

# S60-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 will initially be available in two sizes: the S60 and S30. The S60 is a mid-range model, featuring a light aperture of 645 x 300 mm and accommodating the vast majority of applications. The S30 is a smaller, more portable version; half the length of the S60, it is perfect for on-the-go mobile applications. Both 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 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 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.



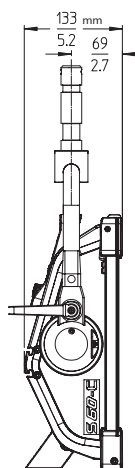
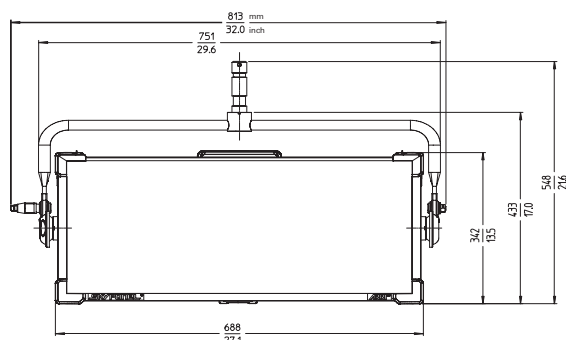
## Photometric Data (preliminary results)

|                               | 3 m / 9.8 ft |         | 5 m / 16.4 ft |         | 7 m / 23.0 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 | 1092 lx      | 1156 lx | 393 lx        | 416 lx  | 201 lx        | 212 lx  | 121 lx        | 128 lx  |
|                               | 101 fc       | 107 fc  | 37 fc         | 39 fc   | 19 fc         | 20 fc   | 11 fc         | 12 fc   |
| S60-C with Lite Diffusion     | 1284 lx      | 1359 lx | 462 lx        | 489 lx  | 236 lx        | 250 lx  | 143 lx        | 151 lx  |
|                               | 119 fc       | 126 fc  | 43 fc         | 45 fc   | 22 fc         | 23 fc   | 13 fc         | 14 fc   |
| S60-C with Heavy Diffusion    | 888 lx       | 939 lx  | 320 lx        | 338 lx  | 163 lx        | 173 lx  | 99 lx         | 104 lx  |
|                               | 82 fc        | 87 fc   | 30 fc         | 31 fc   | 15 fc         | 16 fc   | 9 fc          | 10 fc   |
| S60-C with Intensifier        | 1420 lx      | 1502 lx | 511 lx        | 541 lx  | 261 lx        | 276 lx  | 158 lx        | 167 lx  |
|                               | 132 fc       | 140 fc  | 47 fc         | 50 fc   | 24 fc         | 26 fc   | 15 fc         | 16 fc   |

| Order No.  | Description                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------|
| L0.0007063 | S60-C, Manual, Blue/Silver, 3m DC Cable, S60 PSU, PSU Rail Mount, Standard Diffusion Panel, Edison powerCON     |
| L0.0007064 | S60-C, Manual, Blue/Silver, 3m DC Cable, S60 PSU, PSU Rail Mount, Standard Diffusion Panel, Schuko powerCON     |
| L0.0007065 | S60-C, Manual, Blue/Silver, 3m DC Cable, S60 PSU, PSU Rail Mount, Standard Diffusion Panel, Chinese powerCON    |
| L0.0007066 | S60-C, Pole Op, Blue/Silver, 1m DC Cable, S60 PSU, PSU Rail Mount, Standard Diffusion Panel, Bare Ends powerCON |
| L0.0007067 | S60-C, Pole Op, Black, 1m DC Cable, S60 PSU, PSU Rail Mount, Standard Diffusion Panel, Bare Ends powerCON       |

**SKYPANEL** 

**SOFT LIGHTING | REDEFINED**



### Specifications (preliminary)

#### Lamphead

|                                     |                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------|
| Optical System                      | Soft Diffusion Panel                                                                    |
| Light Aperture                      | 645 x 300 mm / (25.4 x 11.8 inches)                                                     |
| Beam Angle                          | 110° (Half Peak Angle)                                                                  |
| Weight                              | Manual Version: 12 kg (26.5 lbs)<br>Pole Op Version: 13 kg (28.7 lbs)                   |
| Handling                            | Steel 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 - 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           | 50% of Total Output                                                                     |
| White Light                         | 2,800K - 10,000K 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<br>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 |
| Remote Device Management (RDM)      | DMX Setup, Hour Counter and Standard RDM Commands                                       |
| USB Interface                       | DMX Setup, Fixture Status and Firmware Upgrade Through PC, Mac and USB Stick            |
| 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 | < 200 K                                                                                 |
| Certifications (pending)            | CE, FCC; GS, cNRTL, CB                                                                  |

#### Power Supply Unit

|                           |                                                                                                       |
|---------------------------|-------------------------------------------------------------------------------------------------------|
| Power Supply Input Range  | 90 - 250 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 - 10 Amp (Pin 1: Negative / Pin 2: Positive)<br>powerCON TRUE1 (mains power through) |
| Weight                    | 5 kg (11 lbs.)                                                                                        |
| Control                   | On-Board On/Off Switch                                                                                |
| Mounting                  | Super Clamp Attachment / SkyPanel PSU Rail Mount                                                      |

All specifications are nominal / typical values.

This device has not yet been authorized by the rules of the Federal Communications Commission. This device is not, and will not be, offered for sale or lease within the United States, until authorization is obtained.

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SOFT LIGHTING | REDEFINED