

L7-C

CUT > SHAPE > FOCUS > TUNE UNIQUE LED LIGHTS WITH TRUE FRESNEL PERFORMANCE

The ARRI L-Series has launched with an LED Fresnel fixture so close to its conventional equivalent in function and performance that it creates a previously unattainable opportunity: like-for-like replacement of traditional Fresnels with LED-based units.

The L7-C is the first LED fixture to truly incorporate the Fresnel characteristics of continuous focusability from spot to flood and a smooth, homogenous light field.

In addition it is fully color controllable, enabling correlated color temperature, green-magenta point and RGBW colors to be set with ease. Light emitted from the L7 is specifically calibrated for optimal reproduction on broadcast and digital cinema cameras, ensuring pleasing skin tones and vividly rendered colors.

Familiar but Revolutionary

Quality of light begins with the field. Smooth intensity, uniform color, even illumination: all are traits shared by the L7 and conventional ARRI Fresnels. Since Fresnels are workhorses of the lighting industry, designers and technicians now have nothing new to learn in order to use LED technology.

Focusability: Spot > Flood > Anywhere In-Between

Versatility is the key element in traditional Fresnels, especially the ability to spot and flood the beam as needed. Whether it's a flood field for a pullback shot or a tight spot for a bright highlight, the continuous focusability of the L7 performs just as expected.

Versatile and Controllable Beam

Shaping the beam to isolate talent and set elements. Cutting the field to eliminate spill light. Controllability is crucial to lighting, and the L7 provides the same ability as conventional Fresnels to cut and shape with barndoors and flags. The only part missing is the heat: the L7 features a completely cool light beam, keeping talent comfortable and air conditioning costs low.



HANGING versions include the following base configuration:

28 mm Spigot, 1.5 m Cable with Bare Ends,
Integrated 5-Pin DMX In and Thru

POLE-OPERATED versions include the following base configuration:

Pole Operation for Pan, Tilt and Focus,
28 mm Spigot, 1.5 m Cable with Bare Ends,
Integrated 5-Pin DMX In and Thru

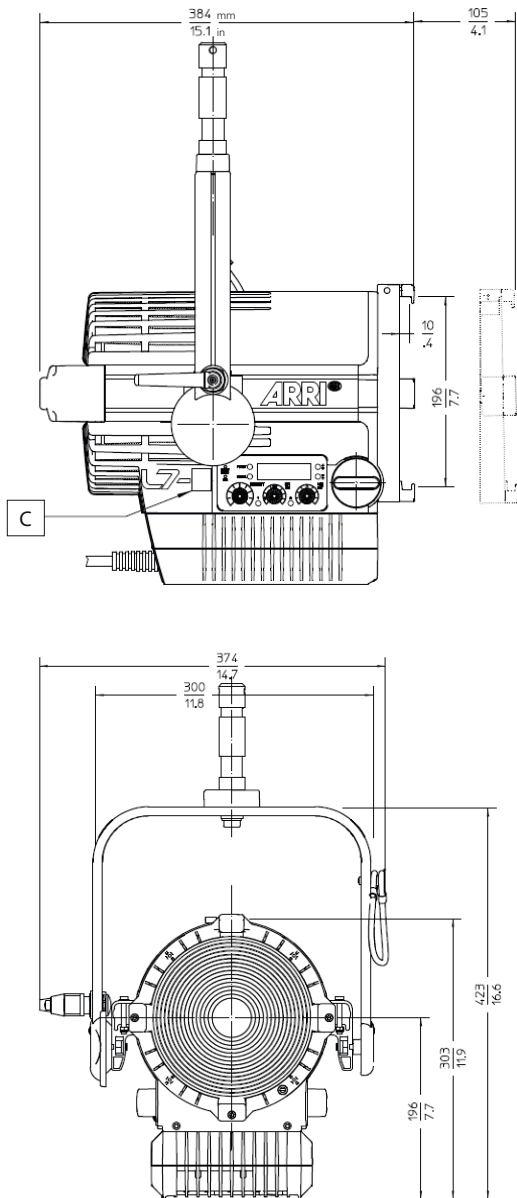
STAND-MOUNT versions include the following base configuration:

28 mm Spigot, Inline Switch,
Integrated 5-Pin DMX In and Thru

Order No.	Description
ARRI L7-C LED Fresnel	Color Controllable LED Fresnel Tunable White (2800 K - 10,000 K and Green-Magenta Adjustment) + Full RGBW Color Gamut
L1.31330CC	L7-C, Hanging, Blue-Silver, with Onboard Controller
L1.31335CC	L7-C, Hanging, Black, with Onboard Controller
L1.31330CR	L7-C, Pole Operated, Blue-Silver, with Onboard Controller
L1.31335CR	L7-C, Pole Operated, Black, with Onboard Controller
L1.31330CD	L7-C, Stand-Mount, Blue-Silver, with Onboard Controller, 3 m Cable, Schuko Connector
L1.31330CA	L7-C, Stand-Mount, Blue-Silver, with Onboard Controller, 7 m Cable, Edison (American) Connector

Accessories

L2.39700.0	8-Leaf Barndoors, True Blue, L7 / T1, 197 mm
L2.39670.0	4-Leaf Barndoors, True Blue, L7 / T1, 197 mm
L2.79690.0	Filter Frame, L7 / T1, 197 mm
L2.76809.0	Safety Cable, 600 mm length, 3 mm diameter



Specifications

Optical System	Focusable Fresnel
Lens Diameter	175 mm / 7 inch
Beam Angle	15° - 50° (Half Peak Angle)
Weight	10.9 kg / 24 lb (Hanging / Stand), 12.4 kg / 27 lb (Pole Operation)
Handling	Adjustable Sliding Stirrup, High Strength Tilt Lock, Pole Operation Option (Pan, Tilt and Focus)
Mounting	28 mm Spigot
Tilt Angle	+/- 90°
Power Supply Range	100 - 264V AC, 50-60Hz
Power Consumption	160 W Nominal, 220 W Maximum
Power Connection	Bare Ends / Schuko / Edison Connector
White Light	Continuously Variable Correlated Color Temperature from 2800 K - 10.000 K
Colored Light	Full RGB+W Color Gamut with Hue and Saturation Control
Colour Rendition	CRI 95 (3200 K - 6500 K)
Green-Magenta Adjustment	Continuously Adjustable
Dimming	0 - 100% Continuous
Control	5-Pin DMX In and Through, Optional On-Board Controller, Mini-USB
Remote Device Management (RDM)	DMX Functions, Hour Counter and Standard RDM Commands
Mini-USB Interface	DMX Functions, Fixture Status and Firmware Upgrade Through PC Software
Housing Color	Blue-Silver, Black
Ambient Temperature Operation	0° - 35° C
Protection Class	IP20
Estimated LED Lifetime (L70)	50,000 hours
Certifications	CE, GS, FCC

All specifications are nominal / typical values.

Photometric Data

	3 m / 9.8 ft	5 m / 16.4 ft	7 m / 23.0 ft	9 m / 29.5 ft
L7-C, 3200 K				
Spot: 15°	4570 lx / 430 fc	1650 lx / 154 fc	840 lx / 79 fc	508 lx / 48 fc
Middle: 30°	1370 lx / 128 fc	492 lx / 46 fc	251 lx / 23 fc	152 lx / 14 fc
Flood: 50°	596 lx / 56 fc	214 lx / 20 fc	109 lx / 10 fc	66 lx / 6 fc
L7-C, 5600 K				
Spot: 15°	5180 lx / 484 fc	1870 lx / 174 fc	951 lx / 89 fc	576 lx / 54 fc
Middle: 30°	1550 lx / 144 fc	556 lx / 52 fc	283 lx / 26 fc	171 lx / 16 fc
Flood: 50°	668 lx / 62 fc	240 lx / 22 fc	123 lx / 11 fc	74 lx / 7 fc

Photometric values at full intensity in boost or active cooling mode; reduce by 20% for passive cooling mode.