ARRI® SKYPANEL®

SOFT LIGHTING | REDEFINED

COLOUR SOUND EXPERIMENT ltd

■ Introduction ■

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, colour, 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.

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' (Colour) versions are fully tuneable; correlated colour temperature is adjustable between 2,800 K and 10,000 K, with excellent colour 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 colour 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 S60 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 colour gives users an unprecedented amount of control.
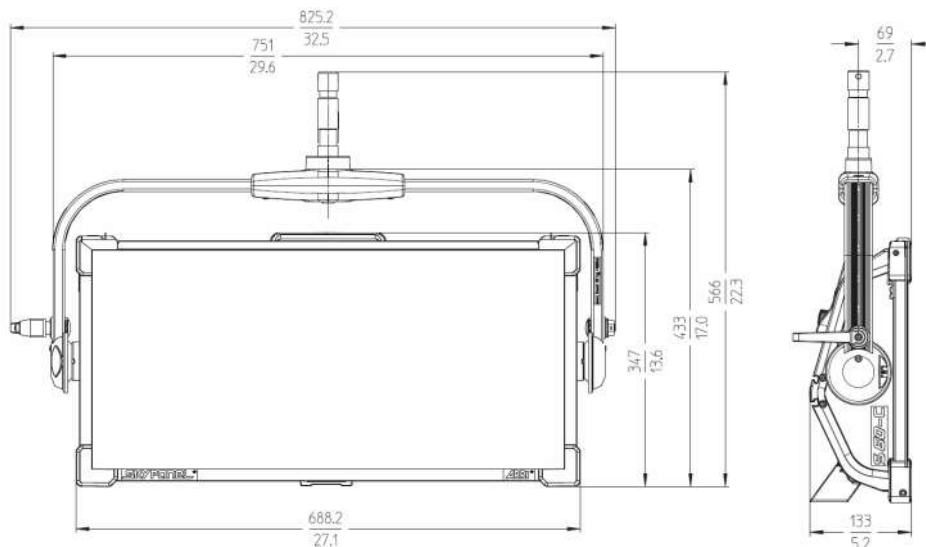
Photometric Data								
	3 m / 9.8 ft		5 m / 16.4 ft		7 m / 23 ft		9 m / 29.5 ft	
S60-C	3,200 K	5,600 K	3,200 K	5,600 K	3,200 K	5,600 K	3,200 K	5,600 K
S60-C with Standard Diffusion	1258 lx	1233 lx	453 lx	444 lx	231 lx	227 lx	140 lx	137 lx
	117 fc	115 fc	42 fc	41 fc	21 fc	21 fc	13 fc	13 fc
S60-C with Lite Diffusion	1280 lx	1254 lx	461 lx	452 lx	235 lx	230 lx	142 lx	139 lx
	119 fc	117 fc	43 fc	42 fc	22 fc	21 fc	13 fc	13 fc
S60-C with Heavy Diffusion	994 lx	974 lx	358 lx	351 lx	183 lx	179 lx	110 lx	108 lx
	92 fc	91 fc	33 fc	33 fc	17 fc	17 fc	10 fc	10 fc
S60-C with Intensifier	1981 lx	1942 lx	713 lx	699 lx	364 lx	357 lx	220 lx	216 lx
	184 fc	180 fc	66 fc	65 fc	34 fc	33 fc	20 fc	20 fc

■ Specifications ■

Lamphead	
Optical System	Soft Diffusion Panel
Light Aperture	645 x 300 mm / 25.4 x 11.8"
Beam Angle	115º (Half Peak Angle)
Weight	Manual Version: 12.8 kg / 28.2 lbs Pole Op Version: 14.1 kg / 31.1 lbs
Handling	Aluminium 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	420 W Nominal, 450 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 RBG+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 Temp Operation	-20 to +45º C (-4 to +113º 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

■ Dimensions ■

■ Specifications ■

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

All specifications are nominal / typical values.

■ Dimensions ■