

Tota Light Kits



Tota Light (x2)

Tota Light Power Cord (x2)

Stand (x2)

Tenba Case

30" Umbrella (x2)

500W Tungsten Bulb (x2)

Stands

Four adjustment knobs should be checked carefully to avoid accidents or loose attachments.

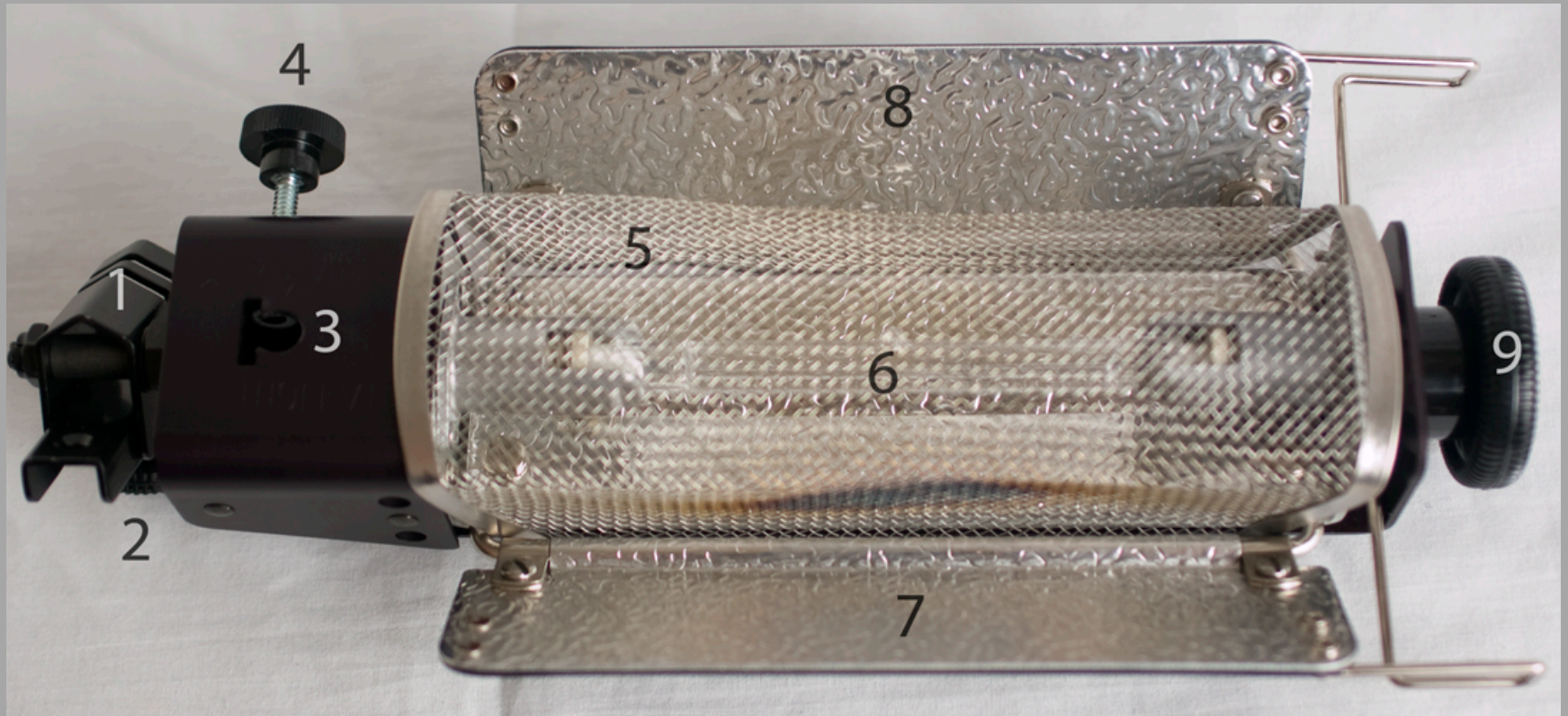
Lower legs should be extended out to provide an **adequate footprint**.

Secure height extensions.



Tota Light Parts

- | | | | |
|---|-------------------|-------|-----------------------|
| 1 | mount for stand | 5 | protective screen |
| 2 | lock for stand | 6 | 500 watt halogen bulb |
| 3 | slot for umbrella | 7 & 8 | reflective doors |
| 4 | lock for umbrella | 9 | large cool knob |



Tota Lights

Attach power cord securely to unit. Plastic parts of cord break easily. Do not drop them.

Secure unit to stand by tightening knob located behind stand mount.

Operate lights with bulb in a **horizontal position**.



Tota Lights

Never position unit face down.

Avoid operating lights near **water**.

Never leave a lit fixture unattended.

Units emit considerable amounts of **heat**.
Allow time for cooling before touching the unit
or returning it to the case.

Do not place more than one lighting unit into
a single plug. Otherwise the breaker may flip,
or the light may flicker.



Tota Lights

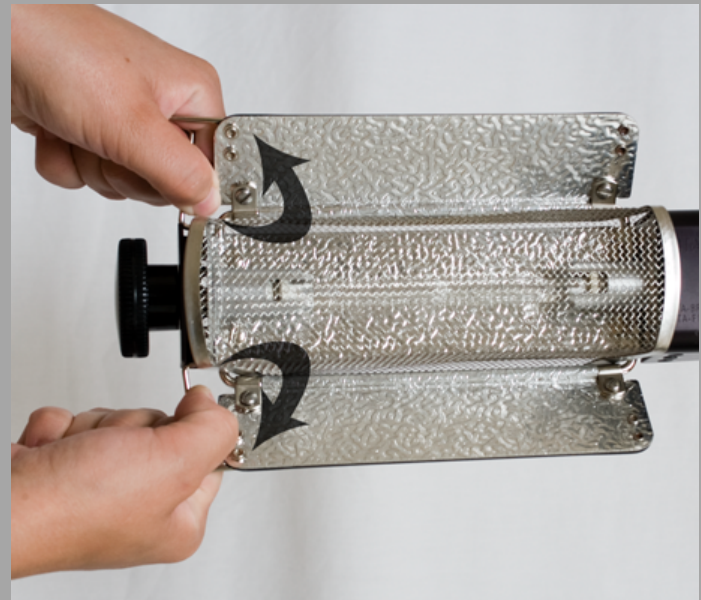
Never touch the bulb with bare hands. Oils from our hands can cause bulb to explode, so use gloves, cloth or paper towel.

Always operate unit with doors in the open position. Doors are closed for storage only.

Always operate with protective screen.

The screen prevents accidents, i.e. the potential explosion of the bulb.

Do not interfere with ventilation.



Tota Lights

Lights are equipped with 500 watt halogen bulbs. Please consult an instructor or lab assistant if you need a replacement bulb.

Color temperature of tungsten bulb is 3200 Kelvin.

To avoid a yellow-orange color cast:

If shooting **digital**, use the white balance setting for incandescent (3000K) or set the Kelvin temperature to 3200 degrees, or create a custom preset, when possible.

If shooting with **color daylight film**, use correction filter 80A.



Umbrellas

Place umbrella in slot and secure to unit by tightening knob. Do not over tighten.

To avoid fire, **do not place the umbrella too close to unit.**

Extra weight may cause the stand to become top heavy.



Umbrellas

To use the umbrella as a diffuser, carefully remove black cover.

Gently pull metal tabs off frame of umbrella. **Use caution to avoid ripping metal ring or plastic screw knob from center of fabric.** Replace cover when done.



Tungsten Lighting Care Basics: Lowel Totalights 1

- The color temperature of the Totalights is 3200°K.
- Open up the lighting unit, as the "barn-doors" are usually in the closed position for storage.
- Keep the screen in place, especially when photographing people. The screen is designed to prevent accidents, as in the potential explosion of the bulb and scattering of glass.
- The light stands have four adjustment knobs that should be checked carefully to avoid accidents or loose attachments. The lower tripod like legs should be extended out to provide an adequate footprint. Height extensions should be secure.
- The lamps usually take a 500 watt bulb. Students should consult with instructor for replacement bulbs.
- The bulbs should not be touched without gloves, a cloth or paper towel when they are inserted into the lamp. The oil from one's hand can cause the bulb to explode (hence the need for screens as noted above).

Tungsten Lighting Care Basics: Lowel Totalights 2

- Never place the hot bulb/unit where it is pointing face down, as heat can collect and burn the unit (which has happened at least once!)
- Avoid placing the bulb close to an umbrella, as the umbrella may catch fire. (which has happened on more than one occasion!)
- Don't place more than one lighting unit into a single plug, or area covered by a single breaker. Otherwise the breaker will flip or the light will flicker on and off.
- Avoid using the hotlights, or any electrical lighting equipment, near water.
- Allow for time to the "hotlights" to cool down, prior to placing them back in the lighting case.
- Remove the black cover carefully from the umbrella, to avoid ripping the ring off the center of the fabric. Replace the black cover on the umbrella when finished, so that it is ready for the next student who will check out the equipment. Treat the umbrellas with care, so that they will last!
- Coil the power cords and replace them in the bag.