T1370-X-S4

Adjustable color temperature illuminance fill light

Provide professional lighting environment for camera lens evaluation system

T1370-X-S4 Tunable color temperature illuminance fill light adopts LED light source with high power, high illuminance, long life and stable color temperature to provide professional lighting environment for camera lens evaluation system.

PRODUCT CHARACTERISTICS

Color temperature adjustable, color temperature adjustable range: 2300K-10000K.

The illumination is adjustable, the dimming range is 1 meter: 1-7000lux.

Frequency adjustable, frequency adjustment range: 1--100KHz

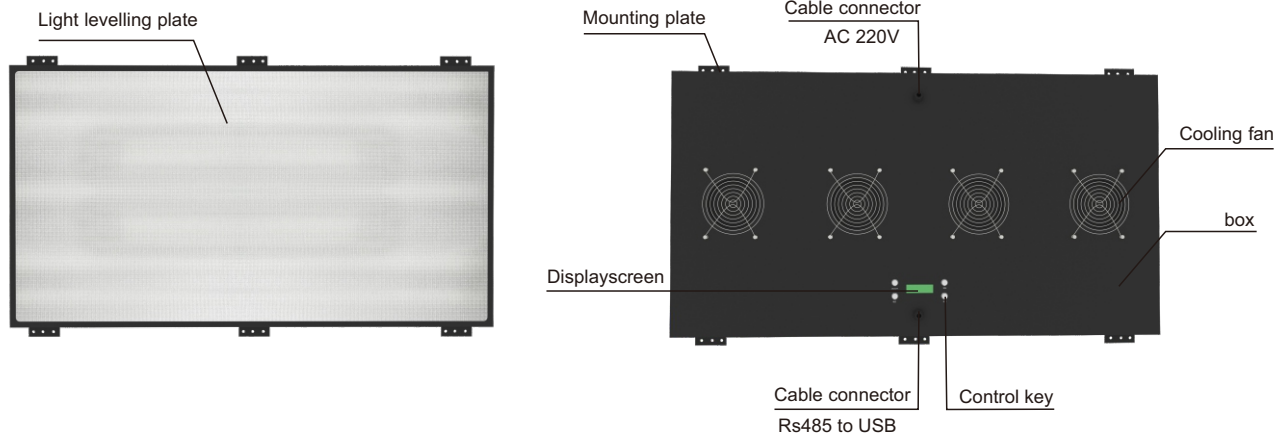Life span more than 60,000 hours.

It can be connected to the computer through the R485 to USB cable and controlled by the upper computer software. (optional)

The lamp group is equipped with LED light source with high display finger, no stroboscopic, long life and stable color temperature.
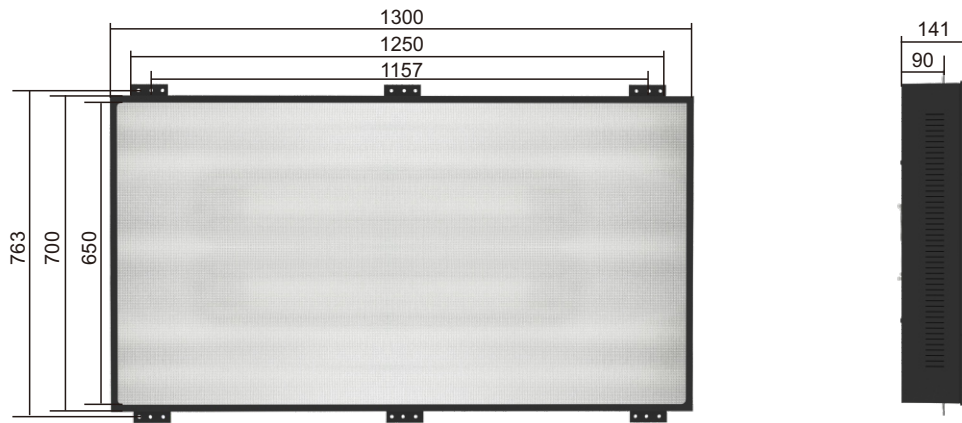
PRODUCT STRUCTURE

T1370-X-S4 Tunable color temperature illumination light (as shown below) is mainly composed of: box, levelling plate, test card slot, transmission panel, light source switch, test card fixing screw, power socket, power switch, light source control box and other components.
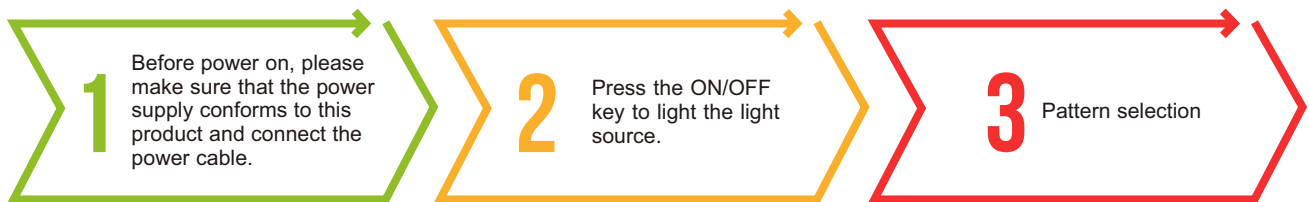
Light levelling plate

Mounting plate

Cable connector
AC 220V

Cooling fan

box

Displayscreen

Cable connector
Rs485 to USB

Control key

PRODUCT SPECIFICATION

Unit: mm

1300
1250
1157

141
90

763
700
650

T1370-X-S4 Tunable color temperature Illuminance fill light dimensions

OPERATION INSTRUCTION

1 Before power on, please make sure that the power supply conforms to this product and connect the power cable.

2 Press the ON/OFF key to light the light source.

3 Pattern selection

MODE SELECTION OPERATION INSTRUCTIONS:

Click the mode key, make the arrow point to C, enter the color temperature mode, press the "increase" key or "reduce", every click, the color temperature changes 1%, hold still can quickly change the color temperature.

```
→C:100%    L:50.5%
 F:15KHZ      1# ON
```

Color temperature mode

Click the mode key, make the arrow point to L, enter the dimming mode, press the increase key, the light source becomes brighter, each press, increase 0.1%, hold still can continue to increase. Press the Reduce key, the light source darkens, each press, reduce 0.1%, hold still can be continuously reduced. The change between 10% and 10% is 0.01%

```
 C:100%   →L:50.5%
 F:15KHZ      1# ON
```

Dimming mode

Click the mode key, make the arrow point to F, enter the frequency adjustment mode, press the increase key, the frequency increases, every click, increase 0.1KHz, hold still can be continuously increased. Press the reduce key, the frequency is reduced, each press, reduce 0.1KHz, hold still can be continuously reduced.

```
 C:100%    L:50.5%
→ F:15KHZ     1# ON
```

Frequency regulation mode

Press and hold the mode key to enter the screen for setting the ID of the light box. The default ID of the light box is 1. Every time you press the Add key, the ID+1, and every time you press the Reduce key, the ID-1. Press and hold the mode key again to return to the home screen.

```
STE 1#
```

Light box ID setting page

- Place the probe of the illuminometer on the transmission surface of the light box and adjust the brightness and color temperature of the light box according to the needs.

- Adjust to the required illumination, preheat for 5-10 minutes, when the light color is stable, you can test and use.

- Press the ON/OFF key to turn off the light source.

- Connect the RS485 to USB cable to the RS485 serial port and the USB port on the computer. It is controlled by the upper computer software.

MATTERS NEEDING ATTENTION

1. Pay attention to the use of appropriate power supply, check the power label on the back of the light box before use.

2. When placed, the minimum spacing between each light box or between the light box and the wall should be 50cm. Ensure a safe distance between light boxes and flammable and combustible materials. It should be placed in a ventilated and cool place (such as a fan or air conditioner blowing wind to the location).

3. It is recommended that the continuous use time should not exceed 2 hours under the highest illumination condition.

4. The light box cannot be used in an explosive environment.

5. Note that the light box cannot be placed in the vicinity of wet water, water pipes and fire water sprinkles, and the surrounding environment should be kept dry.6. Use a clean, non-lint white cloth with a small amount of neutral detergent water or water to remove stains on the surface of the light box, prohibit chemical solvents to wipe and scrape with hard objects.

7. When maintaining the light box and replacing the light source, the main power supply should be cut off.

MAINTENANCE

1. The free warranty period of the light box is one year.

2. When maintaining the light box, turn off the main power supply and unplug the power cord.

3. Clean and clean the light box regularly (recommended once a month). For example, when there is dust or handprints, mimeprints and other stains and stains on the light box wall, bottom plate and reflector board, a clean white soft cloth can be dipped with water or water containing neutral detergent to gently wipe away the dirt. It is strictly prohibited to use hard objects to scrape and chemical solvents to remove the dirt, so as not to destroy the surface coating of the light box wall.

4. If the surface coating of the light box is damaged or discolored, it should be replaced.

5. In case of failure, please contact the manufacturer in time. Do not replace the parts by yourself, so as to avoid safety risks or damage to the light box.

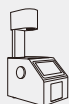| Item	Argument
Color temperature adjustable range	2300K-10000K
The illumination is adjustable, the dimming range is 1 meter	1–7000Lux
Frequency adjustable, frequency adjustment range	1–100KHz
Light box box dimensions	1300mm*700mm* 141mm(L*W*H)
Light box transmission surface dimensions	1250mm*650mm(L*H)
Use environment	0-45°C, relative humidity below 85% (non-condensing)
Input voltage	AC210-240V 50/60Hz Maximum power consumption 1200W
Net weight	10.8Kg

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