



## 220W Zoom Ellipsoidal spotlight (full color )

TL-BS301



### Feature

1. Color temperature: 2700-10000K adjustable, adjustable by console and manual knob. When adjusting the color temperature with the knob, the corresponding color temperature value will be displayed on the display. Each 100K color temperature gear, the brightness error during the color temperature adjustment process from 2700K to 10000K does not exceed 10%, the average color temperature error at large and small angles does not exceed 3%, the average color temperature error at the center and edge of the spot does not exceed 3%
2. Color temperature and color mixing consistency of multiple products: LED full-color spotlights have greater misunderstandings about the color temperature and color mixing consistency of multiple products than LED full-color panel lights. Because the spotlight will pass through multiple optical components during the light emitting process, the light source and optical parts have certain errors, so the LED full-color spotlight will have a larger error than the LED full-color flat panel light.
3. CRI: average  $\geq 94$
4. TLCI: average  $\geq 93$
5. DUV: It can be adjusted positively or negatively. The average range can be adjusted from +0.018 to -0.02. It can be adjusted by the console and manual knob. When the knob adjusts DUV, the positive and negative range will be displayed on the display.
6. Color: Support 360° hue adjustment, and can also be mixed into various colors through 4 monochrome adjustments of red, green, blue, and warm white.
7. Product output luminous flux: 2700K/7100 lm, 3200K/7200lm, 5600K/7000 lm, single red /750 lm, single green /1860 lm, Single blue /520 lm
8. Light angle: 16-60° adjustable
9. Optical system: The outside uses  $\phi 162$  Fresnel lens, and the inside uses self-developed super uniform color mixing optical components
10. Control mode: DMX signal control or manual button and knob operation, with knob dimming, color temperature adjustment, DUV adjustment, and focus adjustment functions
11. Dimming: more than 16 bits, smooth linear dimming output without jitter, no delay in dimming, dimming refresh frequency above 20K (20000Hz)
12. Color temperature adjustment: The color temperature adjustment process is smooth and linear without jitter. The color temperature can also be adjusted at 0.5% brightness.
13. Focusing method: electronic focusing or manual knob focusing. The external lens is telescopic for focusing. It can also be customized to keep the external lens stationary and the inner optical component to telescopic for focusing.
14. Motor reset: The motor will not reset automatically every time the product is powered on. If the product is powered on after the last set focusing position, the product will directly maintain the original focusing position and the motor will not reset again.
15. Noise protection: without fan cooling;



## 220W Zoom Ellipsoidal spotlight (full color )

### TL-BS301

#### Specification

<b>Input voltage</b>	AC 110-240V 50/60Hz
<b>Rated power</b>	220W
<b>Light source</b>	The whole lamp uses a module light source composed of 24 5050 RGBW LED light sources. The power of a single 5050 RGBW LED light source: red 3W, green 5W, blue 5W, warm white 10W
<b>Average life</b>	50000 H
<b>Total luminous flux output</b>	7200 Lm
<b>Spot angle</b>	16-60°
<b>CRI</b>	ra: ≥94, r9: ≥90
<b>Color temperature</b>	2700-10000K linear adjustment
<b>Control mode</b>	DMX512, built-in program self-propelled, master-slave online mode, supports RDM protocol.
<b>Channel</b>	5/11 channel
<b>Protection level</b>	Ip20
<b>Fixture structure</b>	aluminum alloy
<b>Fixture size (L×W×H)</b>	55X28.5X28.5CM
<b>Packing size (L×W×H)</b>	62X34X40CM
<b>Gross weight</b>	13kg
<b>Net weight</b>	11.2kg