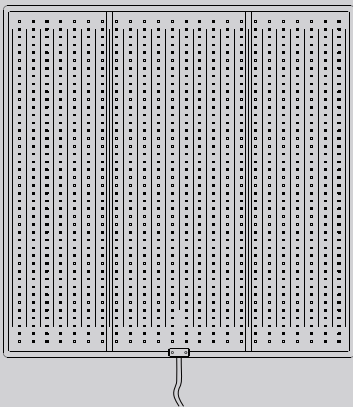




# SUNCRAFTER

## F200B Flexible Cloth Light

### User Manual



Thank you for choosing SunCrafter. This manual contains important user information for the F200B LED Light. We recommend reading it carefully before using the equipment and keeping it in a safe place for future reference.

The SunCrafter F200B is a professional LED light that's both flexible and high-performing, offering great value. Its lightweight, flexible fabric allows for easy DIY customization of lighting effects. It includes expandable accessories for different lighting needs and features advanced LED technology. You can adjust its color temperature from 2700K to 6500K, ensuring accurate color rendering. It's easy to control via a mobile app for precise brightness and color adjustments, as well as special effects. This compact and flexible lighting solution is ideal for both studio and location recording purposes.

## Contents

■ Features	1
■ List of Items	2
■ Component Description	3-4
■ How to Use	5-8
■ Application Scenarios	9-10
■ Power Management	11
■ Operating Description	12
■ Mode Selection	13-14
■ Bluetooth Connectivity	15
■ APP Introduction	16
■ Product Specifications	17
■ Brightness Data	18
■ Notes	19
■ Maintenance	20

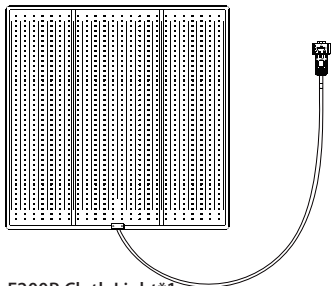
# Features

1. The F200B light combines ultra-light materials and flexible fabric for easy DIY customization of unique lighting effects through manual adjustments.
2. Despite its spacious 600mm x 600mm emitting area, this light maintains a remarkably slim and portable design, balancing large-area uniform illumination with portability.
3. It offers a dynamic adjustable color temperature range from 2700K to 6500K, ensuring a consistent 200W output across all settings.
4. Featuring separate light and control units, it allows flexible and independent operation.
5. Standard mounting adapters enable quick installation for both vertical suspension and horizontal lighting, enhancing efficiency.
6. The F200B can be used with various light control accessories such as softboxes, diffusers, and grids.
7. Lightweight grids include a foldable design for easy storage and quick setup, optimizing lighting adjustments.
8. The F200B offers 10 different special lighting effects designed to suit various scenarios.
9. Preset and sequence dimming are entirely customizable and can be set according to user preferences.
10. Connecting to the App via Bluetooth will provide further functions such as preset, multi-lamp control and music mode.
11. To ensure the lights reach their full potential life, they are equipped with an automatic heat protection function. This feature helps to protect the lights from overheating and extend their lifespan.

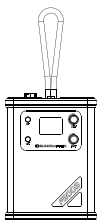
## Precautions:

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 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.

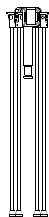
# List of Items



F200B Cloth Light\*1



Control Unit\*1



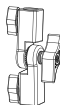
Support Frame\*1



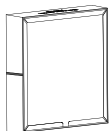
3m Extension Cable\*1



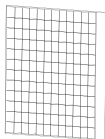
AC Power Cable\*1



Adapter \*1



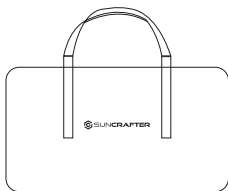
Softbox\*1



Grid\*1



Diffusion Cloth\*1



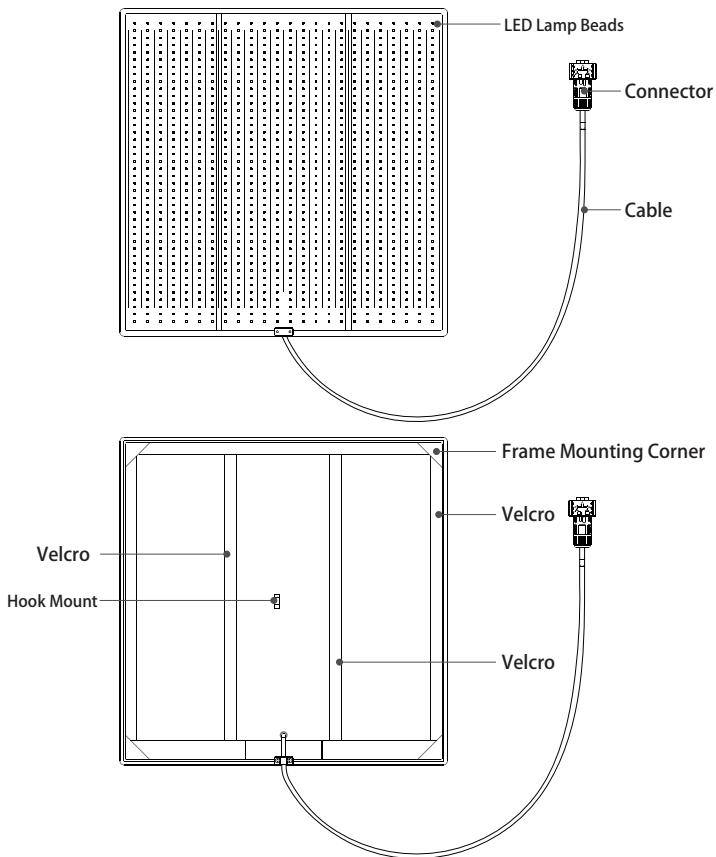
Carry Case\*1

Note: The illustrations in the manual are only diagrams for reference.

Due to the continuous development of new versions of the product, if there are any differences between the product and the user manual diagrams, please refer to the product itself.

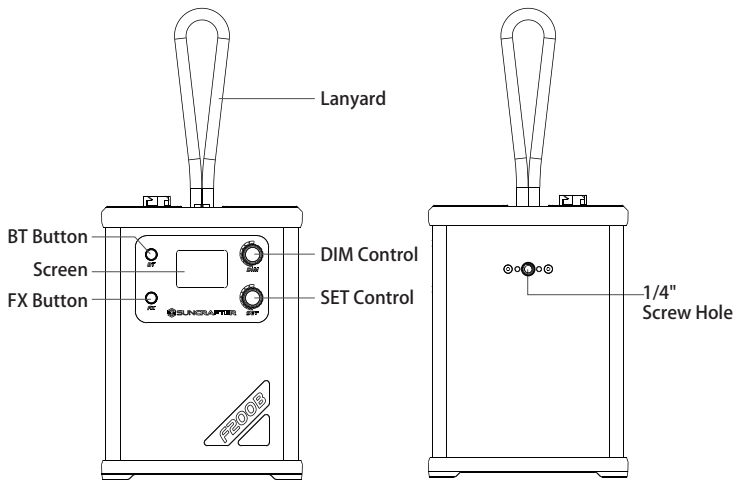
# Component Description

## ■ Main Light Body



# Component Description

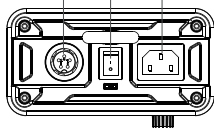
## ■ Control Unit



Light Body Connector

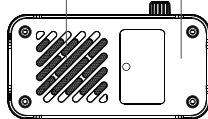
ON/OFF Button

AC Power Interface



Air Vent

Base

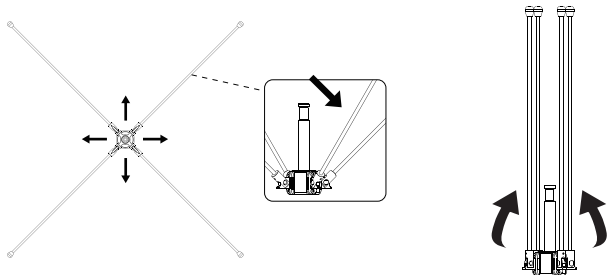


# How to Use

## ■ Support Frame Installation

Expansion: Apply outward force to open all support rods.

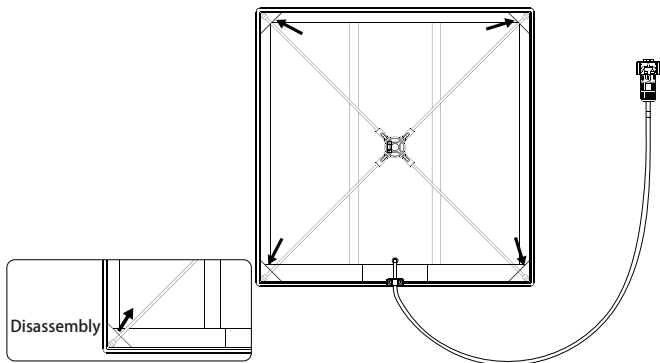
Retraction: Apply inward force to retract all support rods for easy storage.



## ■ Support Frame Mounting

Assembly: Open the flexible cloth light and support frame, place each of the four support rods into the corners on the back of the cloth light.

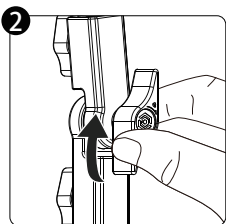
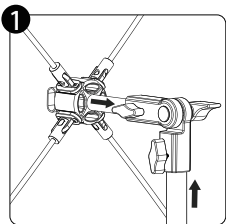
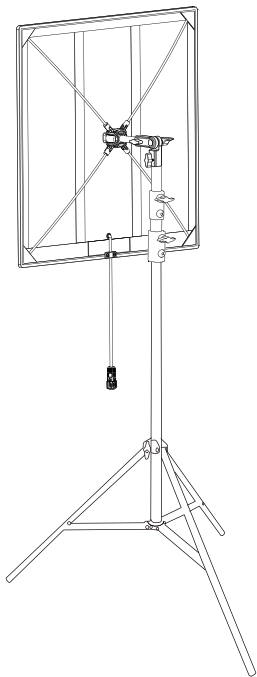
Disassembly: Apply inward force to remove the support rods.



# How to Use

## ■ Fasten the Light Body

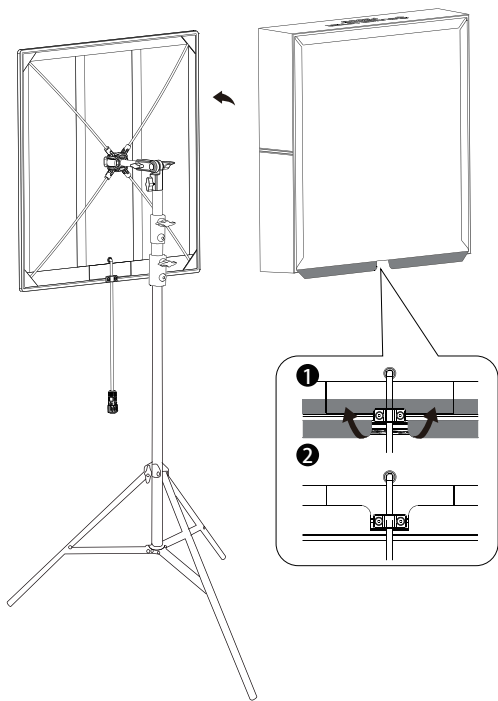
Install the support frame's light stand connector to the adapter mount then mount it on the light stand. Adjust to the required angle then tighten the locking handle.



# How to Use

## ■ Installation of Softbox

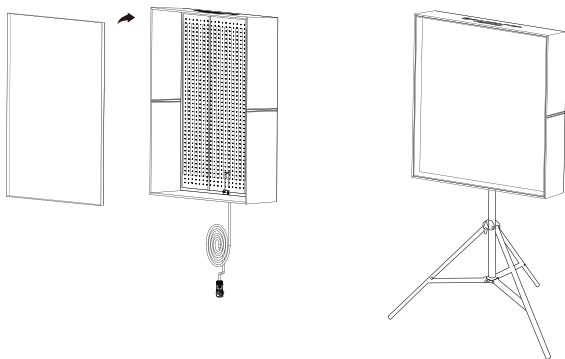
Align the side of the softbox with the groove to the side of the light body with the power cord. Then, attach the Velcro on the softbox to the Velcro on the light body to secure it tightly.



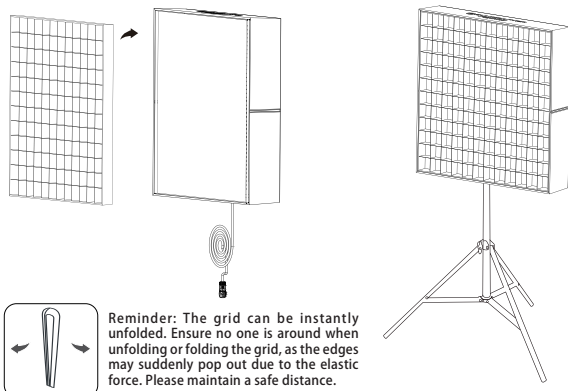
# How to Use

## ■ Installation of Diffusion Cloth and Grid

To install the diffusion cloth, attach it along the Velcro inside the softbox. This softens the light output.



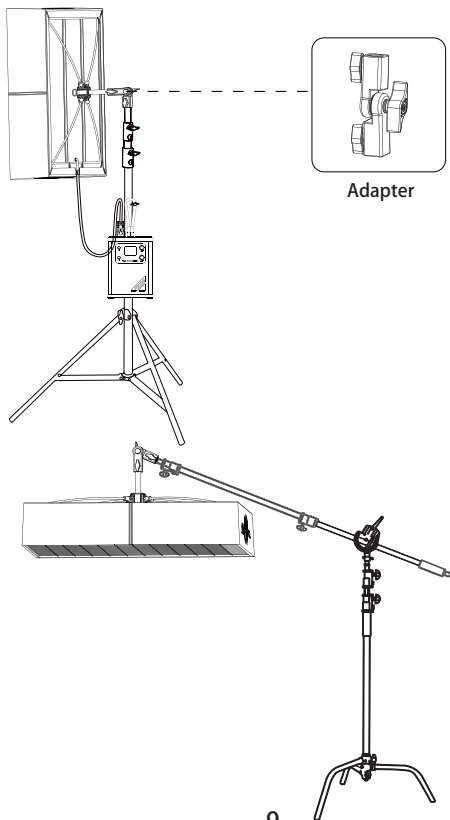
When installing the grid, attach it along the Velcro inside the softbox to control the beam angle of the light.



# Application Scenarios

## Flexible Lighting for Enhanced Creativity

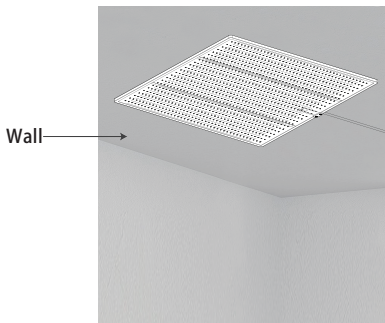
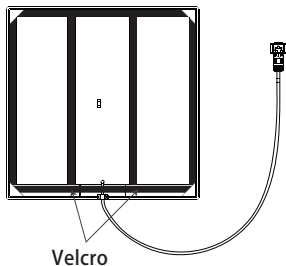
The standard adapter allows for quick installation whether vertically suspended or parallel lighting, doubling the efficiency.



# Application Scenarios

## Flexible Lighting for Enhanced Creativity

The light body's back features integrated Velcro and "3M Strong Adhesive Velcro Hooks," ensuring stable wall attachment. Ideal for narrow spaces and overhead setups, it allows quick positioning and flexible adjustments. Separate light and control units simplify operations at height, reducing the need for frequent climbing. This enhances work efficiency and shooting experience.



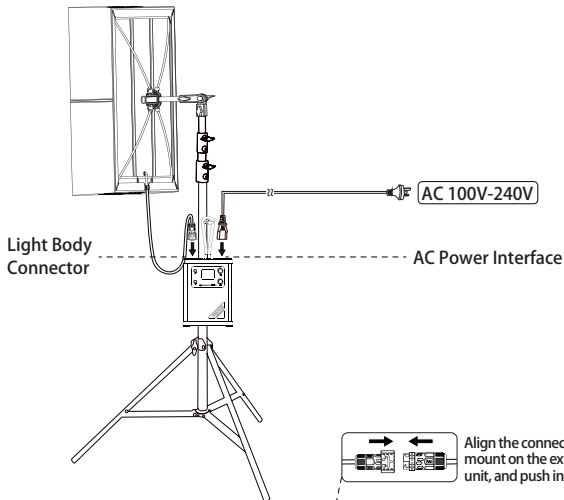
# Power Management

## ■ Power Supply Mode:

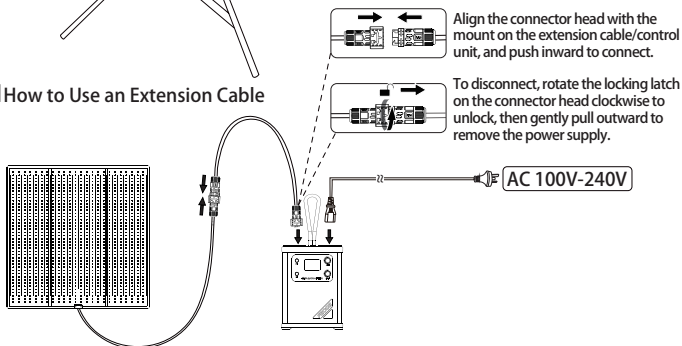
AC power interface for power supply

Voltage of Control Units : Input AC 100V-240V~50/60Hz Output DC 64V

\* When removing the power cord, rotate the locking latch on the light body connector clockwise before disconnecting. Do not pull it out forcibly.

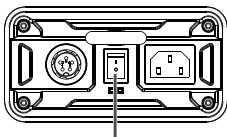



## ■ How to Use an Extension Cable




# Operating Description

## ■ Controls Description




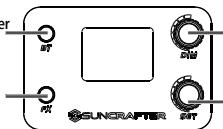
 **ON/OFF Button:**  
Up/Down toggle: On/Off

### BT button:



 Long press: Press and hold over 3 seconds to reset Bluetooth.

### FX button:



 Tap: Special effects  
(In lighting effect mode, press the FX button will switch to color temperature adjustment.)



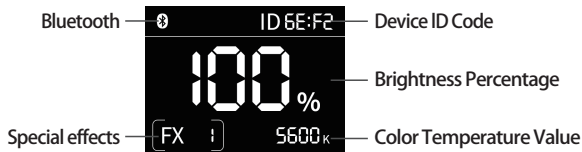
### DIM Control:

 Rotate to adjust brightness.  
 Press repeatedly to use preset brightness: 20%, 40%, 60%, 80% and 100%.

### SET Control:

 Rotate: Adjust the color temperature and parameter values, and switch between different special effects.  
 Press: Move the cursor or confirm the current selection.

## ■ Screen Description




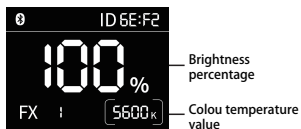
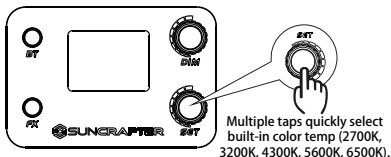
# Mode Selection

## ■ Color Temperature Mode

Adjust color temp (2700K-6500K) and brightness (0%-100%). Press FX, move cursor to color temp box, and rotate/tap SET key to quickly adjust.

 **DIM** Rotate the dimmer control to adjust brightness.

 **DIM** Press the DIM control and click the brightness adjustment control to quickly switch between brightness levels: 0%→20%→40%→60%→80%→100%.

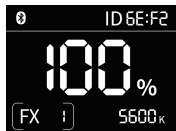
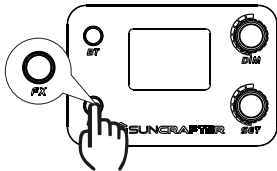


## ■ Special Effect Mode

The 10 special effects are as follows:

1: fireworks; 2: lightening; 3: paparazzi; 4: TV; 5: welding light; 6: strobe light; 7: explosion; 8: pulsing light; 9: faulty bulb; 10: CCT Cycle

Adjust corresponding parameters for the effect used. Press FX, move cursor to effect box, and rotate SET to select effect.



Special effects status

# Mode Selection

## ■ Temporary Lamp Shutoff

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



APP Interface



Temporary Lamp Shutoff Switch Button

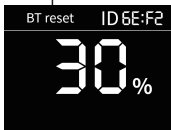


# Bluetooth Connection

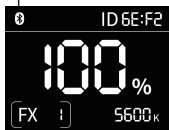
## Bluetooth Connection and Reset

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. During the reset process, the Bluetooth icon will flash, and the screen will display "BT reset." Once the Bluetooth connection is successful, only the Bluetooth icon will be displayed.

Icon display on  
bluetooth reset



The icon is displayed after the  
Bluetooth connection is successful



## Note:

1. Please reset the Bluetooth on the device first, otherwise the device will not be found.
2. The F200B connects to your mobile device using Bluetooth BLE5.1 technology. Ensure Bluetooth is enabled on your device before opening the App. Android users should also enable Bluetooth within the App.
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, ensure that all devices have sufficient battery power to support the duration of the firmware update if prompted to do so.

# 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.sunrafter.com](http://www.sunrafter.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.sunrafter.com](http://www.sunrafter.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.



Lumin+  
App QR Code



## ■ Preset and sequences

Within the Lumin+ App you can select the preset settings within modes. You can apply preset to layout, loop method, fade time, duration etc to achieve a repeatable lighting status or set of lighting conditions.

## ■ 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 Color 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.

# Product Specifications

Product Name	Flexible Cloth Light
Model	F200B
Power Supply Specification	Input AC 100V-240V~50/60Hz Output DC 64V
Overall Power	230W
Light Output Power	200W
Materials	Aluminum alloy, PC, fabric cloth
Bare Light Size	600x600 mm
Bare Light Net Weight	0.8kg
Operating Temperature	-15°C~40°C
SSI CIE-D55 *	75
SSI CIE-D27 *	88
IES TM-30 *	Rf 93 Rg101
CQS *	96
CRI *	95
TLCI *	98
Color Temperature*	2700K-6500K
Brightness Range	0%~100%
100% Illuminance (5600K)*	≈8800 LUX (Main lamp , Distance 1 meter)
100% Illuminance (5600K)*	≈6900 LUX (With Softbox + Diffusion Fabric, 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 SunCrafter Lab tests and there may be some variation in values with data marked with an asterick \*

## Brightness Data

CCT	Distance	0.5m (lux)	1m (lux)	3m (lux)
2700K	Main lamp	21300	6900	810
	With Softbox + Diffusion Fabric	18900	5300	570
3200K	Main lamp	25000	8100	960
	With Softbox + Diffusion Fabric	22300	6300	680
4300K	Main lamp	26600	8600	1000
	With Softbox + Diffusion Fabric	23800	6800	730
5600K	Main lamp	27000	8800	1000
	With Softbox + Diffusion Fabric	24400	6900	750
6500K	Main lamp	23800	7700	910
	With Softbox + Diffusion Fabric	21400	6000	650

\* These are average data measured in the laboratory, there will be slight differences in the brightness, color temperature and other parameters of different lights.

## 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. Inappropriate or unprofessional treatment may result in 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 panel 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 F200B 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 light panel 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@suncrafter.com](mailto:cs@suncrafter.com)

*\*The light stand, magic arm featured and referenced in this manual are not included with this product but can be purchased separately*

# FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. This equipment complies with FCC's RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna(s) must not be co-located or conjunction with any other antenna or transmitter.

# FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).

## Statement

SunCrafter reserves the right to modify or correct all hardware and software specifications without prior notice. In the event of any discrepancy between the instruction manual and the actual product, please refer to the product itself. SunCrafter and its affiliates shall not be held 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 SunCrafter product. The user assumes all risks associated with using this product, and this disclaimer does not affect your legal rights.



Lumin+  
APP 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.suncrafter.com](http://www.suncrafter.com)

## Manufacturer's Information



9meanders Inc

US Design & Made in China

Origin: China

Website: [www.suncrafter.com](http://www.suncrafter.com)

