

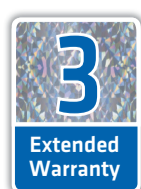
L-SERIES LAMPHEADS

TECHNICAL DATA



L-Series Version	L5-C	L7-C	L10-C	
Type of Lamphead	LED Fresnel	LED Fresnel	LED Fresnel	
Optical System	Focusable Fresnel	Focusable Fresnel	Focusable Fresnel	
Light Aperture	137 mm / 5"	175 mm / 7"	274 mm / 10"	
Beam Angle	14 to 50° Half Peak Angle	15 to 50° Half Peak Angle	15 to 50° Half Peak Angle	
Lamp Type	RGBW LED Light Engine	RGBW LED Light Engine	RGBW LED Light Engine	
White Light	2,800 K to 10,000 K continuously correlated color temperature	2,800 K to 10,000 K continuously correlated color temperature	2,800 K to 10,000 K continuously correlated color temperature	
Colored Light	Full RGB+W color gamut with Hue and Saturation control	Full RGB+W color gamut with Hue and Saturation control	Full RGB+W color gamut with Hue and Saturation control	
Green-Magenta-Adjustment	Continuously adjustable (Full Minusgreen to Full Plusgreen)	Continuously adjustable (Full Minusgreen to Full Plusgreen)	Continuously adjustable (Full Minusgreen to Full Plusgreen)	
Color Rendition	CRI Average > 94 TLCI Average > 90	CRI Average > 94 TLCI Average > 90	CRI Average > 95 TLCI Average > 91	
Color Temperature Tolerance	+/- 100 K (nominal) +/- 1/8 Green-Magenta (nominal)	+/- 100 K (nominal) +/- 1/8 Green-Magenta (nominal)	+/- 100 K (nominal) +/- 1/8 Green-Magenta (nominal)	
Dimming	0 to 100 % continuous	0 to 100 % continuous	0 to 100 % continuous	
Light Output in Battery Mode	100% of total output	n.a.	n.a.	
Mechanical				
Versions	Manual, Pole Operated	Manual, Pole Operated	Manual, Pole Operated	
Handling	Adjustable Sliding Stirrup High-Strength Tilt Lock Pole Operation (Pan, Tilt, Focus)	Adjustable Sliding Stirrup High-Strength Tilt Lock Pole Operation (Pan, Tilt, Focus)	Adjustable Sliding Stirrup High-Strength Tilt Lock Pole Operation (Pan, Tilt, Focus)	
Mounting	16 mm / 28 mm Combo Pin	Spigot 28 mm Junior Pin	Spigot 28 mm Junior Pin	
Housing Colors	blue/silver, black	blue/silver, black	blue/silver, black	
Tilt Angle	+/- 90°	+/- 90°	+/- 90°	
Weight - Manual	5.0 kg / 11.1 lbs	8.2 kg / 18.1 lbs	19.0 kg / 41.1 lbs	
Weight - Pole operated	6.4 kg / 14.2 lbs	10.0 kg / 22.1 lbs	20.5 kg / 44.6 lbs	
Control options				
Control	On-Board Controller, 5-Pin DMX In and Through, Mini-USB			
Remote Device Management (RDM)	DMX Setup, Hour Counter, Standard & Manufacturer, RDM commands			
Software Interface - Mini-USB	DMX Setup, Fixture Status, Firmware Upgrade through PC or Mac			
Wireless Interface	via SkyLink Receiver			
Electrical				
Voltage Input	100 - 240 V~, 50/60 Hz	100 - 240 V~, 50/60 Hz	100 - 240 V~, 50/60 Hz	
Power Consumption	115 W Maximum	220 W Maximum	510 W Maximum	
Lamphead Power Connection	powerCON TRUE1 TOP with Schuko, Edison, Japanese, Chinese, Bare Ends			
Power Switch	On/Off Switch on powerCON TRUE1 TOP cable	On/Off Switch on powerCON TRUE1 TOP cable	On/Off Switch on powerCON TRUE1 TOP cable	
Battery Connector	Male 4-Pin XLR	n.a.	n.a.	
Battery DC Voltage Output	23 to 36 V _{DC}	n.a.	n.a.	
Protection Class / IP Rating	I / IP20	I / IP20	I / IP20	
Ambient Temperature Operation	-20 to +45°C / -4 to +113°F	-20 to +45°C / -4 to +113°F	-20 to +45°C / -4 to +113°F	
Estimated LED Lifetime (L70)	50,000 hours	50,000 hours	50,000 hours	
Estimated Color Shift over Lifetime (CCT)	+/- 5%	+/- 5%	+/- 5%	
Certification	CE, UKCA, CB, ENEC, cNRTLus, FCC, PSE. Please read the User Manual for more information about the certificates for this product.			
Photometrical Data				
15° - Spot	5 m @ 3,200 K	1,184 lux 110 fc	2,408 lux 224 fc	4,948 lux 460 fc
30° - Middle	5 m @ 3,200 K	356 lux 33 fc	713 lux 66 fc	1,700 lux 158 fc
50° - Flood	5 m @ 3,200 K	136 lux 13 fc	290 lux 27 fc	692 lux 64 fc
15° - Spot	5 m @ 5,600 K	1,336 lux 124 fc	2,704 lux 251 fc	5,552 lux 516 fc
30° - Middle	5 m @ 5,600 K	402 lux 37 fc	796 lux 74 fc	1,900 lux 177 fc
50° - Flood	5 m @ 5,600 K	154 lux 14 fc	323 lux 30 fc	768 lux 71 fc
Download ARRI Photometrics from the App Store and Google Play to quickly reference the photometric characteristics of all of the ARRI light fixtures.				
Accessories				
Accessory Diameter	168 mm / 6.6"	197 mm / 7.8"	344 mm / 13.5" 329 mm / 12.9"	
Accessories for all versions	4-Leaf Barndoor Snoot PowerCON TRUE1 TOP Mains Cable with Line Switch	8-Leaf Barndoor Chimera Lightbank	Filter Frame Speed Ring Circular	
Communication for all versions	SkyLink Stellar			

All specifications are nominal / typical values.



Please visit our website for the latest downloads and to find more information about the ARRI L-Series: www.arri.com

