



Guangdong Threenh Technology Co., Ltd.

# T8B-4-2HW Photo fill light box

Camera test special fill light box



ISO9001



National high-tech enterprises through the ISO9001 certification

## Product introduction ▶

High power

High light

Strobo-free

Long-life

Color temperature stabilization

T8B-4-2HW photography fill light box is a special fill light box for camera testing. This product uses LED light source with high power, high illumination, no strobe, long life and stable color temperature to provide professional lighting environment for the camera lens evaluation system, and is suitable for the test of large size picture card.

T8B-4-2HW provides a set of adjustable illumination/tunable color temperature visible light and a set of infrared light, mainly composed of: left fill light lamp, right fill light lamp (left and right fill light lamp is exactly the same, interchangeable position) and light source control box.

## Product characteristics ▶

The irradiation surface is uniform, and the position and Angle of each light box can be flexibly moved and adjusted according to different needs to obtain the best illumination uniformity.

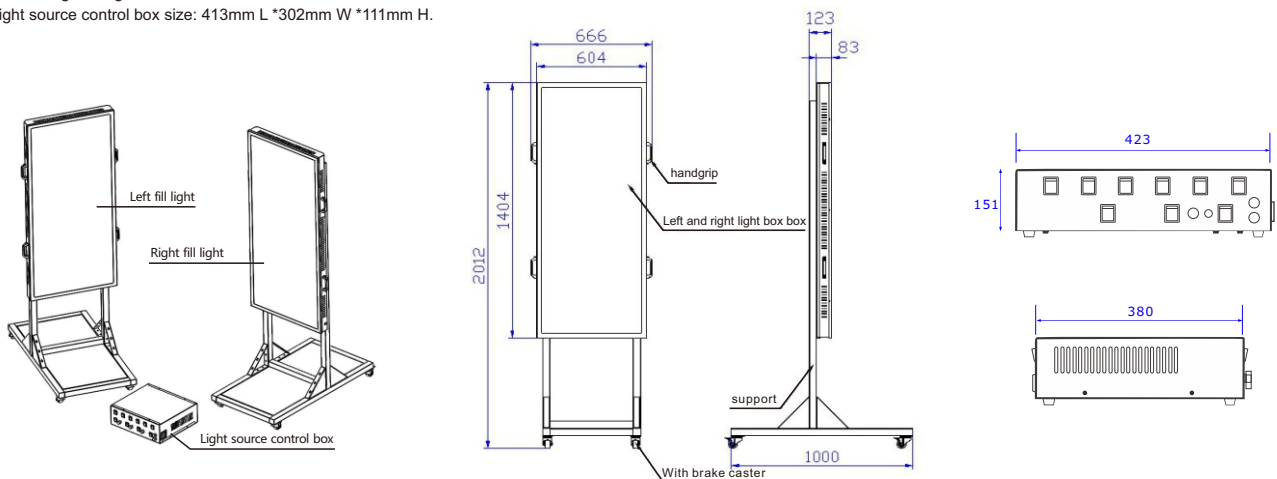
Light box light source consists of visible light and infrared light. Visible part: Color temperature can be switched, color 3000K, 5000K, 6500K and 8500K.

Illuminance is adjustable, and the dimming is divided into high illuminance dimming and low illuminance dimming. Among them, the low light dimming file contains two thick and fine dimming knobs, dimming more accurate. The illumination adjustment range is 0.5 m from the light box to 5000LX(the highest illumination is related to the position of the light box, subject to the actual test).

Infrared part: equipped with wavelength 850nm, 940nm LED light source, other wavelengths can be selected. The infrared irradiation intensity is adjustable, and the irradiation intensity is greater than 400uW/CM2 at 0.5 meters away from the light box.

## Product specification ▶

Left and right fill light box box size: 666mm L \*1000mm W \*2012mm H.  
Light source control box size: 413mm L \*302mm W \*111mm H.



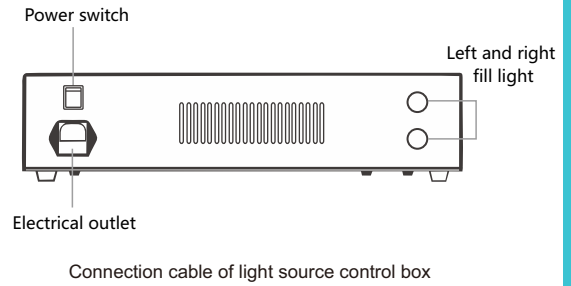
T8B-4-2HW Photo fill light box

Left and right fill light box box size

Light source control box size

## Control box operation instructions

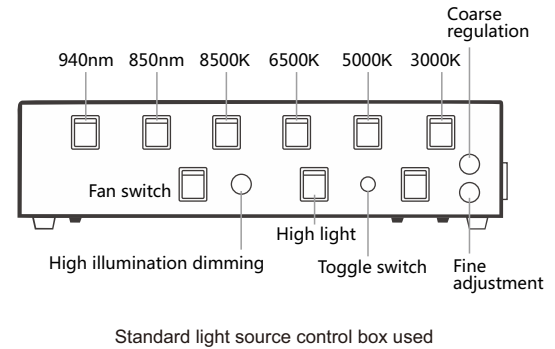
1. Before powering on the power supply, ensure that the power supply of the product is connected, and connect the power cable and the light box connection cable. Connect the cable of the light box to the interface of the light source control (as shown on the left). The interfaces of the left and right fill light boxes can be interchangeable with each other.



2. The control box controls both visible and infrared light (as shown on the left). See the light control method as follows:

The infrared switch must be off, turn on the desired color temperature light source switch high illumination dimming: turn the toggle switch to high illumination, turn on the high illumination switch, and turn the high illumination dimming knob for dimming.

Low light dimming: turn the toggle switch to low light, open the low light switch, and rotate the coarse and fine dimming knobs of low light dimming for dimming.



3. After adjusting to the required illumination, preheat for 5-10 minutes, and then test and use after the light color is stable.

## Infrared light source control method is as follows:

The visible light switch must be turned off. Turn on the infrared light switch with the required wavelength.

If low irradiation intensity infrared light is needed, turn the toggle switch to low illumination, open the low illumination switch, and rotate the coarse and fine adjustment knobs of low illumination dimming for dimming. The "fine adjustment" knob allows for finer adjustment of irradiation intensity.

If infrared light with higher irradiation intensity is needed, toggle the switch to high illumination, open the high illumination switch, and rotate the high illumination dimming knob for higher irradiation intensity dimming.

## Product parameter

Left and right fill light box box size	666mm L *1000mm W *2012mm H
Light source control box size	423 mmL *380mm W *151mm H
Use environment	0-45°C, relative humidity below 85% (non-condensing)
Input voltage	AC 220V 50/60Hz Maximum power consumption 500W (optional 250W)
Net weight	Optional 120Kg

## 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. Ensure a safe distance between the light box 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. The light box cannot be used in an explosive environment.
4. Note that the light box should not be placed in the vicinity of wet water, water pipes and fire water sprinkles, and the surrounding environment should be kept dry.
5. 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.
6. When maintaining the light box and replacing the light source, the main power supply should be cut off.

## Maintenance

1. The light box comes with a one-year free warranty.
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 light box surface coating 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 to avoid safety risks or damage to the light box.

## GUANGDONG THREENH TECHNOLOGY CO., LTD.



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