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NEEWER

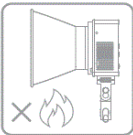
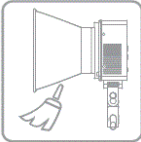
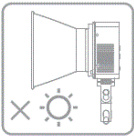
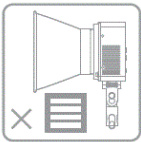
NEEWER HB80B Bi-color LED Continuous Video Light

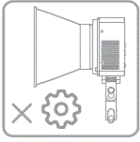


Safety Instructions

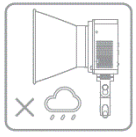
Safety notes

To ensure your safety and that of others, please ensure you read the following safety advice before using this product. Please pay attention to the precautions highlighted in the manual. The product should be checked prior to use and not used if damaged.

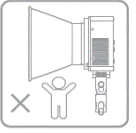
-  Do not place flammable materials near the constant video light
-  Please use a blower brush or clean cloth to remove dust and moisture.
-  Do not expose the product to direct sunlight for long periods of time. The product should not be stored in direct sunlight.
-  Do not cover the ventilation holes at any time.



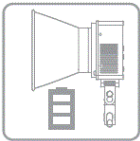
- Do not attempt to disassemble or repair the device.



- Do not use in the rain, a humid environment, or other adverse weather conditions.



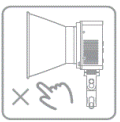
- Keep the working environment clear of cables . Keep this product out of reach of children and pets.



- Please turn off and remove the power supply before maintenance, and installing or removing accessories.



- Do not use chemicals or liquids to clean the lamp. Do not immerse any part of the device in liquid.

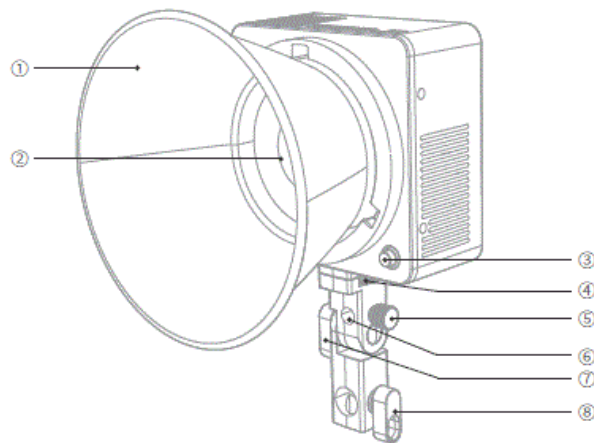


- The constant video light will heat up during use. Do not touch with your hands.

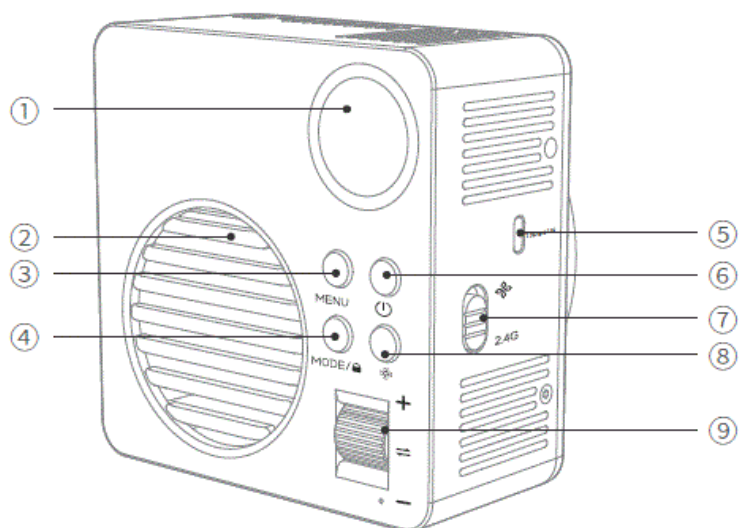
Overview

- The latest NEEWER HB80B is a bi-color LED continuous video light with an integrated 72Wh li-ion battery. It features a full-spectrum light source for powerful output and a compact, elegant design for effortless transportation.
- Whether shooting indoors and out, HB80B always delivers reliable and superior illumination. The multiple light modes will match your requirements whatever the setup, and its ergonomic controls make operation simple and intuitive.
- Powered by PD chargers or its integrated battery, the HB80B offers extended periods of illumination wherever you are. Its Bowens mount ensures seamless compatibility with a wide range of light modifiers.
- The bi-directional USB-C port, supported by the advanced battery management system (BMS), charges your mobile devices when needed. An perfect fit for photography and videography, HB80B entices you into a world full of creativity.

Product Illustration



1. Standard Reflector
2. LEDs
3. Reflector Lock
4. Support Locking Knob
5. Umbrella Locking Knob
6. Umbrella Socket
7. Tilting Adjustment Knob
8. Stand Mount Locking Knob

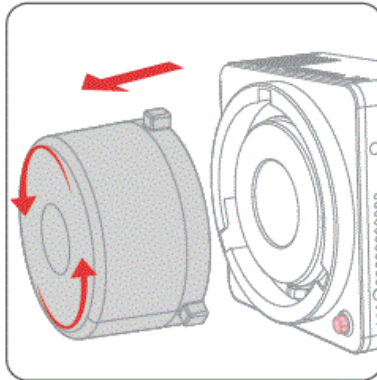


1. LCD Panel
2. Fan
3. **Short Press:** Enter Menu
4. **Short-Press:** Switch Modes; Long-Press: Lock Buttons

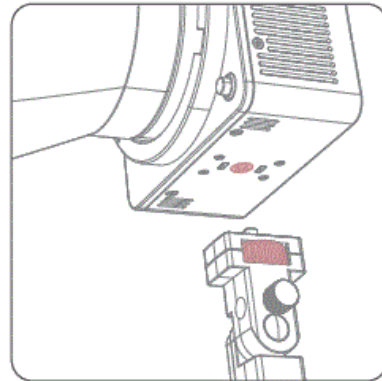
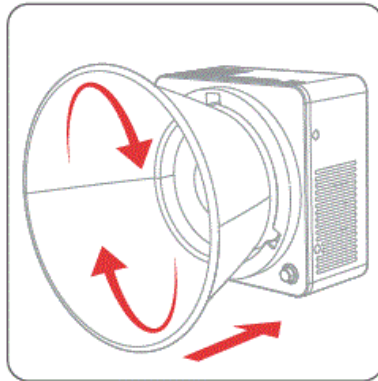
5. USB Type-C Port
6. **Long-Press:** Power On/Off
7. Infinity/2.4G Switch
8. **Short Press:** Select Fan Modes
9. **Short Press:** Select Parameters; Scroll: Adjust Parameters

Installation Instructions

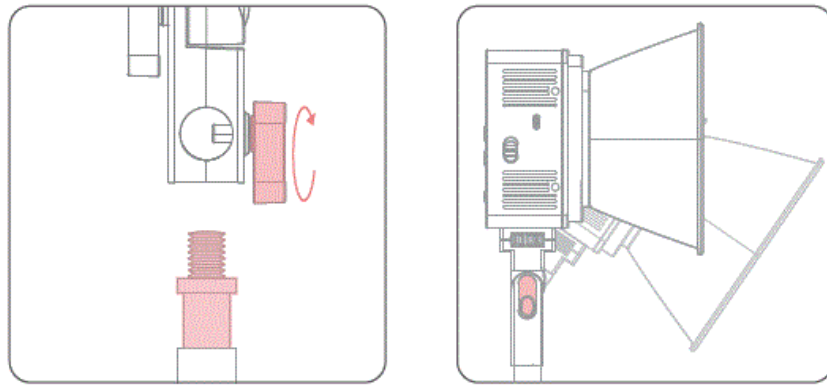
1. Press the protective cover release button and rotate the cover counterclockwise until its tabs align with the mounting slots. Then, remove the protective cover.



2. Align the three metal tabs of the reflector with the three gaps on the front of the studio light, push the reflector inwards, and rotate it clockwise until it is securely locked.
3. Attach the support mount to the studio light and secure it by rotating the knob.



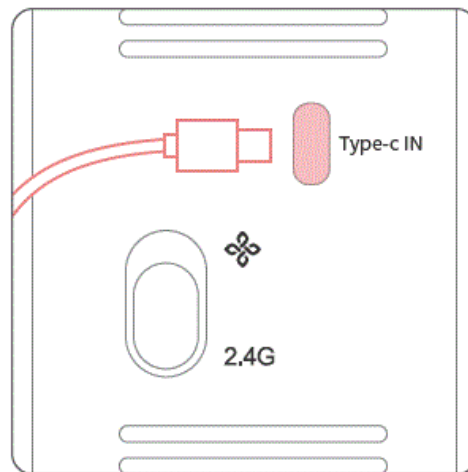
4. Insert the adapter base onto the light stand and tighten the fixing knob.
5. Adjust the lighting angle of the studio light by rotating the angle adjustment knob.



How to Use

Power Supply

- Use a Type-C cable to charge the LED light.
- Supports use while charging.
- Recommended to use a PD adapter of 100W or above.




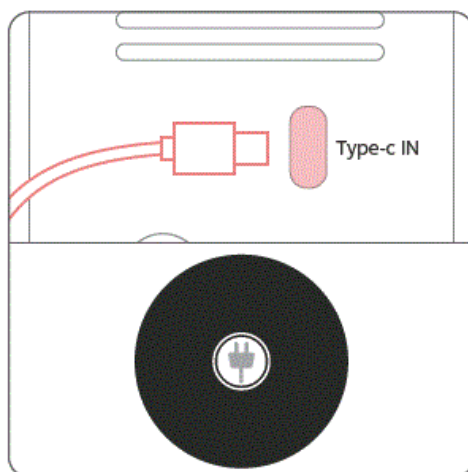
When powered on:

Adapter	Mode	Long-duration Use
PD100W	Booster mode, normal mode, silent mode, charging	YES
PD65W	Normal mode, silent mode, charging	NO
≤PD45	Normal mode, silent mode	NO


Charging without power on: Supports most chargers on the market

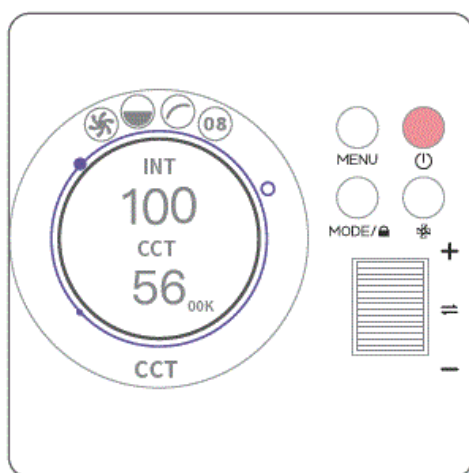
Discharge

- Using a Type-C cable to power other electrical products.
- The “” symbol appears on the screen to indicate the cable is drawing power from the device.




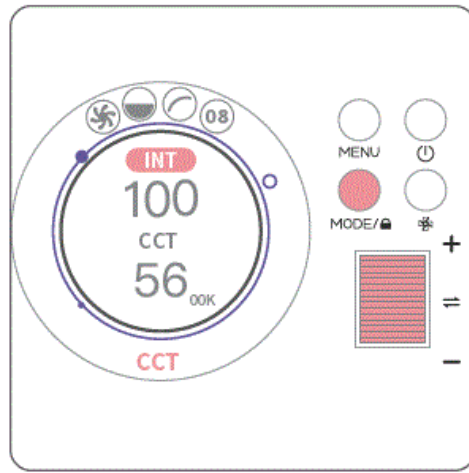
Powering On/Off

Long-press “” to power on/off.



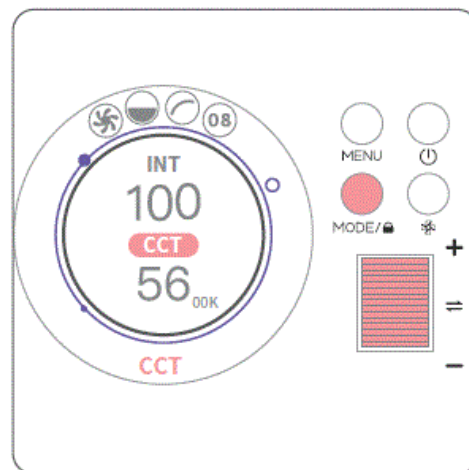
Brightness Adjustment

Short press the MODE button, select any mode, then press the “” button to select the “INT” option, and adjust the brightness value by rotating the “+ -” wheel.



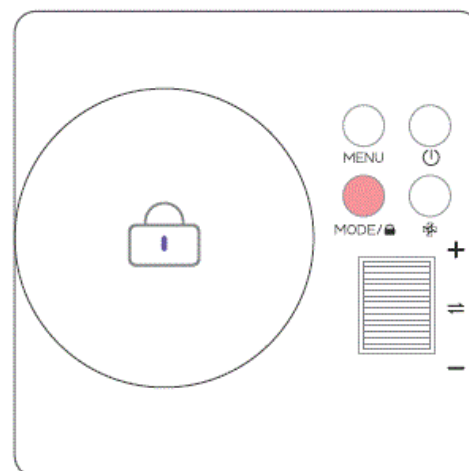
Color Temperature Adjustment

Short press the MODE button to select CCT mode, then press the “ ” “ ” button to select the “CCT” option, and adjust the color temperature value by rotating the “+ -” wheel.



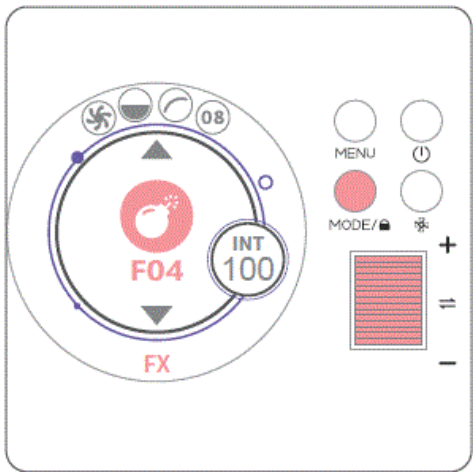
Control Panel Lock

Long press “ ” to lock or unlock the buttons on the control panel.
















Special Effect Adjustment


Short press the MODE button to select FX mode, then press the " ⇌ " button to select the desired scene, and adjust the special effects by rotating the "+ -" wheel.

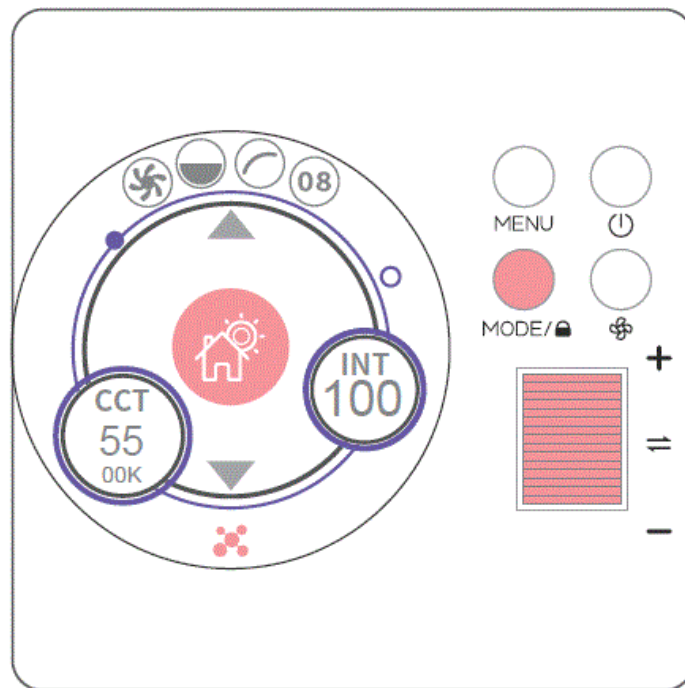













Available Lighting Effects

F01	 Lightning	F02	 Paparazzi	F03	 Defective bulb	F04	 Explosion
F05	 Welding	F06	 CCT Flash	F07	 CCT Pulse	F08	 Candlelight
F09	 CCT loop	F10	 INT loop	F11	 TV screen	F12	 Fireworks
F13	 Music						












Light Source Mode

Short press the MODE button to select the "  " mode, then press the " ⇌ " button to select the light source adjustment option, and adjust the light source by rotating the "+ -" wheel.

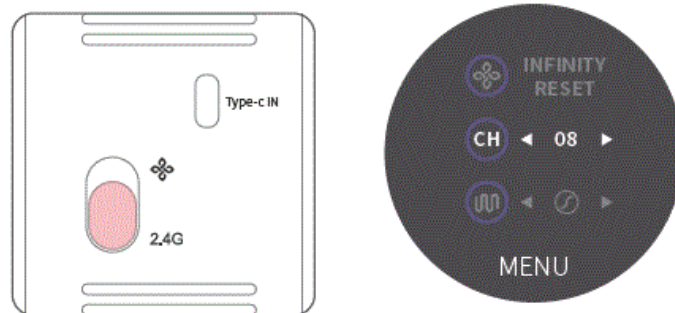



-  Dawn 5000K
-  Daytime 5500K
-  Daylight 6500K
-  Incandescent Lamp 3200K
-  Video Lamp 3300K
-  Modeling Lamp 3400K
-  5600 Dysprosium Lamp 5600K
-  Daylight Dysprosium Lamp 6000K
-  Warm White Halogen Lamp 2700K
-  White Halogen Lamp 4300K
-  Xenon Short -Arc Lamp 6200K

Menu

Icon	Function	Setting	Description
	45W		Current power
	V1.0.0		Current software version
	RESET ALL SETTINGS	YES	Restore factory settings
		NO	
	INFINITY RESET	YES	Infinity Reset
		NO	
	◀ 99 ▶	1~99	Channel settings
	◀  ▶		Linear dimming curve
			S-curve dimming curve
			Logarithmic dimming curve
			Exponential dimming curve

2.4G Mode



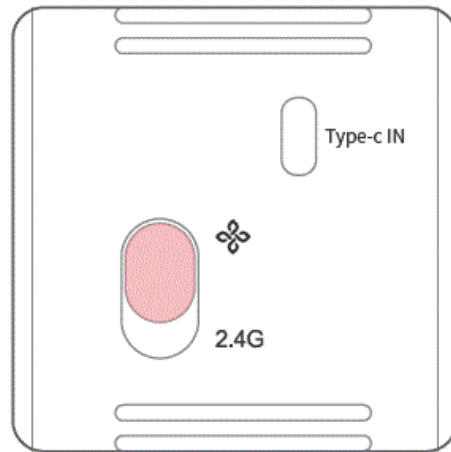
1. Flip "  2.4G " switch down for 2.4G mode.
2. Short press the MENU button to enter the menu, rotate " + – " wheel to select CH, press " ⇌ " to enter the sub menu, rotate " + – " wheel to select from CH00 to CH99, then press " ⇌ " to confirm and exit.
3. In 2.4G mode, if multiple LED lights are set to the same channel (e.g., CH88), adjusting one light will automatically sync the others on that channel.

Infinity Mode

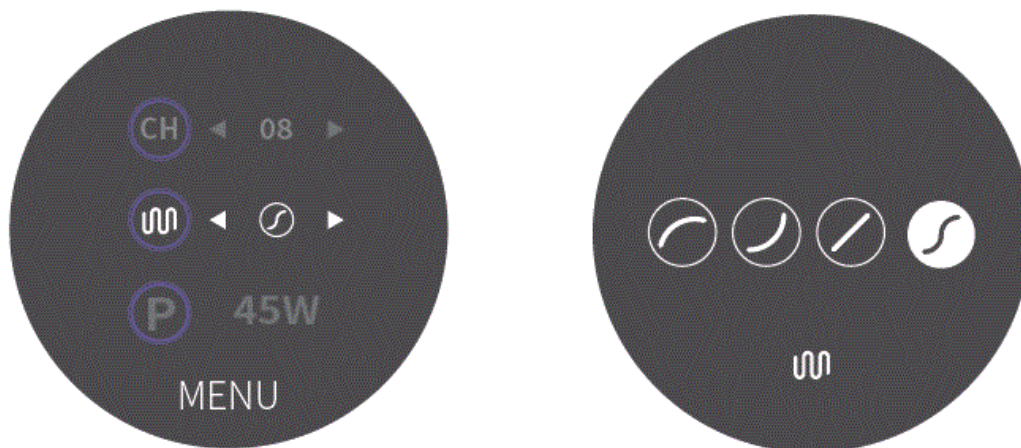
1. Flip "  2.4G " switch up for INFINITY mode.




2. Use the NEEWER app to control the LED light via Bluetooth. For specific instructions, please scan the QR code on the “APP Guide Page” for more information.

Before connecting the app, please reset the Infinity function on the device. Short press the MENU button to enter the menu, rotate “+ -” wheel to select INFINITY RESET to reset the Infinity connection.




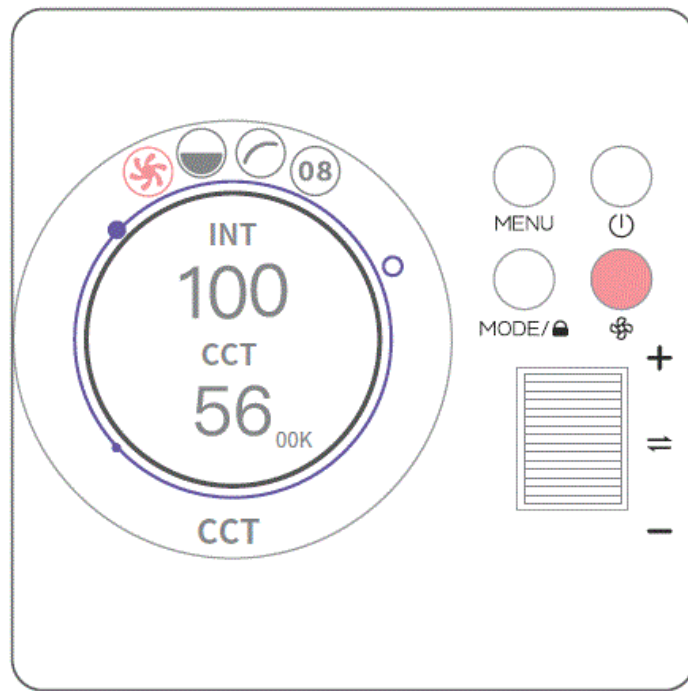
Dimming Curve



Press the MENU button to open the menu, rotate the “+ -” wheel to select “”, then press “” to enter the submenu. Use the “+ -” wheel to choose between S-curve, Log curve, Exp curve, or Linear curve, then press “” to confirm and exit.






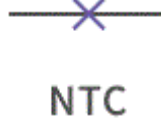

Heat Dissipation Mode

- Short press “” to switch between silent mode, normal mode, and booster mode.
- For the booster mode, please use a PD100W charger.



Heat dissipation mode	Display symbols	Maximum power
Silent mode		45W
Normal mode		65W
Booster mode		80W

Warning Prompts

 <p>Overcharge protection</p>	 <p>Insufficient power</p>
 <p>Overvoltage protection</p>	 <p>Undervoltage protection</p>
 <p>Fan abnormality</p>	 <p>NTC abnormality</p>
 <p>Over-temperature protection</p>	

Battery warning

1. Do not attempt to detach, modify, and repair the battery by yourself. Any unauthorized operation may cause battery leakage, overheating, burning, and other hazards.
2. Be sure to use the provided or certified chargers to prevent overcharging and shortcuts.
3. If unusual charging speed and indicator flashing occur, please stop charging and contact our customer service immediately.
4. Keep away from inflammable and explosive items.

Notes

1. Avoid dropping, or subjecting the product to strong physical impact.
2. Do not look directly at the light when in use, to prevent damage to eyesight.
3. Keep the product away from flammable or explosive materials.
4. Avoid using the product in rainy or humid environments.
5. Do not touch the product with wet hands.
6. Remember to turn off the power when not in use.

7. Store the product in a well ventilated, dry area, away from heat sources and magnetic fields, if not in use for a long time.

Specifications

Model	HB80B
Input	P15DV3/.30A: .52V0/3VA/3, .92V5/A3,A2,01V2/V5 /A3A
Output	P15DV3/.30A:5,V2/03VA/,39.2V5/3AA, 12V/3A
Built in battery	14.4V, 5000mAh, 72Wh
Charging time	120min
Battery life	<ul style="list-style-type: none">• Normal mode: 74 minutes• Silent mode: 94 minutes
Power	<ul style="list-style-type: none">• Booster mode: 80W /• Normal mode: 60W / Silent mode: 45W
Lighting mode	CCT/SOURCE/FX
Color rendering index	CRI ≥95 TLCI ≥97
Brightness range	0~100
Color temperature range	2700K~6500K
Special effects	13
Light source	11

Illuminance:

Color Temperature	Distance	Unmodified Light (Boost Mode)	Standard Reflector (Boost Mode)	Unmodified Light (Constant Power Mode)	Standard Reflector (Constant Power Mode)
2700K	01.5m	9223620 Lx	81694700 Lx	6176780 Lx	61344300 Lx
	0.5m	10700 Lx	99200Lx	781	73000Lx
3200K	1m	2680 Lx	22600 Lx	1950 Lx	16500 Lx
	0.5m	12200 Lx	112000 Lx	9260 Lx	85700 Lx
4400K	1m	3040 Lx	25400 Lx	230	193
	0.5m	12300 Lx	114000 Lx	9140 Lx	84400 Lx
5600K	1m	3070 Lx	25500 Lx	227	189
	0.5m	12000 Lx	110000 Lx	8860 Lx	81300 Lx
6500K	1m	3010 Lx	25100 Lx	222	185

The HB80B light isn't supplied with a snoot.

Frequently Asked Questions

- **Q: Can I use this product outdoors?**

- A: While the product can be used outdoors, it should not be exposed to adverse weather conditions like rain or direct sunlight for extended periods.


- **Q: How do I clean the lamp?**

- A: Use a blower brush or clean cloth to remove dust and moisture. Avoid using chemicals or liquids to clean the lamp.

- **Q: Can I charge my mobile devices using this product?**

- A: Yes, the bi-directional USB-C port allows you to charge your mobile devices when needed.

Documents / Resources

	<p>NEEWER HB80B Bi-color LED Continuous Video Light [pdf] Instruction Manual</p> <p>HB80B, HB80B Bi-color LED Continuous Video Light, Bi-color LED Continuous Video Light, LED Continuous Video Light, Continuous Video Light, Video Light</p>
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References

- [User Manual](#)

NEEWER

Bi-color LED Continuous Video Light, Continuous Video Light, HB80B, HB80B Bi-color LED Continuous Video Light, LED Continuous Video Light, NEEWER, Video Light

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