

ARRI



SKYPANEL 

SOFT LIGHTING | REDEFINED

The SkyPanel Family

Different sizes for different applications

The new ARRI SkyPanel is an exceptionally versatile LED soft light – compact, fully tuneable and delivering light of unsurpassed power and quality. Because different application areas call for different lighting needs, SkyPanel has been designed as a series of fixtures. The mid-range S60, the smaller and more portable S30, the long aperture S120, and the new S360 fills out the family with the largest aperture and a brightness four times that of the S60. With SkyPanel, the sky is limitless...



- Fully Tuneable
- Tremendous Output
- True Soft Light Beam Quality
- Outstanding Color Rendition
- Remote Phosphor Version
- A Single Soft, Clean Shadow
- Familiar but revolutionary
- Versatility Built-In
- Powerful Mobility
- Large Aperture
- Thin Profile
- Built to Last



Fully Tuneable

Get the color you want in seconds

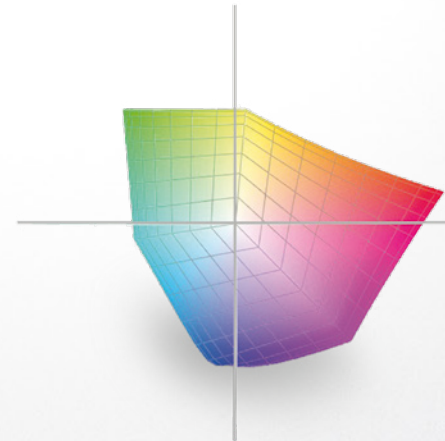
SkyPanel 'C' (Color) versions have the ability to adjust the correlated color temperature anywhere between 2,800 K and 10,000 K, with excellent color rendition over the entire range. Full plus and minus green correction can be achieved with the simple turn of a knob, and in addition to CCT control, vivid color selection and saturation adjustment is also possible.





Calibrated for quality

Applications for this controllability range from quickly adjusting the CCT to set the mood of a scene, to selecting the perfect green color to wash a greenscreen. Each LED light engine is computer calibrated in order to ensure unit-to-unit and batch-to-batch consistency, as well as accurate color temperatures. The SkyPanel series of lights also works in concert with the L-Series, ARRI's LED Fresnel line, perfectly.





Tremendous Output

One of the brightest soft lights on the market

High output is usually not associated with a fully tuneable LED fixture, but with the SkyPanel ARRI has been able to accomplish both. SkyPanel has tremendous light output across the entire CCT range. 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. In some cases the fixture can even compete with natural sunlight; at the same time, it is able to perform beautifully at lower light levels.



True Soft Light Beam Quality

Soft and uniform is the name of the game

Soft lights are known for their smooth quality of light and even, uniform beam field – SkyPanel is no different. The combination of the curated selection of diffusion panels, LED mixing chamber and large light aperture allows for the light to wrap around objects, eliminating sharp shadows and making for a perfect beauty light. The beam field is homogeneous in both color and intensity.







Outstanding Color Rendition LED white light without sacrifices

ARRI has always been at the forefront of LED white light color quality and SkyPanel lives up to this standard. Natural rendition of skin tones, accurate color reproduction and precise color temperature settings are all areas where SkyPanel excels. Whether you measure the color rendition using CRI (Color Rendering Index), CQS (Color Quality Scale) or TLCI (Television Lighting Consistency Index), SkyPanel performs beautifully.



Illuminated with SkyPanel S60-C at 3,200 K

A Single Soft, Clean Shadow

The proof is in the shadows

SkyPanel perfectly mixes some 2,000 calibrated red, green, blue and white LEDs into one homogeneous beam of soft light. In addition to providing excellent light, the SkyPanel also provides excellent shadows. The shadows are soft in nature and do not exhibit multiple edges or strange colors, making SkyPanel one of the best LED soft lights for shadow rendition on the market.







Easy to use Familiar but revolutionary

The SkyPanel user interface is designed to be incredibly easy to use, but also to make a wide range of controls available to the user, all at the same time. With three simple knobs, the color temperature, green/magenta point, intensity, hue and saturation can be adjusted instantly. People who have never used the light before find the interface effective and intuitive. In addition to the on-board controls, all functions can be remotely adjusted via DMX or LAN network connections or the SkyPanel Remote. This handheld remote connects to any SkyPanel via a USB cable and allows for full control of the fixture remotely and adds new flexibility and ease-of-use for the SkyPanel line of luminaires.

Three simple knobs

New easy to read display

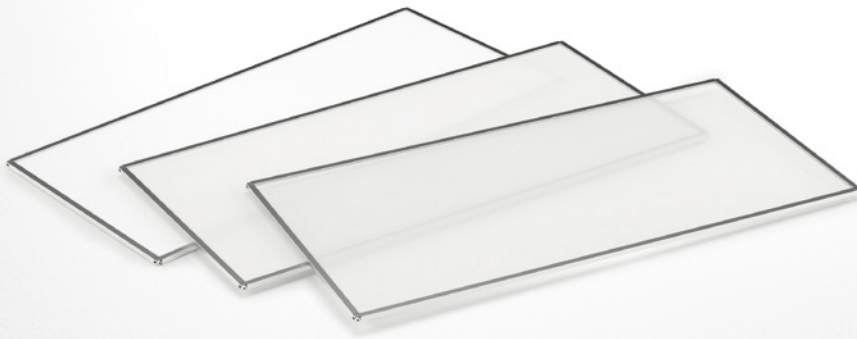
Remote DMX control



Versatility Built-In

Use and adapt SkyPanel according to your needs

The SkyPanel was designed to be used primarily as a soft light to illuminate people. However, features were also designed into the fixture to make it extremely versatile. The diffuser panels on the front of the lamphead are interchangeable, so going from a heavy diffusion to a lite diffusion can be done in a matter of seconds. In addition, plans are in place to roll out further diffusion accessories that will accommodate other applications.





Designed as a soft light – works as a space light

The SkyPanel also makes an amazing space light; by providing a large pool of downward soft light, as well as the ability to change CCT and vivid colors, SkyPanel offers a compelling alternative to conventional space lights. 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.

Powerful Mobility Battery mode included

The SkyPanel's low power consumption allows the fixture to be operated in many locations, using many different sources of power. With the on-board battery input, SkyPanel can easily run off industry-standard batteries.

Powerful, beautiful soft light need no longer be tethered to the wall or generator. The S60 and S120 can be operated at up to 50% of its total power while on battery, and the S30 can be used at full power.

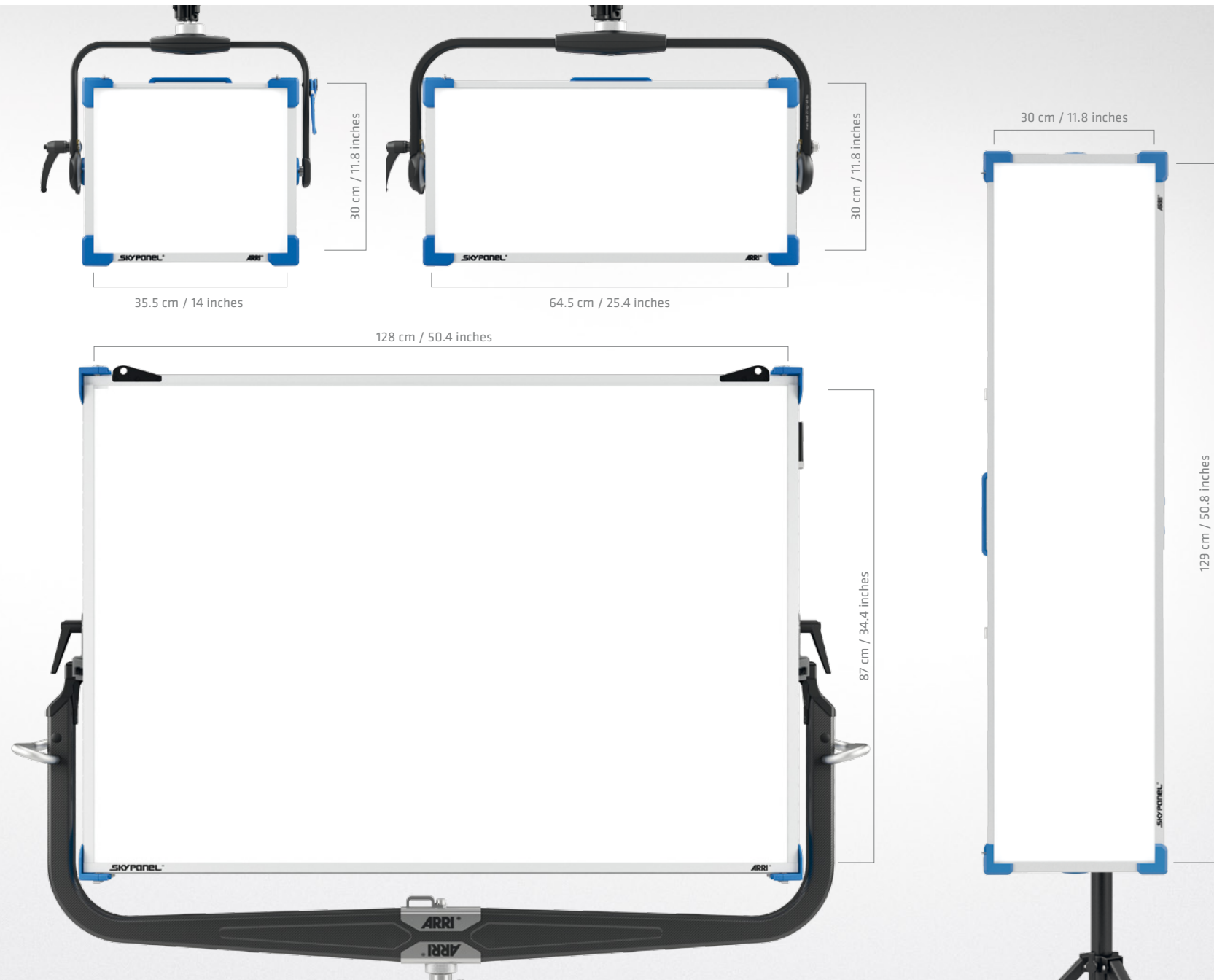






Large Aperture Bigger is better

Having a diffused light source is not enough to make a true soft light. SkyPanel also has one of the largest light apertures in its power class; this substantial opening contributes significantly to the soft quality of light and wrapping of the source around a subject. When it comes to soft light aperture, bigger is usually better.



Thin Profile Fit the SkyPanel into tight locations

The SkyPanel's thin 133 mm (5.2") profile permits the fixture to be used in tight locations where space is at a premium. Being able to tuck a SkyPanel right up against a wall and achieve the amount and quality of light it produces would be unthinkable with conventional fixtures.

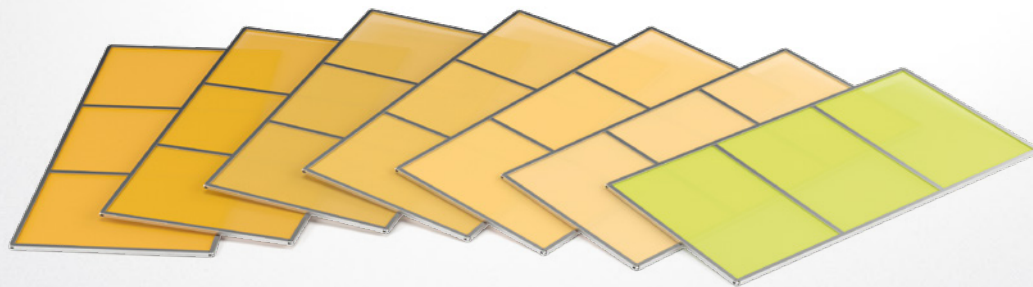


13,3 cm / 5.24 inches



Remote Phosphor Version Extra brightness, amazing color

In addition to the fully tuneable color versions of the SkyPanel, remote phosphor versions are also available for the S30 and S60. To make white LEDs, phosphors are typically placed directly on a single blue LED. Remote phosphor technology uses many powerful blue LEDs to excite a panel coated in phosphors, which is positioned further away from the LEDs.



These high-quality phosphors deliver near-perfect color rendition and outstanding light output. The remote phosphor versions of SkyPanel are slightly brighter than the color versions and have a lower price point due to less complex electronics. Different color temperature panels are available, including 2,700 K; 3,200 K; 4,300 K; 5,600 K, 6,500 K and 10,000 K. A chroma green phosphor panel is available for green screen lighting.



2,700 K

3,200 K

4,300 K

5,600 K

6,500 K

10,000 K

Built to Last

Constructed with great care from durable materials






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. The combination of an aluminum core with fiberglass-reinforced thermoplastics results in a solid fixture that can withstand heavy daily use on busy film sets.

The electronics have been designed to last beyond a minimum of 25,000 hours, and to be easily serviceable. The LED light engine even allows for recalibration, further enhancing SkyPanel's credentials as a long-lasting, high-quality fixture. As with all ARRI products, a high return on investment is ensured by uncompromising engineering standards.





Accessories

Controlling the Light	
Barndoors and FlexDoors	
Honeycombs	
Eggcrates, Snoots	
SkyBender	
Intensifier Panels	

Mounting Options	
Center Mount Yoke	
Fixed Center Mount Yoke	
Double Vertical Yokes	
Short yoke for S360	
Diffusion	
Diffusion panels	
Extra Diffusion Slots	

Remote Phosphor

Remote Phosphor Panels



Available for S30 and S60

Lightbanks

Chimera Lightbank with Frame or Brackets



DoPchoice SnapGrids and SnapBags



Chimera Lantern with Skirt



DoPchoice Octa



Space Light

Space Light Silk Mounting Adapter S60



Lamphead Control

SkyPanel Remote

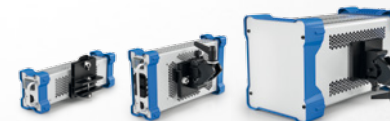


Portability

Battery Adapter Plates



PSU Attachments



Cases and Bags

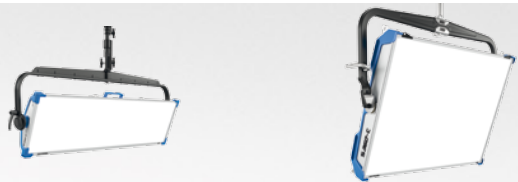
Molded Carrying Cases
Panel Carrying Bags



Technical data



	S30-C	S60-C	S30-RP	S60-RP
Optical System	Soft Diffusion Panel		Remote Phosphor Panel	
Light Aperture	355 x 300 mm / (14 x 11.8 inches)	645 x 300 mm / (25.4 x 11.8 inches)	355 x 300 mm / (14 x 11.8 inches)	645 x 300 mm / (25.4 x 11.8 inches)
Beam Angle	105° (Half Peak Angle)			
Weight	Manual Version: 7.4 kg (16.3 lbs) Pole Op Version: 9.0 kg (20 lbs)	Manual Version: 12.6 kg (27.8 lbs) Pole Op Version: 13.8 kg (30.4 lbs)	Manual Version: 7.4 kg (16.3 lbs) Pole Op Version: 9.0 kg (20 lbs)	Manual Version: 12.6 kg (27.8 lbs) Pole Op Version: 13.8 kg (30.4 lbs)
Handling	Aluminum Yoke, High Strength Tilt Lock, Pole Operation Option (Pan & Tilt)	Steel Yoke, High Strength Tilt Lock, Pole Operation Option (Pan & Tilt)	Aluminum Yoke, High Strength Tilt Lock, Pole Operation Option (Pan & Tilt)	Steel Yoke, High Strength Tilt Lock, Pole Operation Option (Pan & Tilt)
Mounting	16 mm / 28 mm Combo Pin (Baby 5/8 inch / Junior 1-1/8 inch)	28 mm Spigot (Junior Pin)	16 mm / 28 mm Combo Pin (Baby 5/8 inch / Junior 1-1/8 inch)	28 mm Spigot (Junior Pin)
Tilt Angle	+/- 90°			
Lamphead Voltage Input	48 V DC			
Power Consumption	200 W Nominal, 220 W Maximum	420 W Nominal, 450 W Maximum	190 W Nominal, 200 W Maximum	410 W Nominal, 420 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 - 36 V DC			
Battery Mode Light Output	100% of Total Output	50% of Total Output	100% of Total Output	50% of Total Output
White Light	2800 K - 10000 K Continuously Variable Correlated Color Temperature		Changeable Remote Phosphor Panels: 2700 K, 3200 K, 4300 K, 5600 K, 10000 K, Chroma Green	
Colored Light	Full RGB+W Color Gamut with Hue and Saturation Control		-	
Color Temperature Tolerance	+/- 100 K (nominal), +/- 1/8 Green-Magenta (nominal)		4 - 5 SDCM	
Color Rendition	CRI Average > 95 / TLCI Average > 91	CRI Average > 95 / TLCI Average > 90	2700 K: CRI > 98, TLCI > 98; 3200 K: CRI > 98, TLCI > 98; 4300 K: CRI > 97, TLCI > 96; 5600 K: CRI > 97, TLCI > 96; 10000 K: CRI > 92, TLCI > 88	
Green-Magenta Adjustment	Continuously Adjustable (Full Minusgreen to Full Plusgreen)		-	
Dimming	0 - 100% Continuous			
Control	On-Board Controller, 5-Pin DMX In and Through, EtherCon LAN Network Connectivity, USB-A			
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 20			
Estimated LED Lifetime (L70)	50,000 hours			
Estimated Color Shift Over Lifetime	+/- 5%			
Certifications	CE, CB, ENEC, cNRTLus, FCC, PSE			



	S120-C	S360
Optical System:	Soft Diffusion Panel	
Light Aperture:	1290 x 300 mm / (50.8 x 11.8 inches)	1280 x 870 mm (50.4 x 34.4 inches)
Beam Angle:	105° (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)	Manual Version: 41 kg (90.4 lbs)
Handling:	Aluminum Yoke, High Strength Tilt Lock Pole Operation Option (Pan & Tilt)	Carbon Fiber Yoke, High Strength Tilt Lock
Mounting:	28 mm Spigot (Junior Pin)	
Tilt Angle:	+/- 90°	
Lamphead Voltage Input:	48 V DC	54 V DC
Power Consumption:	400 W Nominal, 430 W Maximum	1500 W Nominal, 1600 W Maximum
Lamphead Power Connection:	Male 3-Pin XLR - 15 amp (Pin 1: Negative / Pin 2: Positive)	4-Pin Metal Locking Male Connector
Battery Connector:	Male 4-Pin XLR - 10 Amp (Pin 1: Negative / Pin 4: Positive)	Not Applicable
Battery DC Voltage Range:	23 - 36 V DC	Not Applicable
Battery Mode Light Output:	50% of Total Output	Not Applicable
Wireless Control:	Not Applicable	LumenRadio CRMX
White Light:	2,800K - 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 - 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 & Control, and Firmware Upgrade through PC or Mac, USB-A: Software Upgrade via flash drive	
Housing Color:	Blue/Silver, Black	Blue/Silver
Ambient Temperature Operation:	-20 to +45° C (-4 to +113° F)	
Protection Class:	IP 20	
Estimated LED Lifetime (L70):	50,000 hours	
Estimated Color Shift Over Lifetime:	+/- 5%	
Certifications:	CE, CB, ENEC, cNRTLus, FCC, PSE	

Power Supply Units

Power Supply Unit for S30

Power Supply Input Range:	110 - 240 V AC, 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:	2.1 kg (4.6 lbs)
Dimensions:	383 x 116 x 90 mm (15 x 4.6 x 3.5 inch)
Control:	On-Board On / Off Switch
Mounting:	Super Clamp Attachment / SkyPanel PSU Rail Mount

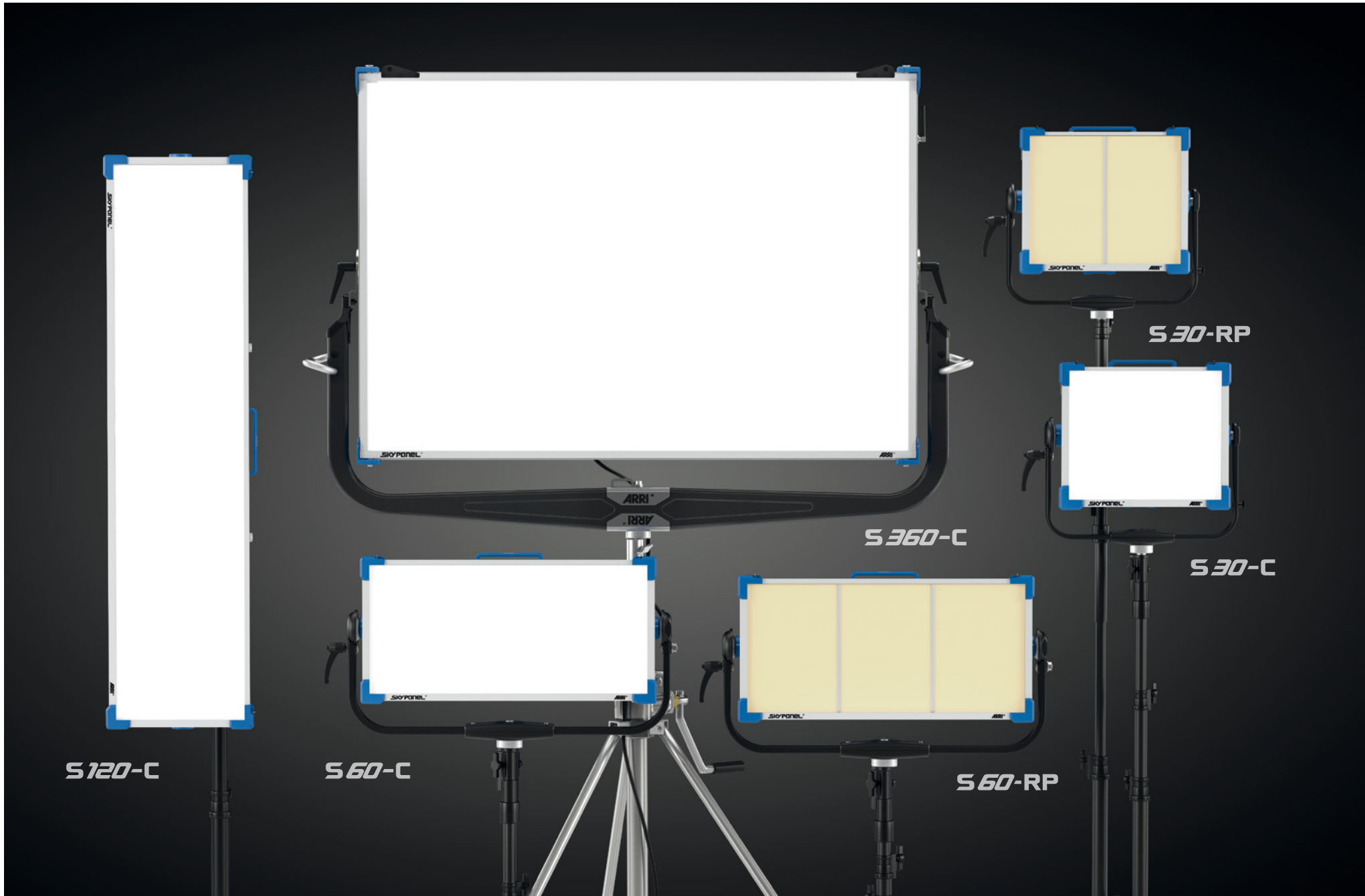
Power Supply Unit for S60/S120

Power Supply Input Range:	110 - 240 V AC, 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 192 x 90 mm (15 x 7.6 x 3.5 inch)
Control:	On-Board On / Off Switch
Mounting:	Super Clamp Attachment / SkyPanel PSU Rail Mount

Power Supply Unit for S360

Power Supply Input Range:	90 - 260 V AC, 50 / 60 Hz
Power Supply Output Range:	54 V DC
Power Input Connection:	powerCON 32 A (Schuko / Edison / China / Japan / Bare Ends cables available)
Power Output Connection:	4-Pin Metal Locking Connector
Weight:	10.7 kg (23.7 lbs)
Dimensions:	540 x 240 x 210 mm (21.3 x 9.5 x 8.3 inches)
Control:	On-Board On / Off Switch
Mounting:	Super Clamp Attachment

All specifications are nominal / typical values.



S120-C

S60-C

S360-C

S60-RP

S30-RP

S30-C



"The ARRI SkyPanel gives filmmakers the ability to quickly change colors without the need for gels. This creates new choices and allows for more creativity on set."

Helmut Prein, Gaffer

"I have been insisting on using ARRI lights for over 30 years, ever since being introduced on a film in France. They have always been better, brighter, and more reliable. The new SkyPanel is no exception, high output, great CRI, and a very user friendly design. I will be carrying several of them on every film I do."

Mo Flam, Gaffer



"I have only been able to see and briefly play with ARRI's new SkyPanel earlier this year, but what I saw I liked very much and can't wait to get it in the field and actually use it. It seems by far the most versatile LED soft light in it's class. In terms of color rendition, it is unrivaled and to have RGB, daylight, tungsten and green/magenta shift control in one unit with such powerful output is amazing. This could be the gold standard all other LED soft lights will be compared to."

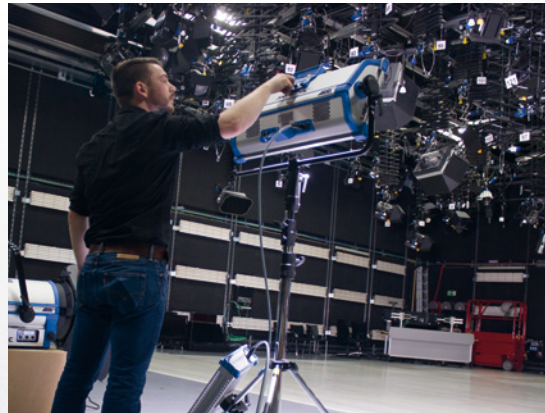
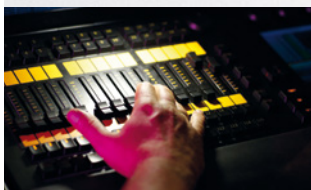
Robby Baumgartner, DoP

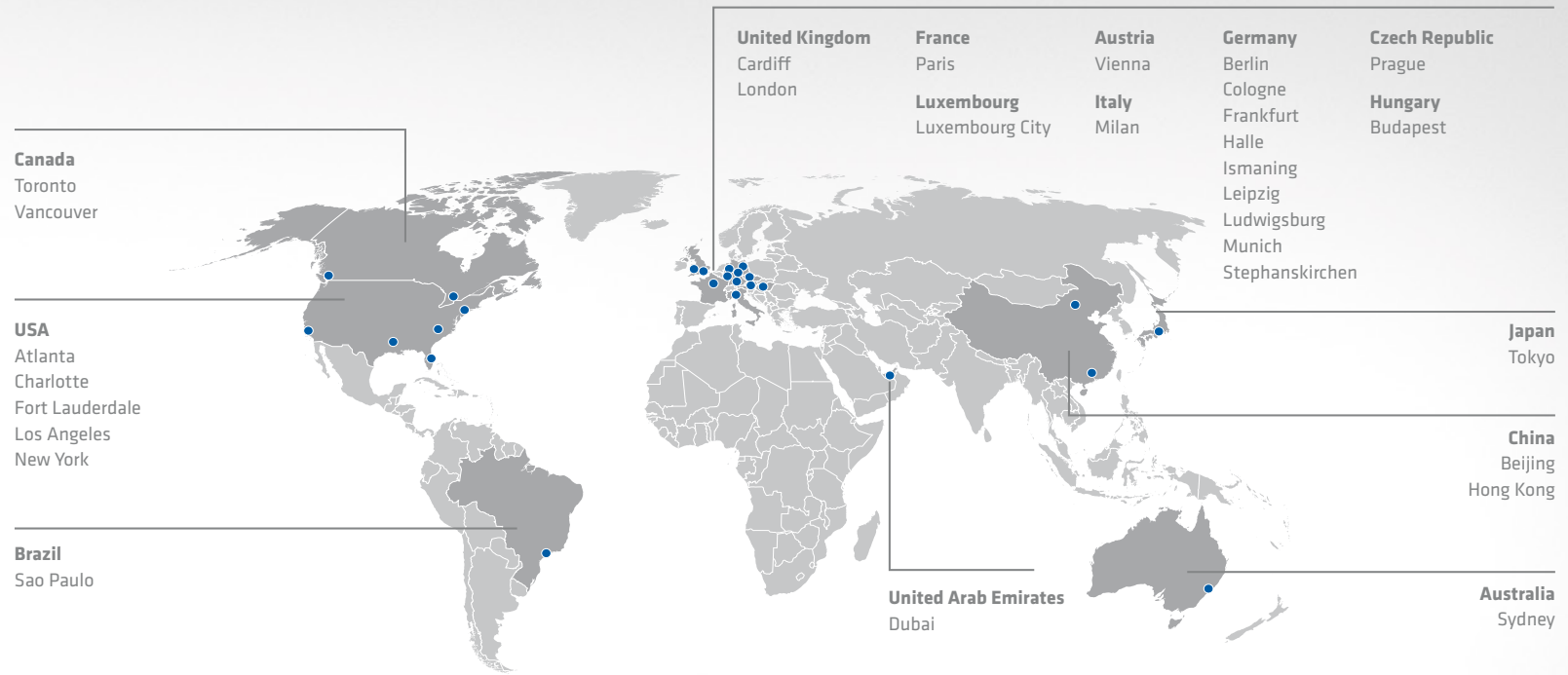


Global service and support for an international industry

ARRI products are renowned all over the world for their precision and durability. Despite this, ARRI values the trust of its customers in after-sales service and support as highly as their trust in the

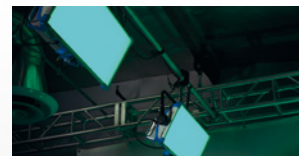
equipment itself. With service centers covering the entire globe, we are never too far away to provide the support you need, wherever you might be.





● ARRI Group
Service and support partners – contact details: www.arri.com

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