

ZOLAR™ Toliman 30C

Product Specifications

LED Type	Bi-color, Full Spectrum
White Light	3,200K to 5,600K continuously variable correlated color temperature
Light Diffusion System	Reflective Membrane + ZOLAR Stylist
Color Rendition	CRI: Ra ≥ 98 (R9 & R12 up to 98), TLCI ≥ 98
Spectral Similarity Index	SSI up to 90
Light Aperture	240mm x 240mm (9.45" x 9.45")
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); up to 32 units maximum per group (cable)
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
Remote Device Management (RDM)	DMX Setup, Standard RDM commands
Ethernet DMX	Ethernet connectivity, Art-Net 4 & sACN protocol 5-Pin DMX In, 5-Pin DMX Out
Power Input	48V, 5.2A DC
Power Connection	Male 3-Pin XLR - 15A (Pin 1: Negative / Pin 2: Positive)
Battery Input	Dual V-Mount, 12.8 ~ 16.8V (180Wh min.)
PSU	110 ~ 240V, AC loop out, powerCON
Power Consumption	250 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)	3.67 kg / 8.09 lb
- Main Unit + ZOLAR Stylist W	
Weight (Main Unit)	4.53 kg / 9.99 lb
- Main Unit + ZOLAR Stylist W + Yoke	
Weight (Full Package)	11.58 kg / 25.53 lb
- Main Unit + ZOLAR Stylist W + Yoke + PSU + Remote Controller + Packing Materials	
Measurements (HxWxL)	475 x 420 x 130 mm / 18.70 x 16.54 x 5.12 inch
- Main Unit + Yoke	
Measurements (HxWxL)	580 x 540 x 330 mm / 22.84 x 21.26 x 12.99 inch
- Full Package	
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 30C - Product Highlights

- CRI: Ra ≥ 98 (R9 & R12 up to 98), TLCI ≥ 98;
- Spectral Similarity Index SSI up to 90;
- Power consumption 200W, Output > 7,500 lux at 1m / 3.28ft;
- DMX, Art-Net 4 & sACN + powerCON
- ZOLAR Stylist precision directional super light transmissible panel: control beam angle, light diffusion, no color shift;
- Multi Light Sync - ZolarLink (wireless / cable), rapid auto sync grouping;
- Built in Light Effect (synchronized) for different scene applications;
- Bluetooth + Wi-Fi mixed control: Remote Controller, mobile app (iOS & Android).

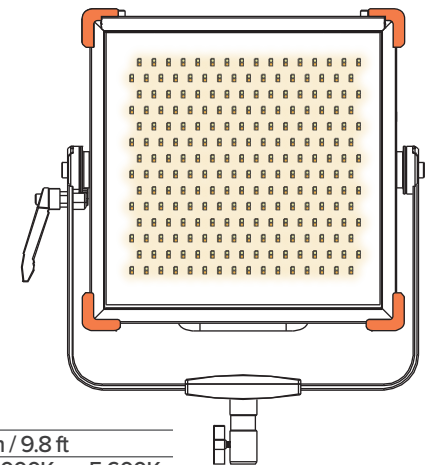
Photometric data **

Beam Angle: Side A 90°, Side B 127°

ZOLAR™ Toliman 30C	Beam Angle	CCT: 3,200K	1 m / 3.3 ft			3 m / 9.8 ft		
			4,000K	5,600K		3,200K	4,000K	5,600K
w/ ZOLAR™ Stylist W*	90°	6,508 lx 605 fc	6,874lx 639 fc	7,504 lx 697 fc		787 lx 73 fc	838 lx 78 fc	918 lx 85 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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