SKYPANEL LAMPHEADS
TECHNICAL DATA
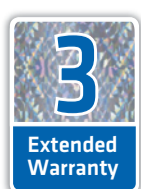
SkyPanel Version	S30-C	S60-C	S120-C	S360-C	S30-RP	S60-RP
Type of Lamphead	LED Soft Light	LED Soft Light	LED Soft Light	LED Soft Light	LED Soft Light	LED Soft Light
Optical System	Swappable Soft Diffusion Panels	Swappable Soft Diffusion Panels	Swappable Soft Diffusion Panels	Swappable Soft Diffusion Panels	Swappable Remote Phosphor Panels	Swappable Remote Phosphor Panels
Light Aperture	355 x 300 mm / 14 x 11.8"	645 x 300 mm / 25.4 x 11.8"	1290 x 300 mm / 50.8 x 11.8"	1280 x 870 mm / 50.4 x 34.4"	355 x 300 mm / 14 x 11.8"	645 x 300 mm / 25.4 x 11.8"
Beam Angle	105° Half Peak Angle	105° Half Peak Angle	105° Half Peak Angle	105° Half Peak Angle	105° Half Peak Angle	105° Half Peak Angle
Lamp Type	RGBW LED Light Engine	RGBW LED Light Engine	RGBW LED Light Engine	RGBW LED Light Engine	Blue LED Light Engine (for Remote Phosphor Panels)	Blue LED Light Engine (for Remote Phosphor Panels)
White Light	2,800 K to 10,000 K continuously color 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	2,800 K to 10,000 K continuously correlated color temperature	Remote Phosphor Panels: 2,700 K, 3,200 K, 4,300 K, 5,600 K, 6,500 K, 10,000 K	Remote Phosphor Panels: 2,700 K, 3,200 K, 4,300 K, 5,600 K, 6,500 K, 10,000 K
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	Full RGB+W color gamut with Hue and Saturation control	Chroma Green	Chroma Green
Green-Magenta-Adjustment	Continuously adjustable (Full Minus- to Full Plusgreen)	Continuously adjustable (Full Minus- to Full Plusgreen)	Continuously adjustable (Full Minus- to Full Plusgreen)	Continuously adjustable (Full Minus- to Full Plusgreen)	n.a.	n.a.
Color Rendition	CRI Average > 95 TLCI Average > 91	CRI Average > 95 TLCI Average > 90	CRI Average > 95 TLCI Average > 90	CRI Average > 95 TLCI Average > 90	3,200 K: CRI >98, TLCI > 98 5,600 K: CRI > 97, TLCI > 96	3,200 K: CRI >98, TLCI > 98 5,600 K: CRI > 97, TLCI > 96
Color Temperatur Tolerance	+/- 100 K (nominal) +/- 1/8 Green-Magente (nominal)	+/- 100 K (nominal) +/- 1/8 Green-Magente (nominal)	+/- 100 K (nominal) +/- 1/8 Green-Magente (nominal)	+/- 100 K (nominal) +/- 1/8 Green-Magente (nominal)	4 to 5 SDCM	4 to 5 SDCM
Dimming	0 to 100 % continuous	0 to 100 % continuous	0 to 100 % continuous	0 to 100 % continuous	0 to 100 % continuous	0 to 100 % continuous
Light Output in Battery Mode	100% of total output	50% of total output	50% of total output	n.a.	100% of total output	50% of total output
Mechanical						
Versions	Manual, Pole Operated	Manual, Pole Operated	Manual, Pole Operated, Center Mount	Manual	Manual, Pole Operated	Manual, Pole Operated
Handling	Aluminum Yoke High-Strength Tilt Lock Pole Operation	Aluminum Yoke High-Strength Tilt Lock Pole Operation	Aluminum Yoke High-Strength Tilt Lock Pole Operation	Carbon Fibre Yoke Dual High-Strength Tilt Lock	Aluminum Yoke High-Strength Tilt Lock Pole Operation	Aluminum Yoke High-Strength Tilt Lock Pole Operation
Mounting	16 mm / 28 mm Combo Pin	Spigot 28 mm Junior Pin	Spigot 28 mm Junior Pin	Spigot 28 mm Junior Pin	16 mm / 28 mm Combo Pin	Spigot 28 mm Junior Pin
Housing Colors	blue/silver, black	blue/silver, black	blue/silver, black	blue/silver	blue/silver, black	blue/silver, black
Tilt Angle	+/- 90°	+/- 90°	+/- 90°	+/- 90°	+/- 90°	+/- 90°
Weight - Manual Weight - Pole operated	approx. 7 kg / 16.3 lbs approx. 9 kg / 20 lbs	approx. 13 kg / 27.8 lbs approx. 14 kg / 30.4 lbs	approx. 14 kg / 30.2 lbs approx. 20 kg / 43.2 lbs	approx. 41 kg / 90.4 lbs n.a.	approx. 7 kg / 16.3 lbs approx. 9 kg / 20 lbs	approx. 13 kg / 27.8 lbs approx. 14 kg / 30.4 lbs
Control options						
Control	On-Board Controller, 5-Pin DMX In and Through EtherCon LAN network connectivity, USB-A, Art-Net, sACN					
Remote Device Management (RDM)	DMX Setup, Hour Counter, Standard & Manufacturer RDM commands					
Software Interface - Ethernet	DMX Setup, Fixture Status, Firmware Upgrade through PC or MAC					
Software Interface - USB-A	Firmware Upgrade via Flash Drive					
Wireless Interface	via SkyLink Receiver	via SkyLink Receiver	via SkyLink Receiver	LumenRadio CRMX built in	via SkyLink Receiver	via SkyLink Receiver
Features						
Light Modes	CCT, HSI, Gel Mode, Source Matching, RGBW, x,y Coordinates				n.a.	n.a.
Special Modes	Low End, Stage, Tungsten, High Speed Mode				n.a.	n.a.
Effects	Club Lights, Cop Car, Explosion, Fire, Fluorescent Flicker, Paparazzi, Process, Television, Welding and many more				n.a.	n.a.
Electrical (Lamphead)						
Lamphead Voltage Input	48 V⎓	48 V⎓	48 V⎓	54 V⎓	48 V⎓	48 V⎓
Power Consumption	200 W Maximum	400 W Maximum	400 W Maximum	1,500 W Maximum	200 W Maximum	400 W Maximum
Lamphead Power Connection	Male 3-Pin XLR - 15 A	Male 3-Pin XLR - 15 A	Male 3-Pin XLR - 15 A	Male 4-Pin Metal Locking - 30 A	Male 3-Pin XLR - 15 A	Male 3-Pin XLR - 15 A
Battery Connector	Male 4-Pin XLR - 10 A	Male 4-Pin XLR - 10 A	Male 4-Pin XLR - 10 A	n.a.	Male 4-Pin XLR - 10 A	Male 4-Pin XLR - 10 A
Battery DC Voltage Output	23 to 36 V⎓	23 to 36 V⎓	23 to 36 V⎓	n.a.	23 to 36 V⎓	23 to 36 V⎓
Protection Class / IP Rating	III / IP20	III / IP20	III / IP20	III / IP20	III / IP20	III / 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	-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	50,000 hours	50,000 hours	50,000 hours
Estimated Color Shift over Lifetime (CCT)	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%	+/- 5%
Certification	CE, CB, ENEC, cNRTLus, FCC, PSE. Please read the Safety and Installation Manual for more information about the certificates for this product.					
Photometrical Data	with Standard Diffusion	with Standard Diffusion	with Standard Diffusion	with Standard Diffusion	with Remote Phosphor Panel	with Remote Phosphor Panel
105° - 5 m @ 3,200 K	240 lux / 22 fc	462 lux / 43 fc	604 lux / 56 fc	2,028 lux / 188 fc	178 lux / 17 fc	397 lux / 37 fc
105° - 5 m @ 5,600 K	281 lux / 26 fc	547 lux / 51 fc	560 lux / 52 fc	1,848 lux / 172 fc	203 lux / 19 fc	450 lux / 42 fc

Download ARRI Photometrics from the App Store and Google Play to quickly reference the photometric characteristics of all of the ARRI light fixtures.

Power Supply Unit	S30 PSU	S60 / S120 PSU	S360 PSU
Power Supply Input Range	110 to 240 V~	100 to 240 V~	100 to 240 V~
Power Supply Output	48 V⎓	48 V⎓	54 V⎓
Weight	approx. 2 kg / 4.6 lbs	approx. 4 kg / 7.7 lbs	approx. 11 kg / 24.7 lbs
Control	On-Board On/Off Switch	On-Board On/Off Switch	On-Board On/Off Switch
Power Input Connection	powerCON TRUE1 TOP with Schuko, Edison, Japanese, Chinese, Bare Ends	powerCON TRUE1 TOP with Schuko, Edison, Japanese, Chinese, Bare Ends	powerCON 32A Schuko, Edison, Japanese, Chinese, Bare Ends
Power Output Connection	Female 3-Pin XLR - 10 A powerCON TRUE1 TOP (Mains Power Through)	Female 3-Pin XLR - 10 A powerCON TRUE1 TOP (Mains Power Through)	Female 4-Pin Metal Locking - 30 A
Mounting	SkyPanel PSU Super Clamp Adapter, SkyPanel Rail Mount Adapter	SkyPanel PSU Super Clamp Adapter, SkyPanel Rail Mount Adapter	SkyPanel PSU Super Clamp Adapter

All specifications are nominal / typical values.

3 Extended Warranty

ARRI