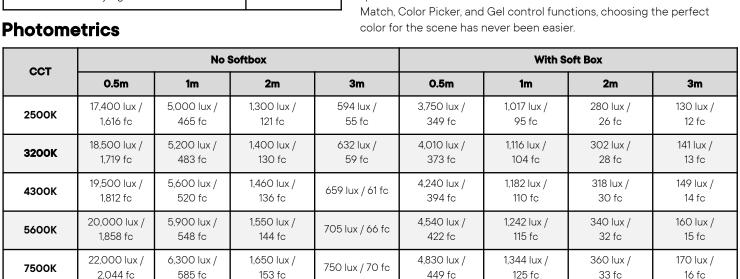# amaran

P60c Data Sheet

Main Features

- **60W Output RGBWW Lensed LED Panel**
- **78W Max Power Draw**
- **5,900 lux @ 1 meter (5600K)**
- Tunable CCT from **2,500K to 7,500K**
- Tunable Green-Magenta Adjustment (Full Plus/Minus Green)
- **CRI: 95+, TLCI: 96+, SSI (Tungsten): ≥83, SSI (D56): ≥74**
- **Stepless Dimming** from **0 to 100%**
- **Sidus Link App Compatible**
- **Unique Optical Design Creates More Organic Shadows**
- **46 Color Gel Presets**
- **4 User Configurable Preset Buttons**
- **Ultra-quiet Active Cooling System**
- **Built-in Lighting FX**: Lightning, Paparazzi, Strobe, Cop Car, Fireworks , Pulsing, Faulty Bulb, Fire, TV , Party Lights
- **Integrated Sony NP-F Battery Plates**
- **Charges Sony NP-F Style Batteries**
- **Locking DC Input**
- **D-Tap Battery** Operable using **"D-Tap Power Cable (2-Pin)" (Sold Separately)**
- **OLED display**
- **Tool-less Soft Box** with **Light Control Grid (45°)**
- Soft Box **Collapses Down** to **20cm (7.87in)**
- **Three 1/4-20" Mounting Points**
- **Tilting Mounting Support with Umbrella Holder**
- **Soft Carrying Case Included**
- Operating Temperature Range: **-20°C~45°C**

What's In the Box

Name	Quantity
amaran P60c	1
amaran P60c Soft Box	1
amaran P60c Soft Box Light Control Grid	1
AC Power Supply	1
AC Power Cable	1
Tilting Mounting Support with ¼-20in & 3/8-16in Spigot	1
amaran P60c Carrying Case	1

Product Description

The amaran P60c is an RGBWW full-color LED Panel designed for content creators, videographers, and indie filmmakers. Its optical design (45°) allows the P60c to use its 60W RGBWW LED chipset to produce high-intensity light output, measuring a stunning 5,900+ lux at 1 meter (5600K). In addition, using the control knobs or the built-in Sidus Link App integration, users can adjust the color temperature (2500K-7500K) or the saturated color using HSI.

This robust fixture can also utilize 10 built-in lighting effects and up to 46 color gel presets, in addition to the 4 user-configurable preset buttons. Using the Sidus Link app, users can also utilize specialized tools such as Source Match, Color Picker, and Custom FX.

The amaran P60c also accomplishes these feats while maintaining excellent color rendering scores of CRI ≥95 and TLCI ≥96.

The P60c can be operated using the included AC Power Supply or two Sony NP-F Style batteries for over an hour. When connected to AC Power, the P60c can also charge NP-F Style batteries, making it the perfect multi-tool for content creators.

With the unique design of the P60c, users can attach the included collapsible soft box to the four corners of the panel without any tools or screws. The P60c also includes a 45° light control grid for the soft box, limiting spill light and easily attaching using hook-and-loop fabric.

The amaran P60 series is compact, lightweight, and portable, making it a flexible tool for any video.

Target Audience

The amaran P60c is ideal for content creators, indie filmmakers, and videographers who need a portable and flexible lighting solution that can use or charge NP- Style batteries, in addition to AC power. The RGBWW panel allows you for have full control over the color of the panel, and easily add a splash of color to their scene.

With its optical design, the panel light gives the naturally medium-sized source strong output while maintaining the ability to be softened in less than a minute with the included collapsible soft box. The Sidus Link App integration also makes the amaran P60c perfect for users who prefer to adjust settings without touching their light so they can spend more time in front of or behind their camera. With the Source Match, Color Picker, and Gel control functions, choosing the perfect color for the scene has never been easier.

Photometrics

CCT	No Softbox				With Soft Box			
	0.5m	1m	2m	3m	0.5m	1m	2m	3m
2500K	17,400 lux / 1,616 fc	5,000 lux / 465 fc	1,300 lux / 121 fc	594 lux / 55 fc	3,750 lux / 349 fc	1,017 lux / 95 fc	280 lux / 26 fc	130 lux / 12 fc
3200K	18,500 lux / 1,719 fc	5,200 lux / 483 fc	1,400 lux / 130 fc	632 lux / 59 fc	4,010 lux / 373 fc	1,116 lux / 104 fc	302 lux / 28 fc	141 lux / 13 fc
4300K	19,500 lux / 1,812 fc	5,600 lux / 520 fc	1,460 lux / 136 fc	659 lux / 61 fc	4,240 lux / 394 fc	1,182 lux / 110 fc	318 lux / 30 fc	149 lux / 14 fc
5600K	20,000 lux / 1,858 fc	5,900 lux / 548 fc	1,550 lux / 144 fc	705 lux / 66 fc	4,540 lux / 422 fc	1,242 lux / 115 fc	340 lux / 32 fc	160 lux / 15 fc
7500K	22,000 lux / 2,044 fc	6,300 lux / 585 fc	1,650 lux / 153 fc	750 lux / 70 fc	4,830 lux / 449 fc	1,344 lux / 125 fc	360 lux / 33 fc	170 lux / 16 fc

Technical Specifications

CCT		2,500K~7,500K
G/M Adjustable		±1.00G
CRI		≥95
TLCI		≥96
CQS		≥96
SSI (Tungsten)		≥83
SSI (D56)		≥74
TM-30 RF (Average)		94
TM-30 RG (Average)		103
Beam Angle	**No Accessory**	45°
Max Power Output		60W
Max Power Consumption		≤78W
Operating Current		4.5A
Operating Voltage	**AC Power Supply**	15V DC
	D-Tap Battery	12-16.8V DC
	NP-F Battery	6.5V-8.4V DC
Battery Charging	**Battery Type**	Sony NP-F Style
DC Input		2-Pin DC Self-locking Waterproof
AC Power Cable		Self-locking IEC C13 AC Power Cable (1.5m)
Operating Temperature		-20°C ~ 45°C / -4°F ~ 113°F
Control Methods		On-board, Sidus Link App
Connectivity		Bluetooth 5.0 (Sidus Mesh)
Bluetooth Operating Range		≥80m / 262.5ft
Firmware Upgradeable		Sidus Link OTA
Display Type		OLED
Cooling Method		Active Cooling
Accessories	**Umbrella Holder**	Yes
	Soft Box	Yes
Mounting		1/4-20in * 3, Tilting Support Column
Estimated LED Lifetime (L70)		50,000 Hours
Estimated Color Shift Over Lifetime (CCT)		2% over 6,000 Hours
Certifications		CE, FCC, cTUVus, KC, NCC, ROHS

amaran
P60c Data Sheet

Dimensions	**Fixture**	27.1*21.3*4.34cm / 10.67*8.39*1.7in
	Aperture	26.90 * 21.00cm / 10.5*8.2in
	Soft Box (Collapsed)	20*20*2.5cm / 7.8*7.8*.98in
	Soft Box (Built)	41*34*10cm / 16.1*13.3*3.9in
	Carrying Case	27.4*21.8*9.5cm / 10.79*8.58*3.74in
Weight	**Fixture**	1.880kg / 4.145lbs
	Soft Box	0.17kg / .37lbs
	Power Supply	0.50kg / 1.1lbs
	Mounting Bracket	0.24kg / .53lbs

Sales and Shipping Information

Product Name	amaran P60c	
SKU	**US Plug**	AMP60CUS
	UK Plug	AMP60CUK
	EU Plug	AMP60CEU
	AU Plug	AMP60CAU
	JP Plug	AMP60CJP
UPC	**US Plug**	6971842182107
	UK Plug	6971842182138
	EU Plug	6971842182114
	AU Plug	6971842182121
	JP Plug	N/A
Packing Dimensions	34*18*26.5cm / 13.39*7.09*10.43in	
Net Weight	3.160kg / 6.967lbs	
Gross Weight	3.988kg / 8.792lbs	
Carton Qty	3pcs / Carton	
Carton Dimensions	56*35.5*29.5cm / 22.05*13.98*11.61in	
Carton Weight	12.76kg / 28.13lbs	