

	<p><a href="#">NITECORE FLS360 360 Degree Illumination Field Lighting System</a> [pdf] User Manual          FLS360, 360 Degree Illumination Field Lighting System, Illumination Field Lighting System, Field Lighting System, FLS360, Lighting System</p>
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