

S120-C

SkyPanel is a compact, ultra-bright and high-quality LED soft light that sets a new standard for the industry. With a design focused on form, color, beam field and output, SkyPanel represents the culmination of more than a decade of research and development of LED technology at ARRI.

SkyPanel is available in several sizes: the S30, S60, S120, and S360. The S60 is a mid-range model, featuring a light aperture of 645 x 300 mm and accommodating the vast majority of applications. The S120 is twice as long as the S60, but weighs nearly the same. Its larger light aperture makes a great soft light even better. The S30 is a smaller, more portable version; half the length of the S60, it is perfect for on-the-go mobile applications. The S360 is the largest and brightest SkyPanel with four times the output of the S60 and almost six times the aperture size. The S360 is perfect for lighting large areas with tuneable, soft light. S30 and S60 models are available in fully color tuneable and remote phosphor versions.

Incorporating features of ARRI's successful L-Series LED Fresnels, SkyPanel is one of the most versatile soft lights on the market, as well as one of the brightest. Like the L-Series, SkyPanel 'C' (Color) versions are fully tuneable; correlated color temperature is adjustable between 2,800 K and 10,000 K, with excellent color rendition over the entire range. Full plus and minus green correction can be achieved with the simple turn of a knob, and in addition to CCT control, vivid color selection and saturation adjustment is also possible.

Unlike other tuneable fixtures, SkyPanel makes no sacrifice when it comes to light output. SkyPanel puts out a tremendous amount of light, in a soft and uniform beam field. Brighter than a 2 kW tungsten soft light or a 6 kW tungsten space light, the SkyPanel S120 has more than enough light for most applications. At the same time, the lamphead is able to perform beautifully at lower light levels. This range of illumination and color gives users an unprecedented amount of control.

Made in Germany to the high standards for which all ARRI products are known, SkyPanel is built to last – constructed from resilient materials and assembled by hand with great care. Other features include an on-board battery input for mobile applications, LAN port for network connectivity, USB-A port for firmware updates via thumb drive, and many more.



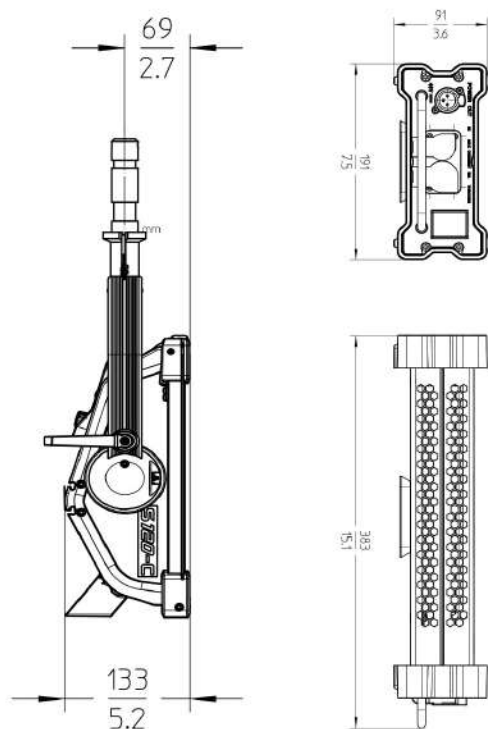
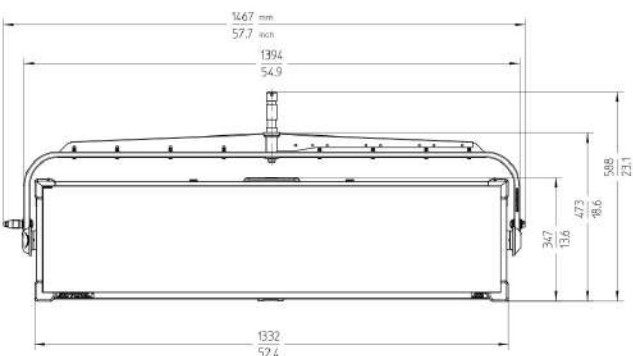
Photometric Data

	3 m / 9.8 ft		5 m / 16.4 ft		7 m / 23.0 ft		9 m / 29.5 ft	
S120-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
S120-C with Standard Diffusion	1367 lx	1244 lx	492 lx	448 lx	251 lx	229 lx	152 lx	138 lx
	127 fc	116 fc	46 fc	42 fc	23 fc	21 fc	14 fc	13 fc
S120-C with Lite Diffusion	1445 lx	1311 lx	520 lx	472 lx	265 lx	241 lx	161 lx	146 lx
	134 fc	122 fc	48 fc	44 fc	25 fc	22 fc	15 fc	14 fc
S120-C with Heavy Diffusion	1120 lx	1022 lx	403 lx	368 lx	206 lx	188 lx	124 lx	114 lx
	104 fc	95 fc	37 fc	34 fc	19 fc	17 fc	12 fc	11 fc
S120-C with Intensifier	2151 lx	1944 lx	774 lx	700 lx	395 lx	357 lx	239 lx	216 lx
	200 fc	181 fc	72 fc	65 fc	37 fc	33 fc	22 fc	20 fc

Order No. | Description

L0.0012956	S120-C, Manual, Blue/Silver, 3 m DC Cable, S60/S120 PSU with Rail Mount Adapter, Standard Diffusion Panel, powerCON Edison cable
L0.0012954	S120-C, Manual, Blue/Silver, 3 m DC Cable, S60/S120 PSU with Rail Mount Adapter, Standard Diffusion Panel, powerCON Schuko cable
L0.0013424	S120-C, Manual, Black, 3 m DC Cable, S60/S120 PSU with Rail Mount Adapter, Standard Diffusion Panel, powerCON Edison cable
L0.0012950	S120-C, Center Mount, Blue/Silver, 3 m DC Cable, S60/S120 PSU, Standard Diffusion Panel, powerCON Edison cable
L0.0012948	S120-C, Center Mount, Blue/Silver, 3 m DC Cable, S60/S120 PSU, Standard Diffusion Panel, powerCON Schuko cable
L0.0012953	S120-C, Pole Op, Blue/Silver, 1 m DC Cable, S60/S120 PSU with Rail Mount Adapter, Standard Diffusion Panel powerCON, Bare Ends
L0.0012952	S120-C, Pole Op, Black, 1 m DC Cable, S60/S120 PSU with Rail Mount Adapter, Standard Diffusion Panel powerCON, Bare Ends

Technical Specifications



Lamphead

Optical System	Soft Diffusion Panel
Light Aperture	1290 x 300 mm / 50.8 x 11.8"
Beam Angle	110° (Half Peak Angle)
Weight	Center Mount: 13.7 kg / 30.2 lbs Manual Version: 16 kg / 35.3 lbs Pole Op Version: 19.6 kg / 43.2 lbs
Handling	Aluminum Yoke, High Strength Tilt Lock, Pole Operation Option (Pan & Tilt)
Mounting	28 mm Spigot (Junior Pin)
Tilt Angle	+/- 90°
Lamphead Voltage Input	48 V DC
Power Consumption	400 W Nominal, 430 W Maximum
Lamphead Power Connection	Male 3-Pin XLR to 15 Amp (Pin 1: Negative / Pin 2: Positive)
Battery Connector	Male 4-Pin XLR to 10 Amp (Pin 1: Negative / Pin 4: Positive)
Battery DC Voltage Range	23 to 36 V DC
Battery Mode Light Output	50 % of total output
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 > 95 TLCI Average > 90
Green-Magenta Adjustment	continuously adjustable (Full Minusgreen to Full Plusgreen)
Dimming	0 to 100 % continuous
Control	On-Board Controller, 5-Pin DMX In and Through, EtherCon LAN network connectivity, USB-A, Art-Net
Remote Device Management (RDM)	DMX Setup, Hour Counter and Standard RDM commands
Software Interface	Ethernet: DMX Setup, Fixture Status and Firmware Upgrade through PC, Mac USB-A: Software Upgrade via flash drive
Housing Color	Blue/Silver, Black
Ambient Temperature Operation	-20 to +45° C (-4 to +113° F)
Protection Class / IP Rating	III / IP20
Estimated LED Lifetime (L70)	50,000 hours
Estimated Color Shift Over Lifetime (CCT)	+/- 5 %
Certifications	CE, CB, ENEC, cNRTLus, FCC, PSE

Power Supply Unit

Power Supply Input Range	110 to 240 V ~, 50/60 Hz
Power Supply Output Range	48 V DC
Power Input Connection	powerCON TRUE1 (Bare Ends / Schuko / Edison cables available)
Power Output Connection	Female 3-Pin XLR to 10 Amp (Pin 1: Negative / Pin 2: Positive) powerCON TRUE1 (mains power through)
Weight	3.5 kg / 7.7 lbs
Dimensions	383 x 191 x 91 mm / 15.1 x 7.5 x 3.6"
Control	On-Board On/Off Switch
Mounting	SkyPanel PSU Super Clamp Adapter / Rail Mount Adapter
Certifications	CE, CB, ENEC, cNRTLus, FCC

SKYPANEL 

SOFT LIGHTING | REDEFINED



SkyPanel S120-C

SOFT LIGHTING | REDEFINED

The SkyPanel Family. Different sizes for different applications.

SkyPanel is available in several sizes: the S30, S60, S120, and S360. The S60 is a mid-range model, featuring a light aperture of 645 x 300 mm and accommodating the vast majority of applications. The S120 is twice as long as the S60, but weighs nearly the same. Its larger light aperture makes a great soft light even better. The S30 is a smaller, more portable version; half the length of the S60, it is perfect for on-the-go mobile applications. The S360 is the largest and brightest SkyPanel with four times the output of the S60 and almost six times the aperture size. The S360 is perfect for lighting large areas with tuneable, soft light. S30 and S60 models are available in fully color tuneable and remote phosphor versions.

Unlike other tuneable fixtures, SkyPanel makes no sacrifice when it comes to light output. SkyPanel puts out a tremendous amount of light, in a soft and uniform beam field. Brighter than a 2 kW tungsten soft light or a 6 kW tungsten space light, the SkyPanel S120 has more than enough light for most applications. At the same time, the lamphead is able to perform beautifully at lower light levels. This range of illumination and color gives users an unprecedented amount of control.

Made in Germany to the high standards for which all ARRI products are known, SkyPanel is built to last – constructed from resilient materials and assembled by hand with great care. Other features include an on-board battery input for mobile applications, LAN port for network connectivity, USB-A port for firmware updates via thumb drive, and many more.

Series	SkyPanel
Model	S120-C
Optical System	Soft Diffusion Panel
Light Aperture / Lens Diameter in mm	1290 x 300 mm
Light Aperture / Lens Diameter in inch	50.8 x 11.8"
Beam Angle	105° (Half Peak Angle)
Weight in kg net*	Manual Version: approx. 14 kg Pole Operated Version: approx. 20 kg Center Mount Version approx.: 14 kg
Weight in kg packed*	Manual Version: approx. 26 kg Pole Operated Version: approx. 29 kg Center Mount Version approx.: 24 kg
Weight in lbs. net*	Manual Version: approx. 30.2 lbs Pole Operated Version: approx. 43.2 lbs Center Mount Version approx.: 31 lbs
Weight in lbs. Packed*	Manual Version: approx. 57 lbs Pole Operated Version: approx. 65 lbs Center Mount Version approx.: 53 lbs
Measurements (HxWxL) incl. Pin in mm*	Manual Version: 588 x 1467 x 133 mm Pole Operated Version: 615 x 1439 x 133 mm

Measurements (HxWxL) excl. Pin in mm*	Manual Version: 473 x 1467 x 133 mm Pole Operated Version: 500 x 1439 x 133 mm
Measurements (HxWxL) incl. Pin in inch*	Manual Version: 23.1 x 57.7 x 5.2" Pole Operated Version: 24.2 x 56.6 x 5.2"
Measurements (HxWxL) excl. Pin in inch*	Manual Version: 18.6 x 57.7 x 5.2" Pole Operated Version: 19.7 x 56.6 x 5.2"
Measurements (HxWxL) Packed size in mm*	500 x 1500 x 300 mm
Measurements (HxWxL) Packed size in inch*	19.7 x 59.1 x 11.9"
Handling	Aluminium Yoke, High-Strength Tilt Lock / Steel Yoke, Pole Operation for Pan & Tilt / Center Mount Yoke
Mounting	28 mm Spigot (Junior Pin)
Tilt Angle	+/- 90°
Lamphead Voltage Input	48 V DC
Power Consumption	400 W Maximum
Lamphead Power Connection	Male 3-Pin XLR - 15 Amp (Pin 1: Negative / Pin 2: Positive)
Battery Connector	Male 4-Pin XLR - 10 Amp (Pin 1: Negative / Pin 4: Positive)

Battery DC Voltage Range

23 to 36 V DC

**Battery Mode Light Output**

50 % of total output

White Light2,800 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 > 95, TLCI Average > 90

Green-Magenta AdjustmentContinuously adjustable (Full Minusgreen to Full
Plusgreen)**Dimming**

0 to 100 % continuous

ControlOn-Board Controller, 5-Pin DMX In and Through,
EtherCon LAN network connectivity, USB-A, Art-
Net**Wireless Control**

Not integrated, via SkyLink

Remote Device Management (RDM)DMX Setup, Hour Counter and Standard RDM
Commands**Software / Mini-USB Interface**Ethernet: DMX Setup, Fixture Status and
Firmware Upgrade through PC, Mac USB-A:
Software Upgrade via flash drive

Housing Color

Blue/Silver, Black

Ambient Temperature Operation

-20 to +45° C (-4 to +113° F)

Protection Class / IP Rating

III / IP 20

Estimated LED Lifetime (L70)

50,000 hours

Estimated Color Shift Over Lifetime (CCT)

+/- 5 %

Certifications

CE, CB, ENEC, cNRTLus, FCC, PSE

Power Supply Unit

S60/S120 PSU

Power Supply Input Range

100 to 240 V ~, 50/60 Hz

Power Supply Output Range

48 V DC

Power Input Connection

powerCON TRUE1 (Bare Ends / Schuko / Edison)

Power Output Connection

Female 3-Pin XLR to 10 Amp (Pin 1: Negative / Pin 2: Positive) powerCON TRUE1 (mains power through)

Weight in kg

approx. 4 kg

Weight in lbs

approx. 7.7 lbs