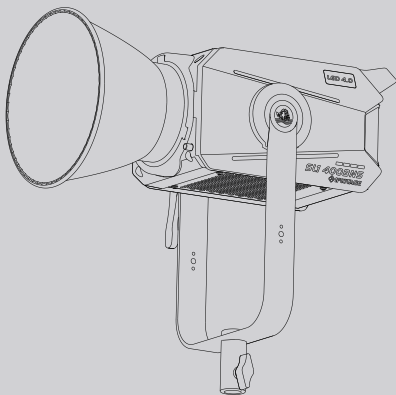




SL1 400BNS LED Light User Manual



Thank you for choosing iFootage. This manual contains important user information for the SL1 400BNS LED Light. We recommend reading it carefully before using the equipment and keeping it in a safe place for future reference.

The SL1 400BNS is a convenient and versatile LED light with bi-color temperature capabilities. It is suitable for video and photography production, offering adjustable brightness ranging from 2700K to 6500K. 10 different special effects and mobile device APP connectivity providing multiple settings including preset. This flexible and compact light is perfect for both studio and location recording.

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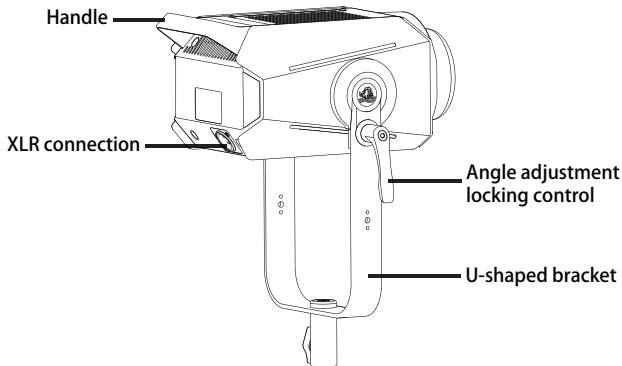
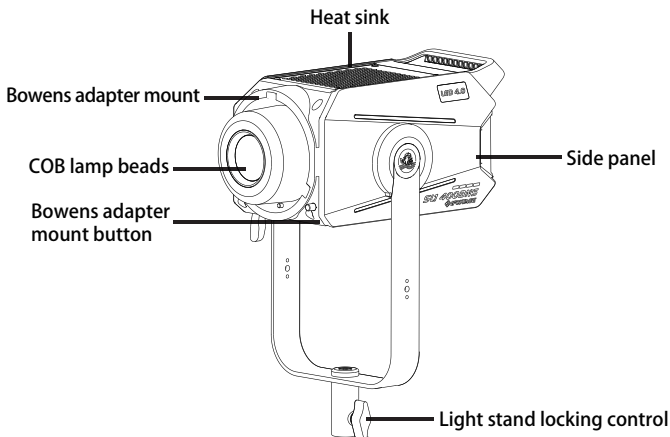
Features

1. The SL1 400BNS light has fully adjustable angles, provides simple onboard controls as well as App control and can be securely mounted on a light stand or with any other suitable support equipment.
2. Adopting remote light control, the operation is more flexible and free.
3. The SL1 400BNS provides a sunlight spectrum light source, RA 98, high colour fidelity, realistic and saturated colour IES TM30-18 index, Rf 98 and Rg101.
4. The colour temperature dynamic adjustable range is 2700K-6500K.
5. The 400BNS offers 10 different special lighting effects designed to suite various scenarios.
6. There are 4 types of dimming curves to choose from.
7. Connecting to the App via Bluetooth will provide further functions such as preset, multi-lamp control and music mode.
8. Within preset and sequence dimming you can set the light source playback settings according to your personal preference and save different preset scenes for quick deployment and repeatable use.
9. There are 3 fan settings: 'Quiet' , 'Auto' and 'Ultra Quiet', it will automatically adjust fan speed to accommodate the temperature of the light when fan in Auto mode.
10. The light comes with a Standard Bowens mount and DMX connector, allowing it to be used with other light attachments that also accommodate a Standard Bowens mount. For additional DMX operation please visit www.ifootagegear.com to access a detailed user guide.
11. To ensure the lights reach their full potential life, they are equipped with a high-temperature alert and an automatic heat protection function. These features help protect the lights from overheating and extend their lifespan.

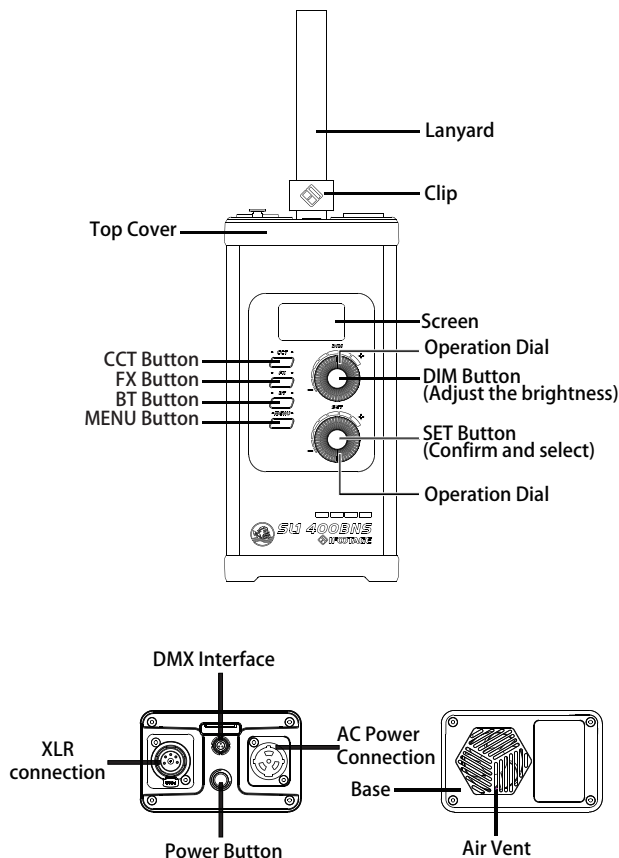
Precautions:

1. Keep dry. Do not expose the product to water, liquids, rain or moisture either whilst in use or when in storage. It is recommended that the product should not be handled using wet hands.
2. Do not disassemble or modify the product. Mishandling, including dropping the product, may result in permanent damage.
3. Please keep this product out of the reach of children and animals.
4. Do not use or store the light in the vicinity of harmful chemicals or combustible materials. Always read the warning labels prior to using the product.
5. Please use appropriate control unit adapters for power supply and temperature specifications and range.
6. The effectiveness of the lamp will be impaired if the heat sink is blocked or covered.

Component Description



Component Description



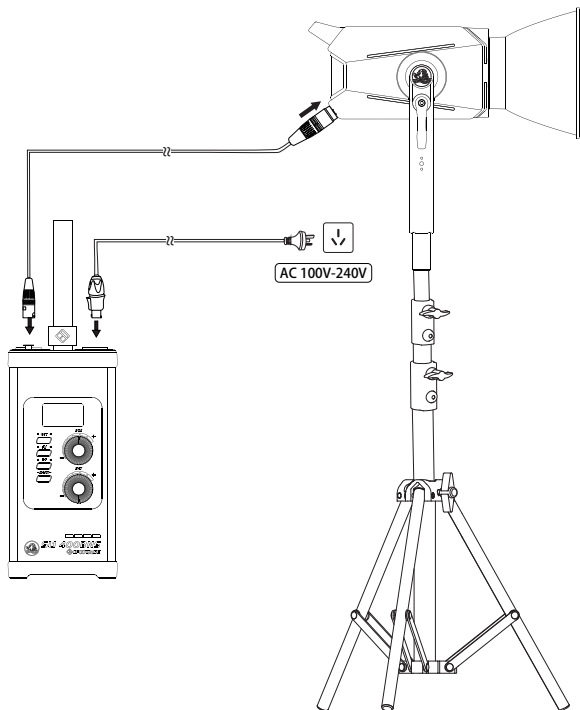
Power Management

■ Power Supply:

Insert AC power interface for power supply

Control unit power supply: Input AC 100V-240V~50/60Hz Output DC 65V

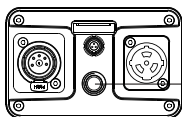
**To remove the power cable, please press the spring loaded cable release button and carefully pull out of housing. Do not force.*



**The light stand referred to in this manual are not included with the product.*

Operating Description

Controls Description



Power button:

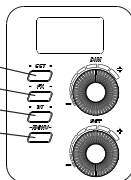
- Short press: on
- Long press: off
- Short press: Temporarily turns light off/on

CCT Button: Short press for colour temperature mode

FX Button: Short press for special effect mode

BT Button: Short press for Bluetooth settings

Menu Button: Short press for menu settings



DIM button



Rotate to adjust brightness.

Short press repeatedly to use preset brightness: 20%, 40%, 60%, 80% and 100%.



SET button



Rotate: move up and down options / switch between modes.

Press: CCT mode: multiple taps to quickly select the built-in colour temperature.

FX mode: Move the cursor to confirm the current option, switch between special effect type, brightness, speed / frequency / attenuation respectively.

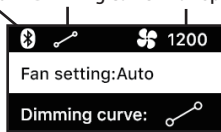
BT mode: Determine whether to select Yes or no.

Menu mode: Fan settings, dimming curve, DMX settings, studio mode, language, restore Factory Settings.

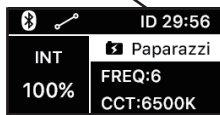
DMX Settings: Short press to change DMX address; Channel settings.

Screen Description

Bluetooth Dimming Curve Fan Speed/Device ID Code Switch



Sub-Menu Bar



Brightness percentage

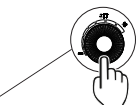
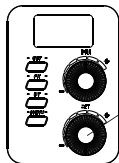
Parameters

Mode Selection

■ Colour Temperature Mode

The adjustable parameters for colour temperature range from 2700K-6500K and a brightness range of 0%-100%. Press the CCT key to use the colour temperature mode and adjust the colour temperature by rotating the SET key.

Press the DIM control and click the brightness adjustment control to quickly and easily switch between brightness levels 0%→20%→40%→60%→80%→100%. Multiple taps quickly select built-in color temp (2700K, 3200K, 4300K, 5600K, 6500K).



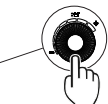
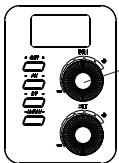
Multiple clicks will quickly access built-in colour temperatures: 2700K, 3200K, 4300K, 5600K and 6500K.

1200	
INT	CCT
100%	4500K

■ Special Effects Mode

There are 10 special effects including: CCT Cycle, TV, paparazzi, lightening, welding light, pulsing light, explosion, fireworks, faulty bulb and strobe light.

The corresponding parameters can be adjusted according to the effect being used. Press the FX Button to access the special effects mode; Place the cursor on special effects mode and select FX, brightness, speed/frequency and attenuation using the SET button. Rotate dial to select special effect and chosen parameter changes.



In lighting effect mode, rotating the dimmer control will adjust brightness.

1200	
INT	Welding
100%	SPEED:50%
	MIN INT:0%

- Special effects mode
- Adjustable parameter values
- Brightness parameters

Menu Features

Fan Speed Adjustment

Fan speed can be adjusted to suit usage. There are 3 fan settings: 'Quiet', 'Auto' and 'Ultra Quiet'.

To access the sub-menu directory, press the MENU button on the control unit.

Rotate the SET dial to select the fan settings, and press the SET button to switch fan modes.

Note: Do not block or cover the heat sink and always ensure the light has adequate air circulation.

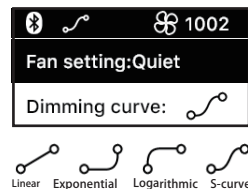


Dimming Curve

This is a means of pre-setting the dimming light function using one of four dimming curves: linear, exponential, logarithmic and S-curve. Each one provides an alternative type of dimming.

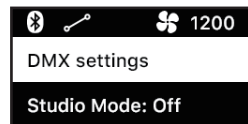
To access the sub-menu directory, press the MENU button on the control unit.

Rotate dial to select the dimming curve, and press the SET button to switch curve modes.



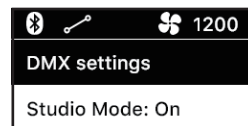
DMX settings

Press the MENU button on the control unit to enter the sub-menu directory. Rotate the SET dial to select DMX settings, and press the SET button to enter DMX settings. Rotate the SET dial to switch DMX address/channel modes.



Studio Mode

This setting provides a 'failsafe' should the light have a power outage/failure. In Studio Mode the light will automatically re-set itself once power is restored (no need to use the power-on button). It will also restore all of your previous parameters and settings. To access Studio Mode simply select MENU button on the control unit, press the SET key, enter the sub-menu and rotate through to locate Studio Mode.



Menu Features

■ Language settings

On the control unit, select Menu→press SET to enter sub-menu→select language by rotating SET→press SET to switch between Chinese and English.



■ Restore Factory Settings

On the control unit, select Menu→Press SET to enter sub-menu→select Restore Factory Settings by rotating SET→Press SET to confirm. Restoring factory settings will delete all data set by the user, so please use it carefully.



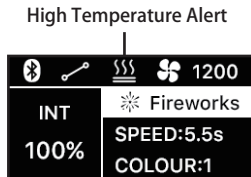
■ Temporary Lamp Shutoff

Press the power button to turn the light off, and press the power button again to turn the light on. Temporary light shutoff is a low-power mode. When the product is not in use, please check to make sure the product is fully shut down.



■ High Temperature Alert

When the display shows the 'Overheating Protection' warning, the brightness will be reduced. It is recommended to turn the lamp off, and then continue to use after the overall temperature of the light has reduced. Long-term use of this product in high temperature conditions will affect the life of the device.



Bluetooth Connection

■ Bluetooth Connection and Reset

1. To set up the Bluetooth connection, download the Lumin+ App to your mobile device (smartphone or tablet) and register. Then, open the Lumin+ App and create a new project. Once in the project, search for available devices and select the appropriate device using its name or code to establish the Bluetooth connection. A successful connection will be indicated by the light blinking three times. From the project device list, you can choose to control a single device or multiple devices. The Bluetooth icon will appear on the status bar, allowing you to adjust the internal lighting values. If the APP displays a Bluetooth connection failure, make sure your mobile device has Bluetooth enabled or reset Bluetooth on the product and try to reconnect.

2. Bluetooth Reset: To reset the Bluetooth, perform a long press on the BT button on the control unit. During the reset process, the Bluetooth icon will flash, and the screen will display "BT reset." rotate the SET key to select "Yes/No", press "Yes" to reset the Bluetooth, press "No" to exit the Bluetooth reset page.

Icon display after
successful Bluetooth
connection



Bluetooth reset

Note:

1. Please reset the Bluetooth on the device first, otherwise the device will not be found.
2. The 400BNS and mobile device connection use Bluetooth BLE5.1 technology. Prior to opening the App to connect please ensure that Bluetooth has been enabled on your device. If using Android, you will need to enable Bluetooth on the APP also.
3. The Lumin+ App currently supports iOS 12.0 and above. It also supports mobile devices with Android 8.0 and above.
4. After connecting the device to the Lumin+ App via Bluetooth please ensure that, when prompted to make a firmware update, the battery power for all devices is sufficient to support the duration of the update.

APP Introduction

■ APP Overview

The Lumin+ App has multi-light control, Preset and music mode. For additional modes please download the Lumin+ App or visit www.footagegear.com to access a detailed App user guide. To download the APP, please scan the QR code or search for Lumin+ App. For more information please visit www.footagegear.com after registering you can operate the product using the APP, however should you change to another mobile device, the product will be reset via Bluetooth, after which you can use the APP connection.



APP QR Code



Official Website
QR Code



■ Preset and Sequences

Within the Lumin+ APP, you can adjust the preset settings which can then be added to any sequence. By setting a flashing sequence layout, cycle mode, fade time, duration, etc. you can then switch between scenes and control and play the lighting effects wirelessly.

■ Multi-light Control

Within the App's project device list, you can choose to add multiple lights to a project. By setting preset on each light you can create a multiple light sequence.

■ Music Mode

Music mode has a variety of ambient colours that react and change according to the music.

■ Special Effects

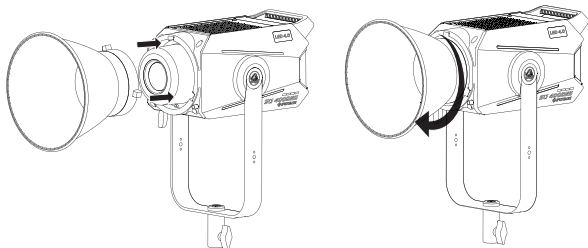
The Lumin+ APP has 10 internal effects, and more parameters can be set in the APP according to your lighting needs.

Accessory Installation

The SL1 400BNS LED light comes with its own Standard Bowens mount and can be used with other light accessories which accommodate a Standard Bowens adapter such as Fresnel attachment, softbox or beauty dish etc.

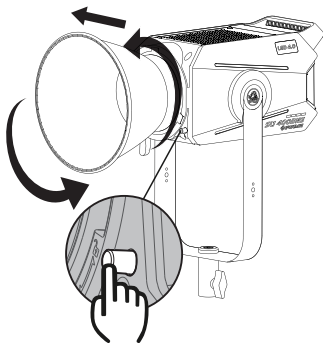
■ Reflector Installation

To attach the reflector, align the three tabs with the lamp head and then rotate them to lock it in place.



■ Reflector Removal

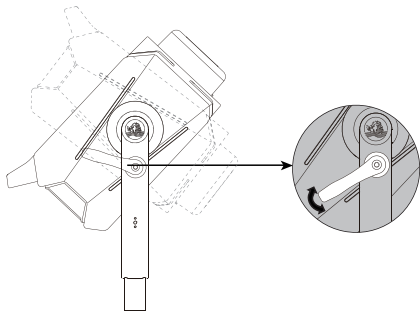
To remove the reflector, push the reflector release button on the lamp head and then rotate the reflector anti-clockwise.



How to Use

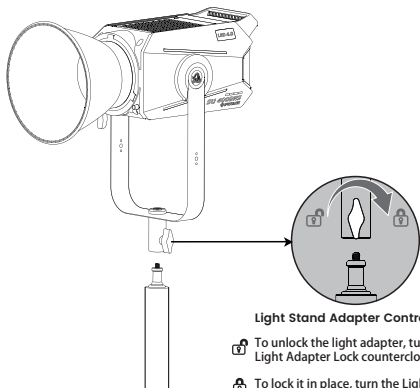
■ Adjustable Spotlight Angle

The angle of the light can be easily adjusted by turning the angle handle anti-clockwise. To lock it back in place, turn it clockwise.



■ Usage

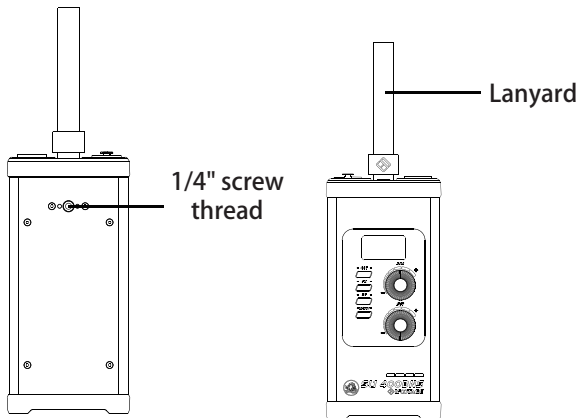
The 400BNS can be attached to a light stand or other suitable support accessory.



How to Use

■ Control unit

The control unit has a convenient attachment lanyard and 1/4" screw thread at the rear so that it can be safely attached to a magic arm, grab clamp or other appropriate support accessory.



Product Specifications

Product Name	LED Light
Model	SL1 400BNS
Operating Voltage	Input AC 100V-240V~50/60Hz Output DC 65V
Overall Power	480W
Light Output Power	400W
Materials	Aluminium alloy, stainless steel, plastics
Bare Light Size	278 X 340 X 210mm
Bare Light Net Weight	2.7Kg
Power Supply Size	103 X 217 X 65 mm
Power Supply Net	1.2Kg
Working Temperature	-15°C~45°C
SSI CIE-D55 *	84
SSI CIE-D27 *	91
IES TM-30 *	Rf98 Rg101
CQS *	96
CRI *	98
TLCI *	99
Colour Temperature*	2700K~6500K
Brightness Range	0%~100%
100% Illuminance (5600K) *	≈12500 LUX (main lamp, distance 1 meter)
100% Illuminance (5600K) *	≈52500 LUX (with reflector, distance 1 meter)
Control Method	Bluetooth APP control, manual button control
Wireless Frequency	2.4GHz
Bluetooth Transmission Distance	15 meters(no interference)
Display Type	Monochrome OLED

*Note: The above data is based on iFootage Lab tests and there may be some variation in values with data marked with an asterick *

Brightness Data

CCT	Distance	1m (Lux)	3m (Lux)	5m (Lux)
2700K	LED only	8800	1000	350
	With reflector	36500	2800	1050
3200K	LED only	11000	1100	450
	With reflector	46000	3600	1300
4300K	LED only	12500	1350	520
	With reflector	52000	4000	1500
5600K	LED only	12500	1400	500
	With reflector	52500	4000	1500
6500K	LED only	11000	1200	450
	With reflector	45500	3550	1300

** Above data are average data, there may be some variation in values for different lamps.*

List of items

SL1 400BNS Main Light Body, Reflector, 5m Power Cable, 3m Light head connecting cable, Control Unit, Light Head Protector, Warranty Card, User Manual, Certificate, Carry Case.

Notes

1. In order to avoid equipment failure, please do not expose this product to moisture or use in wet or rainy, sandy or dusty environments.
2. Do not disassemble or modify the product. Mishandling, including dropping the product, may result in permanent damage.
3. Keep this product and its parts out of the reach of children and animals.
4. Please ensure that the product is always free from moisture and is stored safely. Water and other liquids may contain minerals that can corrode the internal electronic circuits.
5. Avoid using or placing the product in high temperature environments, including direct strong, sunlight, as this may shorten the life of electronic parts, damage the battery or distort plastic parts or casings.
6. Avoid using the product in very low temperature environments as internal condensation or water particles may damage electronic circuitry as the temperature rises.
7. Avoid using or storing the product in dirty or dusty environments as this may damage components.
8. Avoid placing the product on or near hot surfaces or sources of heat such as lit cigarettes, naked flames or heating systems.
9. Do not disassemble the product by yourself. Unprofessional treatment will cause damage to the product.
10. Do not drop, knock or shake the product. Rough handling may damage the internal circuit board.
11. During use do not cover the light head with flammable materials.
12. To avoid burns, please do not handle the light if it is hot.

Maintenance

1. To prevent the accumulation of dust particles affecting the performance of the product, please carefully wipe the exterior of the product with a clean, soft, dry cloth at regular intervals.
2. The SL1 400BNS is covered by a 3-year warranty from the date of original purchase.
3. Product damage or failure to operate caused by inappropriate or irregular operation is not covered by the warranty.
4. Unauthorized repair or attempting repair will make the warranty void and any authorised repair will then be subject to charges.
5. If the product fails to function or is subjected to water or moisture please ensure it is professionally examined and repaired prior to using it.
6. Always use a clean, dry soft cloth to clean the lens on the product. Do not use harmful chemicals, cleaning agents or liquids to clean the product.
7. In the unlikely event that the product is found to be faulty please contact our Customer Service team who will be happy to assist you: cs@ifootagegear.com.

Statement

iFootage reserves the right to modify or rectify all hardware and software specifications without prior notice. In case of any discrepancy between the instruction manual and the actual product, please refer to the product itself.

iFootage and its affiliates shall not be liable for any direct, indirect, punitive, incidental, special, consequential or property damage, or any harm to life resulting from the use or misuse of any iFootage product. The user assumes all risks associated with using this product, and this does not affect your legal rights.



Lumin+
APP QR Code



Official Website
QR Code

To download the Lumin+ APP, please scan the QR code or visit our website. For more information on operation modes please visit our website www.ifootagegear.com

Manufacturer's Information



IFOOTAGE INTERNATIONAL (HK) LIMITED

UK Design & Made in China

Origin: China

Website: www.ifootagegear.com

