



**UNIQUE LED LIGHTS WITH TRUE FRESNEL PERFORMANCE**

The ARRI L-Series is a wide-ranging family of LED Fresnels that provides today's gaffers and lighting designers with the versatility and quality they require in modern lighting fixtures.

**CUT. SHAPE. FOCUS. TUNE.**

The L-Series Fresnels are so close to their conventional tungsten counterparts in function and performance that they create a previously unattainable opportunity: like-for-like replacement of traditional Fresnels with LED-based units. L-Series fixtures were the first LED lights to truly incorporate Fresnel characteristics such as continuous focusability from spot to flood and a smooth, homogenous light field. The fact that L-Series lampheads can be operated in the same way and in the same situations as traditional Fresnels means a zero learning curve for lighting professionals and minimal inconvenience for studios making the switch to LED.



Encompassing multiple power classes, the L-Series offers solutions for almost any application, from large television studios to small interview setups and everything in-between. The L7 is a mid-range model, featuring a 7 inch Fresnel lens and accommodating the vast majority of applications. The L10 is the brightest and largest L-Series lamphead to date. Its substantial 10 inch Fresnel lens and powerful output allows for more distant fixture placement and the wrapping of light around objects in a natural and pleasing way. The L5 is the perfect companion for more mobile lighting and ideal for cramped location shoots and interview setups. Its compact size and low weight allows the L5 to be rigged in tight places and hung from low ceilings.

The L5, L7 and L10 take full advantage of LED technology by allowing complete control over light intensity and color. At the heart of the L-Series are a few core concepts: tuneability, color fidelity, high build quality and ease of use. Three simple knobs permit the brightness, color temperature from 2.800 K to 10.000 K and green/magenta point to be fine-tuned, while a focus knob on the side of each fixture allows for smooth adjustment of the beam spread, just like conventional sources.

Made in Germany to the high standards for which all ARRI products are known, L-Series is built to last – constructed from resilient materials and assembled by hand with great care. Features include a Mini-USB port for firmware updates and powerCON TRUE 1 power connection.

The ARRI Lighting Service Manager (ALSM) is an essential tool for updating, maintaining and servicing your ARRI LED light fixture. With the ALSM you can update firmware, download service logs from the fixture, change DMX and fan mode settings and much more.

Order No.	Description
L0.0015232	L7-C, LE2, Hanging, Blue/Silver (Bare Ends)
L0.0015217	L7-C, LE2, Hanging, Black (Bare Ends)
L0.0015234	L7-C, LE2, Pole Operated, Blue/Silver (Bare Ends)
L0.0015216	L7-C, LE2, Pole Operated, Black (Bare Ends)
L0.0015233	L7-C, LE2, Stand-Mount, Blue/Silver (Schuko)
L0.0015336	L7-C, LE2, Stand-Mount, Blue/Silver (Edison)

Further Versions available.

**ALL VERSIONS INCLUDE** Light Engine 2 with improved brightness, powerCON TRUE1 mains cable, Onboard control panel, 5-pin DMX in and thru connector, 28 mm (1 1/8") Junior Pin

**HANGING** 1.5 m (5 ft) cable with Bare Ends

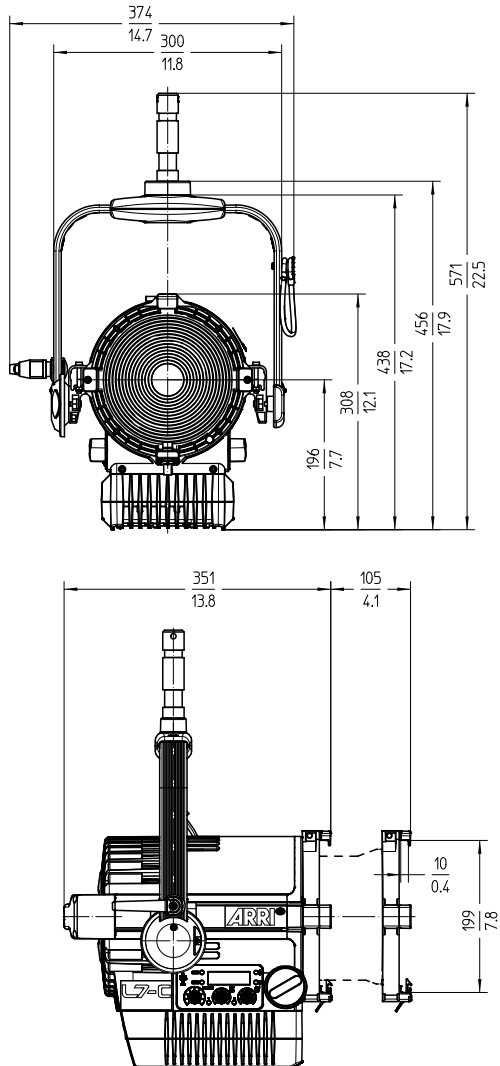
**POLE-OPERATED** 1.5 m (5 ft) cable with Bare Ends, Pole Operation for pan, tilt and focus

**STAND-MOUNT** 3 m (10 ft) Mains Cable with Schuko connector with line switch or 7 m (23 ft) Mains Cable with Edison connector with line switch

**NOT INCLUDED** Barndoors (have to be ordered separately)



## Technical Specifications



Optical System	Focusable Fresnel
Lens Diameter	175 mm / 7"
Beam Angle	15° to 50° (Half Peak Angle)
Weight	Manual Version: approx. 9 kg (19.2 lbs) Pole Op Version: approx. 10 kg (22.3 lbs)
Handling	Adjustable Sliding Stirrup, High Strength Tilt Lock, Pole Operation Option (Pan, Tilt and Focus)
Mounting	28 mm Spigot (Junior Pin)
Tilt Angle	+/- 90°
Power Supply Range	100 to 250 V ~, 50/60 Hz
Power Consumption	160 W Nominal, 220 W Maximum
Power Connection	powerCON TRUE1 (Bare Ends / Schuko / Edison Cables Available)
White Light	2,800 K to 10,000 K continuously variable correlated color temperature
Colored Light	Full RGB+W Color Gamut with Hue and Saturation Control
Color Temperature Tolerance	+/- 100 K (nominal), +/- 1/8 Green-Magenta (nominal)
Color Rendition	CRI Average >94 TLCI Average >90
Green-Magenta Adjustment	Continuously Adjustable (Full Minusgreen to Full Plusgreen)
Dimming	0 to 100 % continuous
Control	5-Pin DMX In and Through, On-Board Controller, Mini-USB
Remote Device Management (RDM)	DMX Setup, Hour Counter and Standard RDM Commands
Mini-USB Interface	DMX Setup, Fixture Status and Firmware Upgrade Through PC Software
Housing Color	Blue/Silver, Black
Ambient Temperature Operation	-20 to 45° C (-4 - 113° F)
Protection Class / IP Rating	I / IP20
Estimated LED Lifetime (L70)	50,000 hours
Estimated Color Shift Over Lifetime (CCT)	+/- 5 %
Certifications	CE, CB, GS, cNRTLus, FCC, PSE

All specifications are nominal / typical values.

### Photometric Data

	3 m / 9.8 ft		5 m / 16.4 ft		7 m / 23 ft		9 m / 29.5 ft	
L7-C	3,200 K	5,600 K	3,200 K	5,600 K	3,200 K	5,600 K	3,200 K	5,600 K
Spot: 15°	6689 lx 621 fc	7511 lx 698 fc	2408 lx 224 fc	2704 lx 251 fc	1229 lx 114 fc	1380 lx 128 fc	743 lx 69 fc	835 lx 78 fc
Middle: 30°	1980 lx 184 fc	2210 lx 205 fc	713 lx 66 fc	796 lx 74 fc	364 lx 34 fc	406 lx 38 fc	220 lx 20 fc	246 lx 23 fc
Flood: 50°	807 lx 75 fc	898 lx 83 fc	290 lx 27 fc	323 lx 30 fc	148 lx 14 fc	165 lx 15 fc	90 lx 8 fc	100 lx 9 fc

nominal results

**L7 SERIES**   
CUT. SHAPE. FOCUS. TUNE.