

LED Fresnel Spotlight

The performance of a high-output tungsten or hmi fresnel comes together with the advantages of LED technology in the LITH LED FRESNEL Series. The LITH LED FRESNEL Series is a powerful, yet compact fixture that incorporates cutting-edge technology to provide all the benefits of LED lighting in the classic Fresnel design. This means that our fresnel series provides tremendous light output while using very little power and releasing very little heat. Add to this a completely silent, passive, heat-sink cooling system, and the LITH Fresnel series is perfectly suited for most applications. FRESNEL Series LEDs are available in several sizes: L-20FS, L-50FS and L-70FS. Each delivers high output, with minimal heat and a fraction of the power usage of traditional lighting options. All versions deliver continuous 0 - 100% dimming and excellent color rendition across the color spectrum with 95 CRI Surface Mount LEDs. Additionally, FRESNEL Series lights (excluding L-20FS) can be controlled remotely via 3-pin DMX in/out ports or locally with on-board controls. Each FRESNEL Series light includes 4-way barndoors and mounting yoke, making it an all-inclusive fixture. FRESNEL Series lights are also built to the same exacting standards as the rest of the LITH line, and are built entirely on an aluminum alloy frame and chassis, ensuring that they're built to last.

Photometric Data	1.0 m	1.8 m	2.7 m	3.7 m
L-20FST	3201 lux @ 15°	918 lux @ 15°	427 lux @ 15°	248 lux @ 15°
	1866 lux @ 60°	532 lux @ 60°	259 lux @ 60°	158 lux @ 60°
L-20FSD	4386 lux @ 15°	1258 lux @ 15°	585 lux @ 15°	340 lux @ 15°
	2556 lux @ 60°	727 lux @ 60°	355 lux @ 60°	217 lux @ 60°
L-50FST	5936 lux @ 15°	1691 lux @ 15°	823 lux @ 15°	497 lux @ 15°
	4285 lux @ 60°	1061 lux @ 60°	512 lux @ 60°	317 lux @ 60°
L-50FSD	8129 lux @ 15°	2316 lux @ 15°	1128 lux @ 15°	681 lux @ 15°
	5870 lux @ 60°	1454 lux @ 60°	701 lux @ 60°	434 lux @ 60°
L-70FST	10115 lux @ 15°	2882 lux @ 15°	1341 lux @ 15°	796 lux @ 15°
	5236 lux @ 60°	1283 lux @ 60°	621 lux @ 60°	361 lux @ 60°
L-70FSD	13856 lux @ 15°	3949 lux @ 15°	1837 lux @ 15°	1091 lux @ 15°
	7173 lux @ 60°	1758 lux @ 60°	850 lux @ 60°	495 lux @ 60°



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Model	Power Consumption	Voltage Input	Power Connection	Light Aperture	Beam Angle	Tilt Angle	Color Temperature	Color Rendition	Dimming	Heat Management	Controls	Dimension	Weight
L-20FST	20W	DC 36V	AC 90V~240V /47Hz~63Hz	80 mm	15° - 60° Adjustable Beam Angle	90°	3200°K	CRI ≥ 95	0 - 100%	Passive Heat Sink Cooling System	Local On-Board Manual Controls	180x190x300 (mm)	2.20Kg
L-20FSD	20W	DC 36V	AC 90V~240V /47Hz~63Hz	80 mm	15° - 60° Adjustable Beam Angle	90°	5600°K	CRI ≥ 95	0 - 100%	Passive Heat Sink Cooling System	Local On-Board Manual Controls	180x190x300 (mm)	2.20Kg
L-50FST	50W	DC 36V	AC 90V~240V /47Hz~63Hz	112 mm	15° - 60° Adjustable Beam Angle	90°	3200°K	CRI ≥ 95	0 - 100%	Passive Heat Sink Cooling System	Local On-Board Manual Controls	180x230x370 (mm)	4.11Kg
L-50FSD	50W	DC 36V	AC 90V~240V /47Hz~63Hz	112 mm	15° - 60° Adjustable Beam Angle	90°	5600°K	CRI ≥ 95	0 - 100%	Passive Heat Sink Cooling System	Local On-Board Manual Controls	180x230x370 (mm)	4.11Kg
L-70FST	70W	DC 36V	AC 90V~240V /47Hz~63Hz	130 mm	15° - 60° Adjustable Beam Angle	90°	3200°K	CRI ≥ 95	0 - 100%	Passive Heat Sink Cooling System	Local On-Board Manual Controls	250x290x430 (mm)	6.00Kg
L-70FSD	70W	DC 36V	AC 90V~240V /47Hz~63Hz	130 mm	15° - 60° Adjustable Beam Angle	90°	5600°K	CRI ≥ 95	0 - 100%	Passive Heat Sink Cooling System	Local On-Board Manual Controls	250x290x430 (mm)	6.00Kg