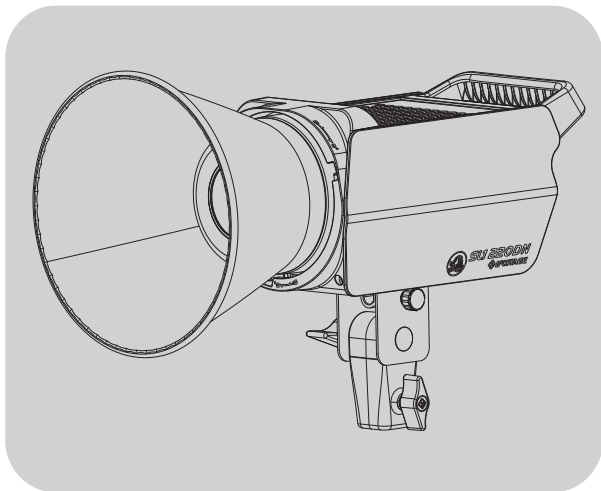# SL1 220DN LED Light
User Manual

◈ IFOOTAGE

3DK1473001

Thank you for purchasing this iFootage product. This manual provides important user information for the SL1 220DN LED Light. Please read the manual carefully before operating the equipment and keep the manual safe for future reference.

The SL1 220DN is a convenient and versatile LED light suitable for both video and photography production and features brightness adjustment, 5600K colour temperature, 8 different special effects and mobile device APP connectivity providing multiple settings including key frames. This flexible and compact light is perfect for both studio and location recording.
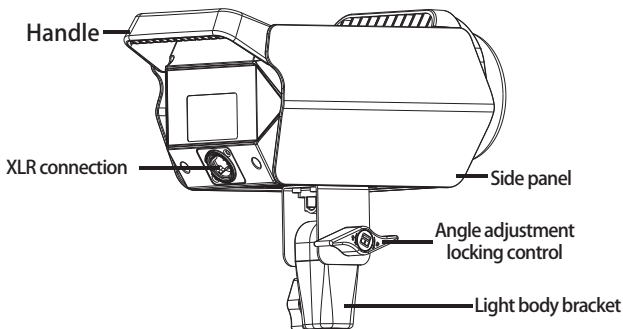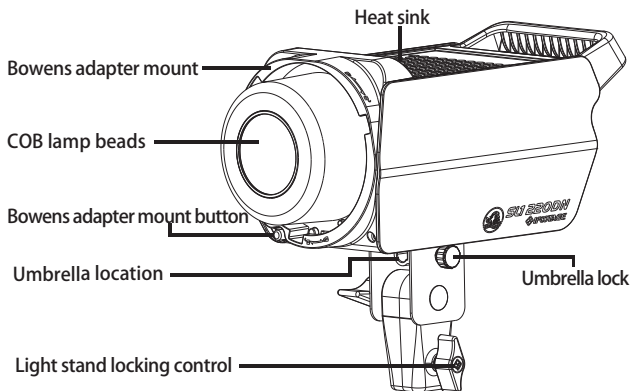
Contents

Features

● The 220DN light has fully adjustable angles, provides simple onboard controls as well as App control and can be used hand held or on a stand or with any other suitable support equipment.
● The 220DN provides a solar spectrum light source, RA 98, high colour fidelity, realistic and saturated colour IES TM30-18 index, Rf 97 and Rg100.
● The 220DN offers 8 different special lighting effects designed to suite various scenarios.
● There are 4 types of dimming curves to choose from.
● Connecting to the App via Bluetooth will provide further functions such as key frames, multi-lamp control and music mode.
● Key frame and sequence dimming are fully adjustable and can be preset to suit user requirements.
● Equipped with silent fans the 220DN will automatically adjust fan speed to accommodate the temperature of the light.
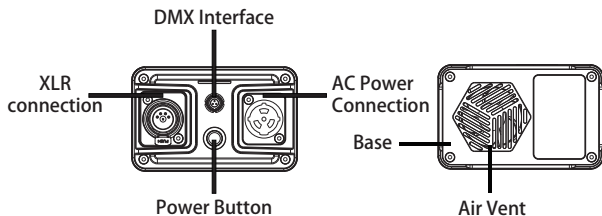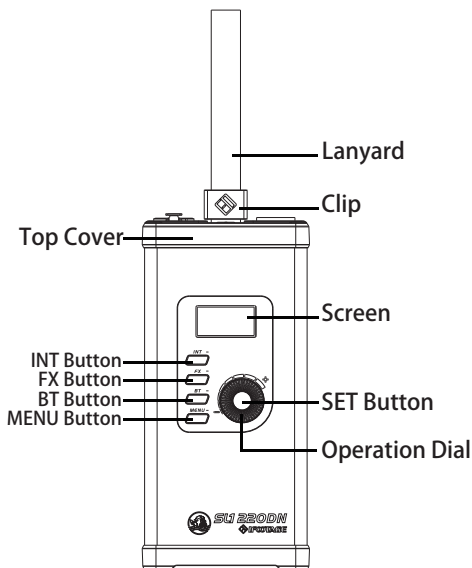● The product has a 'High Temperature' warning function.

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 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

Heat sink

Bowens adapter mount

COB lamp beads

Bowens adapter mount button

Umbrella location

Umbrella lock

Light stand locking control

Handle

XLR connection

Side panel

Angle adjustment locking control

Light body bracket

Component Description: Control Unit ▮

Lanyard

Clip

Top Cover

Screen

INT Button

FX Button

BT Button

MENU Button

SET Button

Operation Dial
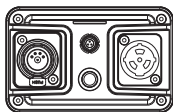
SU 220DN

DMX Interface

XLR connection

AC Power Connection

Base

Power Button

Air Vent

Operating Description

■Controls Description

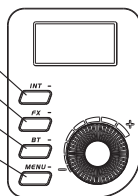

On/Off Button
Long press: On / Off
Short press: Temporarily turns light off / on

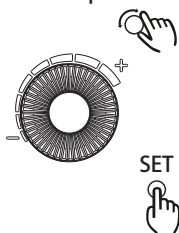INT Button: Short press for brightness mode
FX Button: Short press for special effect mode
BT Button: Short press for Bluetooth settings
Menu Button: Short press for menu settings

Operation Dial

Rotate: INT mode: Rotate clockwise to increase brightness.
Rotate ant-clockwise to reduce brightness.
FX mode: Rotate dial to select special effects.
BT mode: Rotate dial to select Bluetooth reset.
Menu mode: Rotate dial to select menu.

SET

Press: 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.
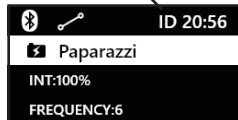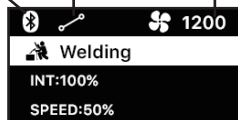Menu mode: Fan setting, dimming curve, language, DMX.
DMX Settings: Short press to change DMX address; Channel
settings.

■Screen Description

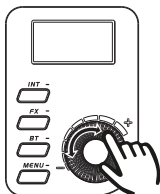Bluetooth Dimming Curve   Fan Speed/Device ID Code Switch

✶ ✎	❄ 1200
🔦 Welding	
INT:100%	
SPEED:50%	

✶ ✎	ID 20:56
⚡ Paparazzi	
INT:100%	
FREQUENCY:6	

Main Menu Bar

4

Mode Selection

■Light brightness mode

Press the INT Button to access the brightness adjustment mode. Quickly adjust the brightness by turning the "dial".
Adjust brightness parameters-fixed at colour temperature 5600K±200.

■Special Effects Mode

There are 8 special effects including: paparazzi, fireworks, lightening, strobe light, welding light, faulty bulb, pulsing and explosion. 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.

Bluetooth   Dimming curve   Fan speed

FX Mode —

Brightness parameters —

Lighting effect adjustable parameters —
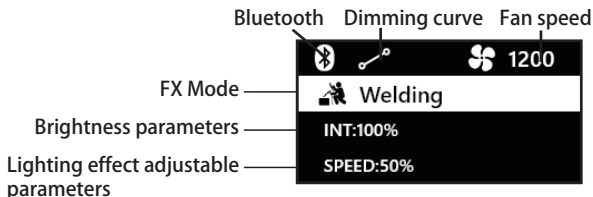
Menu Features

■ Fan speed adjustment

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

Press MENU control to access menu directory: adjust parameters using the SET button. Rotate dial to select.

■ 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.

Press MENU control to access menu directory: rotate dial to view curve setting required. Use Set button to select.

Linear   Exponential   Logarithmic   S-curve
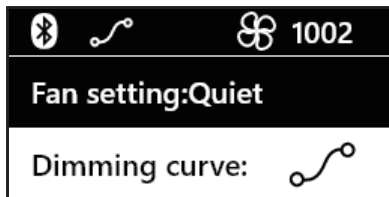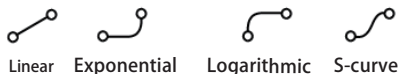
Menu Features

■Language settings

Press Menu→ Rotate the Dial to select language→ Press SET Button→switch between Chinese and English.

❄ 1200
Language:EN
Restore settings

■Restore Factory Settings

To restore factory settings please press the 'OK/Select' key, then using the dial, select 'Yes' followed by 'OK/Select'. If you do not want to Restore Factory Settings select 'No' followed by 'OK/Select' to exit.

❄ 1200
Restore settings
V 1.0.1

Power Management

■Power Supply

AC Power port
Input voltage： AC 100V~240V 50/60HZ
Input power： 240W

■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.

❄ 1200
Press " ⏻ " to
turn on

■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.

High Temperature Alert

≋ ❄ 3280
❉ Fireworks
INT:100%
SPEED:5.5S
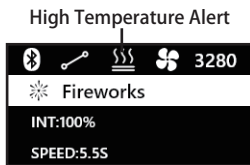
Bluetooth Connection

■ Bluetooth Connection and Reset

1. For Bluetooth connection: download the iFootage Lumin App to your mobile device (Smartphone or tablet). Once registered, open the Lumin App and create a new project. Open the project and search for devices, select the appropriate device using the device name or code to connect via Bluetooth. The light will blink three times to show a successful Bluetooth connection. Via the project device list, select to control single or multiple devices. The Bluetooth icon will appear on the status bar after which you can set the internal lighting values. If the APP shows Bluetooth connection failure, please check to see that your mobile device is Bluetooth enabled or reset Bluetooth on the product and try to reconnect.

2. Bluetooth Reset: Using the device screen, press BT to access the Bluetooth setting. rotate dial and select 'Bluetooth Reset', then press the "Confirm & select' control.

Icon display after successful Bluetooth connection ———

——— Fan speed

——— Bluetooth reset

Note:
1. The 220DN 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.

2. The iFootage Lumin App currently supports iOS 12.0 and above. It also supports mobile devices with Android 8.0 and above.

3.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.