



FRESNEL 50T



COMPACT & PORTABLE
HIGH COLOR ACCURACY
TUNABLE WHITE OUTPUT
2700K - 6500K CTO

- 50W + 50W Warm/Cool LEDs
- High CRI, TLCI, and CQS
- 25°-80° Smooth Manual Zoom
- Durable Metal Construction

FRESNEL 50T is a compact, professional 50W LED Fresnel engineered for applications where performance, portability, and precise light control are essential. Featuring a tunable white color temperature range of 2700K to 6500K and a smooth 25°-80° manual zoom, it delivers exceptional flexibility for both key and accent lighting. With a CRI of ≥ 95 and TLCI of ≥ 98 , the FRESNEL 50T produces outstanding color accuracy for cameras and the human eye, ensuring natural-looking skin tones

and faithful color reproduction. Built with a durable all-metal housing and supporting DMX/RDM control, it integrates seamlessly into professional lighting systems while providing reliable performance in demanding production environments. Ideal for broadcast and news studios, remote and fly-pack productions, podcast and streaming studios, corporate video, educational facilities, museums, galleries, exhibitions, houses of worship, conference rooms, and small event venues.



Art Gallery



Luxury Retail



Remote Shoot

TECHNICAL SPECIFICATIONS

Control and Programming

Modes: DMX, RDM, Menu, Rotary, Master-Slave
DMX Channel: 1/2/3/5

Optics

Light Source: 50W+50W Warm/Cool White LEDs
Color Temperature: 2700°-6500°K
Zoom Range: 25° - 80° Manual
LED Life: 50,000 Hours
Dimming: 0-100% Linear, 5 Curves
Benchmarks: CRI≥95, R9≥90
TLCI 98
CQS 96

Included Accessories

Barn Door
Gel Frame
Safety Cable
Edison to PowerCON Cable

Power Requirements

Peak Power Consumption: 120VA
Mains: AC 100-240V, 50/60Hz
Power Linking: 8 Units maximum

Connections

Data: Locking 5-pin XLR in/out
Power: Seetronic PowerCON in/out

Physical

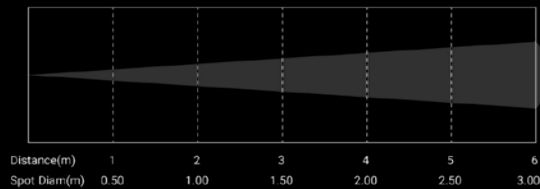
Environmental Rating: IP20
Dimensions (LxWxH): 230 x 156 x 279 mm
Construction: Aluminum, Matte Black
Menu: Numeric LED + Selector Buttons
Weight: 2.2 kg (4.8 lbs)

Warranty

2-year Limited Warranty
(parts & labor)

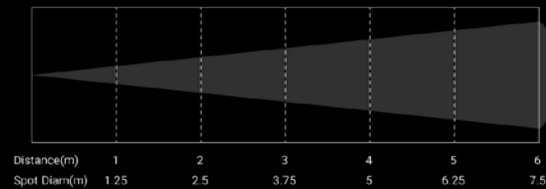
Photometric

WW(lx)	6419	2986	946	543	352	240
CW(lx)	8804	2843	1312	759	495	329
Full on(lx)	7063	2216	1069	610	396	270



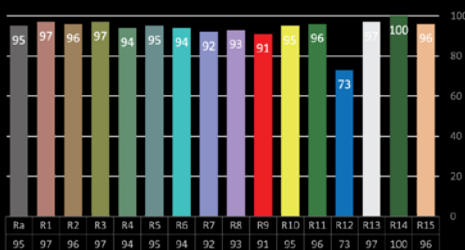
Minimum Zoom (25°)

WW(lx)	1955	602	291	165	114	80
CW(lx)	2688	866	395	230	155	110
Full on(lx)	2150	698	319	185	126	90

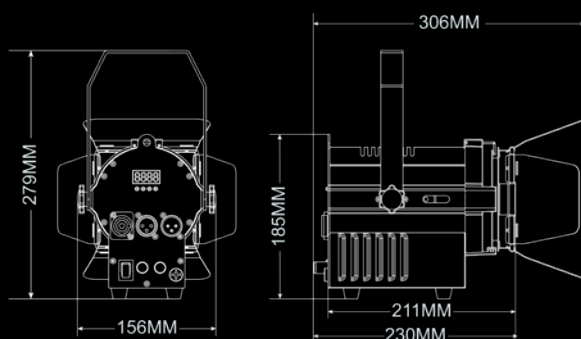
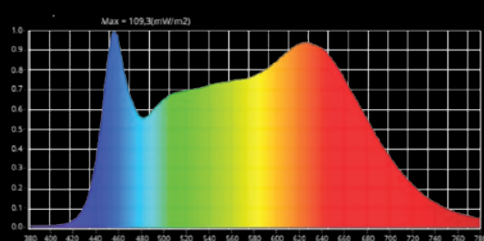


Maximum Zoom (80°)

Color Rendition



Spectrum



www.lumiosled.com



Designed and Engineered in

