

ZOLAR™ Toliman 30S

Product Specifications

LED Type	Bi-color, Full Spectrum
White Light	3,200K to 5,600K continuously variable correlated color temperature
Light Diffusion System	25° lens array + ZOLAR Stylist
Color Rendition	CRI: Ra ≥ 97 (R9 & R12 up to 95), TLCI ≥ 98
Spectral Similarity Index	SSI up to 90
Light Aperture	250mm x 250mm (9.84" x 9.84")
Dimming	0 ~ 100 % continuous (Main Unit Controller 0.1% precision), different dimming curves, smooth dimming down to zero without color shift.
Color Temperature Tolerance	+/- 100 K (nominal)
Tilt Angle	± 360°
Handling	Aluminium Yoke, Tilt Lock Clamping Lever, Pole Operation for pan & tilt
Mounting	16 mm / 28 mm Combo Pin (Baby 5/8" / Junior 1-1/8" Combo Pin) / 28 mm Spigot (Junior Pin)
Multi Light Sync	ZolarLink - Multi Light Sync Protocol, up to 16 groups with 60 slave units maximum per group (wireless)
Control	Main Unit Controller
Remote Controller	Remote Controller, cable length 5m (16.4 ft)
Wireless Control	Wi-Fi, Bluetooth, ZOLAR™ Mobile App, Art-Net 4 & sACN protocol
Power Input	36V, 4.16A DC
Power Connection	Male 3-Pin XLR - 15A (Pin 1: Negative / Pin 2: Positive)
Battery Input	V-Mount, 12.8 ~ 16.8V
Power Consumption	140 W maximum
Cooling System	Low Noise Fan mode (Auto, High, Mid, Low)
Ambient Temperature Operation	-20°C ~ +45°C (-4°F ~ +113°F)
Estimated LED Lifetime	50,000 hours (L70)
Estimated Color Shift Over Lifetime (CCT)	± 5%
Weight (Main Unit) <small>- Main Unit + ZOLAR Stylist W</small>	4.36 kg / 9.61 lb
Weight (Main Unit) <small>- Main Unit + ZOLAR Stylist W + Yoke</small>	5.22 kg / 11.51 lb
Weight (Full Package) <small>- Main Unit + ZOLAR Stylist W + Yoke + AC DC Power Adapter + Remote Controller + Packing Materials</small>	9 kg / 19.84 lb
Measurements (HxWxL) <small>- Main Unit + Yoke</small>	475 x 420 x 157 mm / 18.70 x 16.54 x 6.18 inch
Measurements (HxWxL) <small>- Full Package</small>	580 x 535 x 245 mm / 22.84 x 21.06 x 9.65 inch
Certifications	CE, FCC, UKCA, SRRC



ZOLAR™

The Sun is the limit

ZOLAR™ professional LED lighting system is developed by Shenzhen ImagineVision Technology Limited, the same successful team that created Z CAM Cinema Cameras. ZOLAR™ products are developed with profound color science knowledge, leading image processing algorithms, as well as camera lens and sensor calibration expertise. Delivering high fidelity color reproduction and excellent color rendition with performances very close to natural daylight.

Our in-house developed “Self Adaptive Spectral Nonlinear Dynamic Illuminance Calibration System” eliminates the inconsistent LED performance issues. In addition, our revolutionary solution allows a mixture of ZOLAR™ light series to be used simultaneously without any visible color deviation (color matching mode will be added to other ZOLAR™ series).

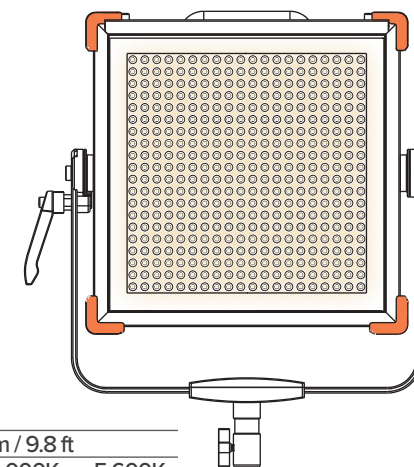
ZOLAR™ Toliman is a Bi-color LED light panel series targeting professional video productions. Its excellent soft light performance and high fidelity color reproduction has set a new benchmark for the industry. Designed with dual full spectrum LEDs to deliver continuous light spectrum across full CCT range with exceptionally high CRI & TLCI scores, particularly in R9, R12, R13 & R15. No compromise.

Spectral Similarity Index (SSI) is developed by The Academy of Motion Picture Arts and Sciences to evaluate the fidelity of color reproduction particularly for LED light, from a single chip CMOS digital camera point of view. It quantitatively compares the spectrum of the test light with that of a desired reference light source, expressing the similarity as a single number on a scale up to 100. High values indicate a high likelihood of high fidelity color reproduction by most cameras. SSI of ZOLAR™ Toliman is close to or exceeds 90, across full CCT range (3,200K ~ 5,600K), a leading standard in the industry.

Higher score implies higher fidelity color reproduction, particularly the skin tone. This is exactly why these scores exist.

ZOLAR™ Toliman 30S - Product Highlights

- CRI: Ra ≥ 97 (R9 & R12 up to 95), TLCI ≥ 98;
- Spectral Similarity Index SSI up to 90;
- Low power consumption high output: Input ≤ 120W, Output ≥ 4,680 lx at 1m / 3.28ft;
- Revolutionary 25° optical design lens array to boost illuminance.
- ZOLAR Stylist precision directional super light transmissible panel: control beam angle, light diffusion, no color shift;
- Multi Light Sync - ZolarLink (wireless), rapid auto sync grouping;
- Supports Art-Net 4 & sACN (through wireless connection);
- Built in Light Effect for different scene applications;
- Bluetooth + WiFi mixed control: Remote Controller, mobile app (iOS & Android).



Photometric data **

Beam Angle: Side A 40°, Side B 88°

		1 m / 3.3 ft			3 m / 9.8 ft		
ZOLAR™ Toliman 30S	Beam Angle	CCT: 3,200K	4,000K	5,600K	3,200K	4,000K	5,600K
w/ ZOLAR™ Stylist W*	40°	4,096 lx 380 fc	4,295 lx 399 fc	4,680 lx 434 fc	510 lx 47 fc	534 lx 49 fc	583 lx 54 fc

* Side A facing outward.

** All measured values are average numbers. There is a certain variance in different products.

Warranty Period: 12 months

Disclaimer:

All product features and technical specifications stated are subject to the sole interpretation and explanation of Shenzhen ImagineVision Technology Limited, and subject to change without notice.

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