

LPAC-002



720 Watt LED Space Light Kit (Lightstar)



What's Included

- 1 x Space Light
- 1 x Diffusion Skirt
- 1 x Black Draping Skirt

CHECKED BY

Ikan is the exclusive distributor of Lightstar products in the United States.

Company Profile

Ikan is the exclusive distributor of Lightstar products in the United States. Lightstar (Beijing) Electronic Corporation is a high tech enterprise in film and TV and mainly engaged in professional lighting equipment R&D, production, and sales.

Lightstar is committed to research and development in the film & television lighting industry. We have successfully developed more than 50 kinds of products in six series, including the electronic ballast series, the magnetic ballast series, the daylight PAR series, the HMI series, the low color temperature Tungsten series and other relevant lighting equipment. Our quality and performance meets international standards in the industry. In 2005 Lightstar passed ISO 9001:2000 certification and passed certification CE in 2006.

Lightstar has excellent technicians, good sales channels, and a great reputation. We provide outstanding products, and services for our customers with competitive pricing and high-tech professional solutions. Sticking to our principles of honesty, professionalism and enthusiasm, we aim to open up more marketing channels, expand our market share, and develop more potential opportunities to grow together with our partners.

Important Information

Thank you for buying the Lightstar 720w LED Space Light Kit from Lightstar (Beijing) Electronic Corporation. Please carefully read the instructions and manual before operating the products. The manual includes the important information about product safety instructions, product usage and maintenance. When you operate the products, please make sure that you have read the instructions carefully.

All the content of the manual is based on up-to date information. Technical data is subject to change without further notice. Please visit Lightstar official website: www.lightstar.net.cn/en for more information.

There may be some differences between the pictures and actual products in this manual.

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Safety Instructions

1. Don't drag the cables with excessive force. Any repairs on the products should be performed by Lightstar technicians.
2. Make sure the fixture's power cables are connected correctly before connecting the Lightstar LED Space Light with electrical power.
3. The voltage of electricity shouldn't exceed the value in the technical standards. Check whether the voltage of electrical power and connecting cables are correct before operating Lightstar LED Space Light. If the voltage of electricity is under or over the regulated values, then this will cause damage to the products and users.
4. The Lightstar LED Space Light is a high-powered LED light. Please do not allow the fixture to shine in or near the eyes, as this may cause damage to a person's eyes.

Overview

The Lightstar LED Space Light applies new patented technologies such as the unique fresnel optical design, professional customized LED light source, optimized thermal design, and independent cooling sinks. Since film and television are shot at two color temperatures; 5600K (outdoor natural light) and 3200K (indoor lighting) different lighting equipment is needed depending on the different shooting environment. We developed the LED Space Light to deal with this situation. The most important feature of this product is the adjustable color temperature, which utilizes the multi-purpose lamp.

The Lightstar LED Space Light meets the higher requirements of film and television lighting equipment in the new era, through the application of patent technologies such as unique optical design, professional customized LED light source, optimized heat dissipation, and heat dispersion fins.

Features

1. The illumination intensity from 1%-100% & adjustable color temperature from 2700-6000k can be adjusted to meet the needs of different lighting scenarios.
2. The Fresnel optical lens provides extremely well-distributed high effect output.
3. Passive cooling technology and excellent thermal stability.
4. Light regulation can be controlled by DMX signal. LCD has smart user interface in Chinese & English and parameters adjustment functions.
5. The shortcut mode selection adjustable knob encoded allows the user to modify the parameters quickly and accurately.
6. Power supply & diodes have overheating protection. The power supply will be automatically cut off when the temperature exceeds the specified value.
7. The encoding digital adjustable knob can be adjusted and used to set system parameters quickly and accurately.
8. Lattice 12864LCD user interface, menu operation and display are in Chinese / English.
9. AC/DC power supply, AC110VAC/220VAC

Space Light	
Input Power	100VAC-240VAC
Color Temperature	Adjustable color temperature from 2700K-6000K
Dimensions / Diameter	766 x 146mm
Net Weight	20 kg
Lens Diameter	First Lens: 120mm / Second Lens: 140mm
Protection Class	IP20
Certificate / Patent No:201710051072.2	Pending
Accessories	
Black Fabric Diameter	900 x 1000mm
White Diffusion Fabric Diameter	800 x 1000mm

Instructions and User Manual

Appearance & Structure

LED Space Light Housing is made out of a high-strength steel frame with interlocking LED plates. These plates give the light plenty of light output and allow the user to attach the diffusion skirt as well as the black drape. The Space Light structure is as follows:

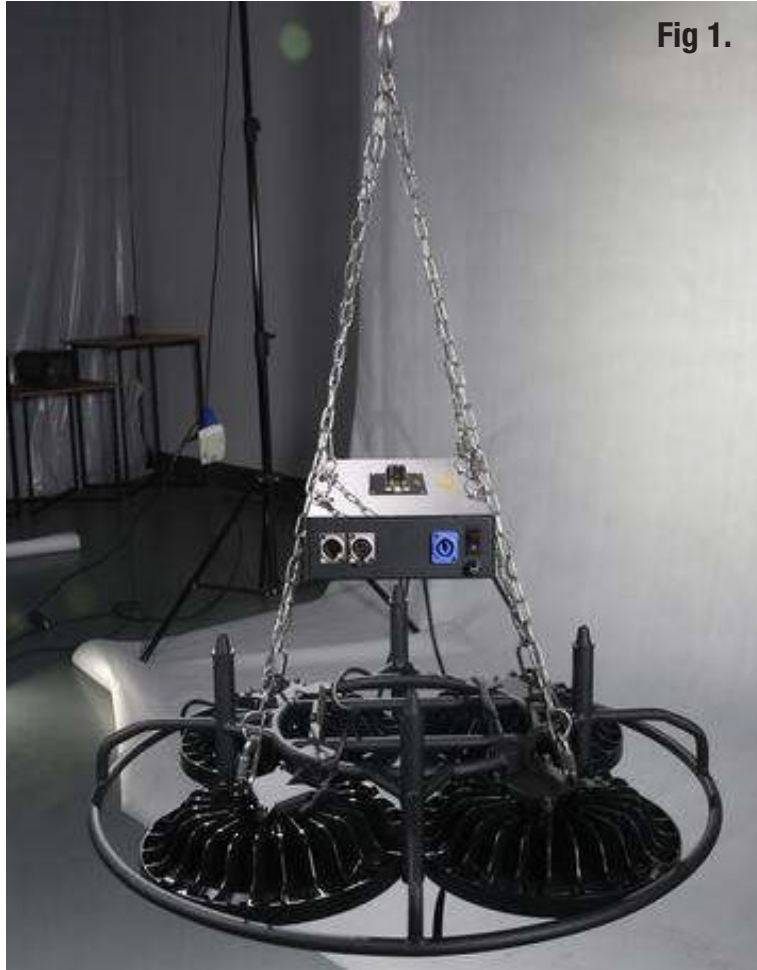


Fig 1.



Fig 2.

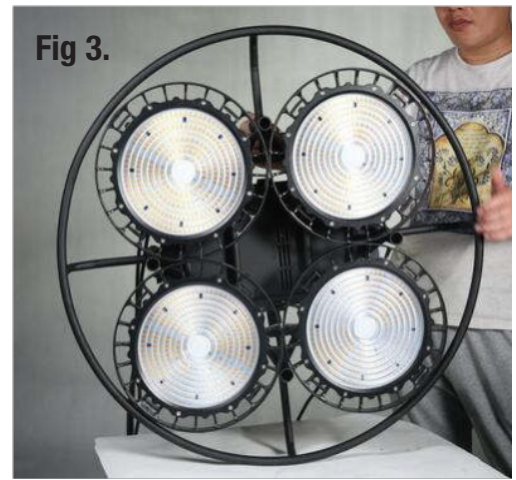


Fig 3.

- Fig 1. **Hanging Chain** : Allows for hanging from any mount or grid
- Fig 1. **Control Box** : Gives local control of the unit
- Fig 1. **Control Box** : Allows use of DMX connections
- Fig 1. **Control Box** : Individual attachment of power/control cables
- Fig 1. **Control Box** : Powercon connection
- Fig 1. **Control Box** : ON/OFF Power Switch
- Fig 2. **LCD Display** : Setting up and modification parameter
- Fig 2. **Adjustable Knob** : Changing color temperature & luminance intensity
- Fig 2. **Function Key** : Function selection and page turning
- Fig 2. **Menu Control** : Adjustment of the menus for desired color temperature
- Fig 3. **Light Frame** : The metal frame keeps the lights close together
- Fig 3. **LED Lights** : Fresnel lens on the LEDs help disperse the light
- Fig 3. **LED Lights** : Bi-Color LEDs allow for proper color needs

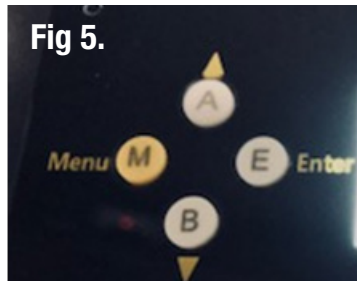
What's Included

The 720 Watt Space Light includes 1 x Space Light ring, 1 x Diffusion Skirt, and 1 x Black Skirt. Please check for all the supplied pieces when you receive the fixture. If anything is damaged or missing, please save the packing materials for replacement and repair of products in the future.

Installation & Power Supply

Connect power cable before connecting the AC power cable with DCIN connector.

Press switch of the light (ON/OFF) to go to the default screen, as shown in **fig. 4** of the control panel - LCD screen



Menu Manual & Instruction

Control Panel Function

In Fig. 4 above, LCD control panel shows company logotype, the percentage of brightness and color temperature, and input voltage. (If using DMX control, it will show "DMX" on LCD Screen.

In Fig 5 above, the letters "M" "A" "B" and "E" are control buttons.

The four button shortcuts are as follows:

"M" Button : Menu Button, pressing it takes the user to menu setting mode.

"A" Button : Allows user to change the color temperature, and brightness. It also allows scrolling up and down through the menu tree.

"B" Button : Setting up mode, strobe, and allows scrolling up and down through the screen.

"E" Button : ON/OFF power switch

Button Shortcut Function

"A" Button is featured by shortcut function with following details: In Fig. 6 the control panel shows adjustable brightness, the adjustable knob can change the brightness. In Fig. 7, the control panel shows adjustable color temperature, the adjustable knob can change the color temperature.

"B" Button is featured by shortcut function with following information. As shown in Fig. 8, is Bi-Color temperature mode screen, change the color temperature through adjustable knob. As shown in Fig. 9 is strobe mode screen, change the frequency through adjustable knob.

Menu Settings

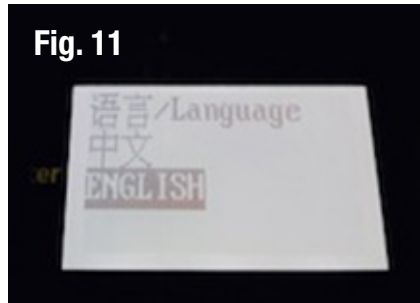
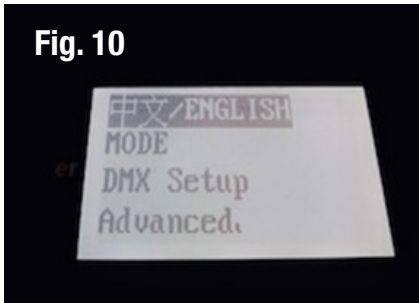
Chinese-English Interface

Fig. 10 Menu Setting Screen

Fig. 11 Languages Selection Mode Screen

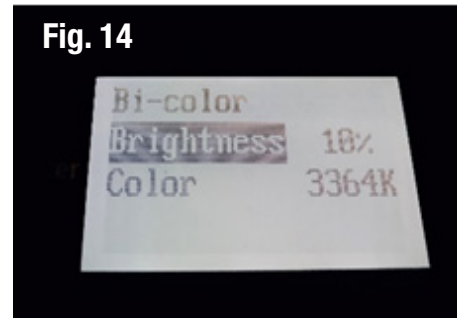
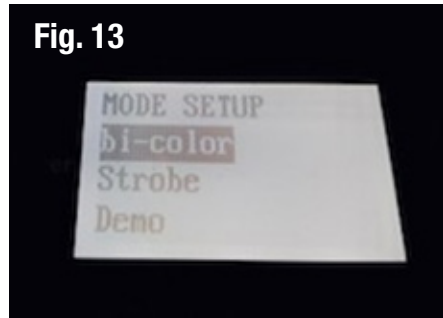
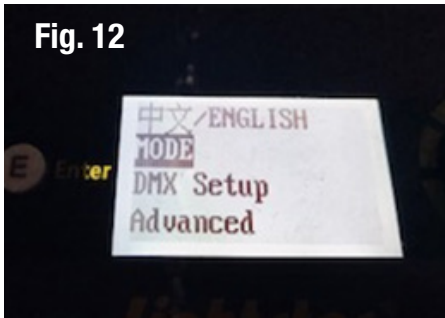
Press Button "E" and confirm.

Instruction: In Fig.11, through the button "A" or "B" choose the language (English or Chinese) with keyboard, pressing button "E" to go to the languages selection screen. Press button "M" to go back to menu setting screen.



Bi-Color Temperature Mode Screen

In Fig. 12, brightness can be adjusted by knob. Pressing "B" button to go to choose "Color". Set up "Color Temperature" through adjustable knob.



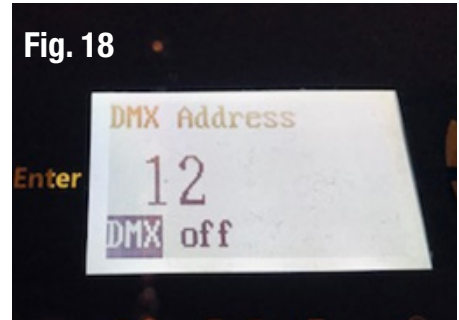
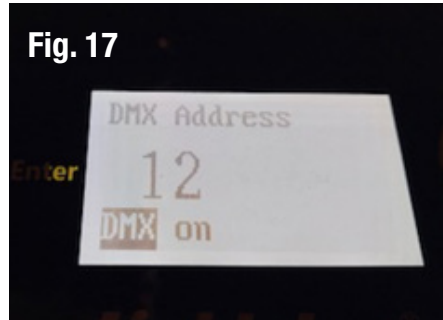
Strobe Mode Screen

In Fig. 15, change the brightness of strobe mode through adjustable knob, pressing "B" button to choose the color temperature, frequency and duty in strobe mode screen, change the parameter through the adjustable knob.



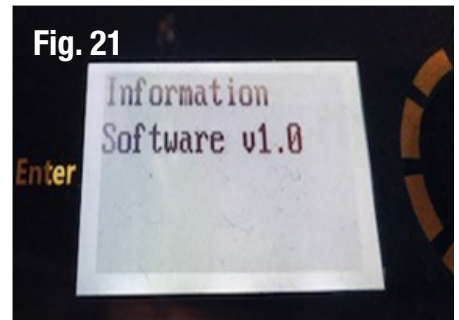
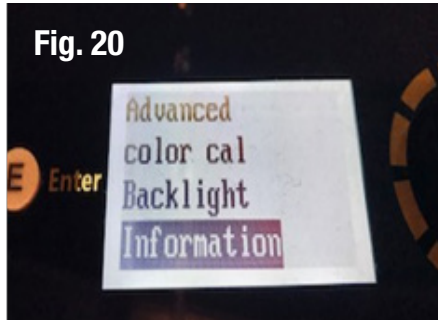
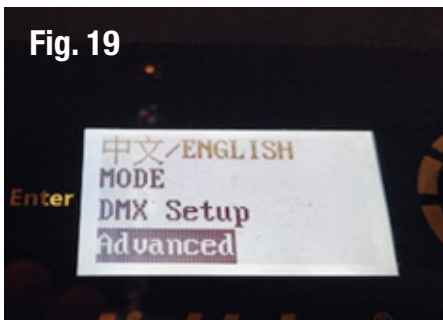
DMX Address Setting

As shown in Fig. 17, it can receive the signal of DMX, as shown in Fig. 18, it is banned from receiving DMX signals. Pressing "A"&"B" button to change DMX address. It can also be changed by adjustable knob.



Software & Color Temperature Correction Function

In Fig. 19, it was featured by color temperature correction function, it is ONLY for the manufacturer. If customers need this function, please contact manufacturer for more information. As shown in Fig. 21, it is displaying software information.



Backlight Time

Backlight time can be set from 10-255 seconds.

Notice & Maintenance

1. LED Space Lights working temperature range must be guaranteed between $-20^{\circ}\sim+40^{\circ}$, overheating & under cooling will reduce the LEDs working life.
2. Products must be placed on a stable, dry and flat surface, the surface temperature should be less than 50° . Avoid exposure to sunlight and operating in the environment with high humidity or explosive gas.
3. Don't beat, knock or shake the lighting equipment during the operation, or else it could interfere with the normal use of the light.
4. We recommend professionals operate, and maintain the LED Space Light. If the LED Space Light doesn't work normally, please contact Lightstar after-sales service department. Please don't try and disassemble/re-assemble by yourself.
5. Please store the LED Space Light in a cool and dry place when not in use.

Troubleshooting

Failure	Failure Cause	Troubleshooting
Lamp is out	The power is connected incorrectly, or the power switch wasn't turned on	The power is connected incorrectly, press the power switch
	Turned off the fixture with "B" Button	Turn on the fixture with "B" Button
During the operation, the lamp is out	Overheat protection was started by long duration or environment temperature	Turn off the power and restart the lamp again when temperature cools down
	Diodes or circuit damage	Contact company for repairing or replacing the new diodes
	Overheat protection was started by fan's damage	Contact company for repairing or replacing the new fan

Specifications

Fixture Specifications	
Beam Angle	360°
Build Material	Aluminum / Steel
Color Temperature	3200K-5600K
Cooling System	Air-Cooled
Fixture Size	5 x 30 x 5 in.
Fixture Weight	44 lbs
Power Supply	110-220 VAC

Learn More

More dynamic information at official website: www.ikancorp.com

Support

Contact email: support@ikancorp.com

CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

Free Service will not be Provided in the Following Situations:(*Even if the product is still within the warranty period.)

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.

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