

# L10

**Bright. Robust. Tuneable.**

## 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. 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
L0.0003383	L10-C, Hanging, Blue/Silver (Bare Ends)
L0.0003384	L10-C, Hanging, Black (Bare Ends)
L0.0003385	L10-C, Pole Operated, Blue/Silver (Bare Ends)
L0.0003386	L10-C, Pole Operated, Black (Bare Ends)
L0.0003382	L10-C, Stand-Mount, Blue/Silver (Schuko)
L0.0003381	L10-C, Stand-Mount, Blue/Silver (Edison)

Further Versions available.

**ALL VERSIONS INCLUDE** 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

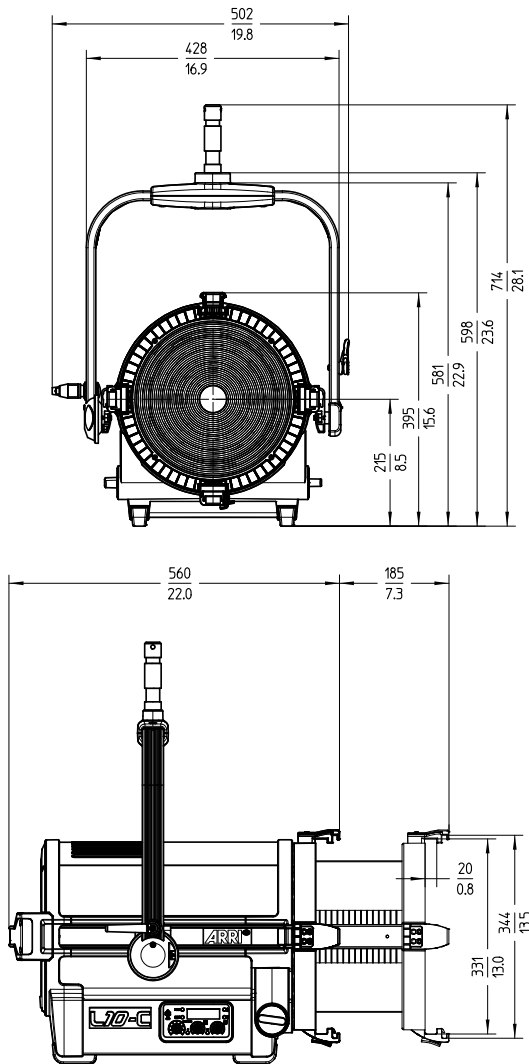
**POLE-OPERATED** 1.5 m (5 ft) cable with Bare Ends, Pole Operation for pan, tilt and focus

**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)

**L-SERIES**  
CUT. SHAPE. FOCUS. TUNE.

### Technical Specifications



Optical System	Focusable Fresnel
Lens Diameter	274 mm / 10"
Beam Angle	15° to 50° (Half Peak Angle)
Weight	Manual Version: approx. 19 kg / 42.5 lbs Pole Op Version: approx. 21 kg / 45.6 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	400 W Nominal, 510 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 (L10-C only)	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 > 95 TLCI Average > 91
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 to 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		12 m / 39,37 ft	
L10-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	3,200 K	5,600 K
Spot: 15°	14444 lx 1342 fc	15000 lx 1394 fc	5200 lx 483 fc	5400 lx 502 fc	2653 lx 246 fc	2755 lx 256 fc	1605 lx 149 fc	1667 lx 155 fc	903 lx 84 fc	938 lx 87 fc
Middle: 30°	4789 lx 445 fc	5000 lx 465 fc	1724 lx 160 fc	1800 lx 167 fc	880 lx 82 fc	918 lx 85 fc	532 lx 49 fc	556 lx 52 fc	299 lx 28 fc	313 lx 29 fc
Flood: 50°	1944 lx 181 fc	2044 lx 190 fc	700 lx 65 fc	736 lx 68 fc	357 lx 33 fc	376 lx 35 fc	216 lx 20 fc	227 lx 21 fc	122 lx 11 fc	128 lx 12 fc

nominal results

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