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amaran 100d S Data Sheet

Main Features

- **Ultra-High Color Quality** 100W Output Daylight Bowens Mount Point-Source LED
- **Upgraded High SSI LEDs:** SSI (D56): **86+** — Significantly Improved Spectral Continuity and Light Quality
- **Increased CRI, TLCI, TM-30 and SSI Scores** for Super Accurate Color Rendering
- CRI: **96+**, TLCI: **99+**, TM-30 Rf: **96**, TM-30 Rg: **103**
- **Up to 34,600 lux @ 1 meter** with Hyper Reflector
- **Universal Bowens Accessory Mount**
- Daylight CCT: **5,600K**
- **Sidus Link** App Control
- **Stepless Dimming** from **0-100%**
- Built-in **Umbrella Holder**
- Integrated **Silent Cooling** System
- **Compact & Lightweight** Lamp Head
- **Easy to Operate** Minimalist **User Interface**
- Click Control Knob to **Toggle Through Intensity Presets**
- **8 Built-in Lighting FX:** Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Pulsing, Strobe, & Explosion
- **48V DC Power Input:** AC & Battery Power Options
- **3m Long Power Supply Cable**

Target Audience

With its ultra-high color quality, all-in-one build for convenient operation, and versatile power options, the amaran 100d S is perfect for videographers, indie filmmakers, creators, and photographers who need a lightweight fixture without sacrificing exceptional spectral and image quality.

For creators lighting home studios or livestream setups, the significantly improved spectral quality of the 100d S will ensure accurate skin tone reproduction with industry-leading color quality. And as a fully integrated fixture, its 100W output is an ideal key light for talking heads and small subjects, while still being easy to manage and stow away when not in use.

Its universal Bowens Mount can be paired with a variety of modifiers, such as the included Bowens Mount Hyper Reflector, making it a fantastic multi-tool for soft or intense lighting for filmmakers and photographers alike. And its silent cooling system will never interfere with any scenario, whether creating content at home or on-the-move.

For maximum convenience and efficiency, on location or in the studio, users can wirelessly control the 100d S with the Sidus Link mobile app. Finetune your lighting settings, activate Lighting FX, or control multiple lights in a scene to enhance any lighting design.

The compact versatility of the 100d S makes it an essential addition to any filmmaker, creator, or photographer's lighting arsenal.

Product Description

The amaran 100d S is a 100W daylight Bowens Mount point-source light with integrated controls, versatile power options, and an upgraded LED chipset for increased color quality and spectral reproduction.

Featuring an all-new dual-blue LED chipset design, the 100d S has improved spectral continuity to achieve stunning spectral reproduction of an ultra-high SSI (D56) of 86, a 19% increase in SSI from its predecessor. The 100d S also features super accurate color rendering, with increased CRI [96], TLCI [99], TM-30 RF [96], and TM-30 RG [103] values.

Equipped with a universal Bowens Mount, the 100d S is compatible with the largest selection of modifiers on the market, including the Light Dome SE, Light Dome Mini II, and Aputure Lantern, making it an incredibly versatile multi-tool. For additional versatility, the 100d S features an umbrella mount integrated into the lamp head.

Matching the all-in-one build of its predecessor, the 100d S contains a powerhouse LED that can output 34,600+ lux at 1 meter when paired with the Hyper Reflector. Its simple and compact form factor houses an intuitive LCD screen and control knob interface that seamlessly blends into the body of the fixture, with the ability to adjust the light in 1% increments and toggle through intensity presets with ease.

Using its integrated Sidus Mesh technology, the 100d S can be controlled wirelessly via the Sidus Link app, granting it access to 8 lighting effects, including Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Pulse, Strobe, and Explosion.

In addition to the included AC Power Supply, its 48V DC power input grants the 100d S with the flexibility of battery power using two Gold or V-Mount batteries with the Aputure 2-Bay Battery Power Station*, providing versatile power options for seamless workflows across all shooting environments.

* Aputure 2-Bay Battery Power Station Sold Separately

What's in the Box

Name	Qty
amaran 100d S	1
Bowens Mount Protection Cover	1
Bowens Mount Hyper Reflector	1
AC Power Supply	1
AC Power Cable	1

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amaran 100d S Photometrics

CCT	Dis.	No Reflector	Hyper Reflector
5,600K	0.5m	15,870 lux	149,200 lux
		1,474 fc	13,861 fc
	1m	4,060 lux	34,600 lux
		377 fc	3,214 fc
	3m	490 lux	3,750 lux
		46 fc	348 fc
	5m	189 lux	1,302 lux
		18 fc	121 fc

Sales & Shipping Information

Product Name		amaran 100d S
EAN	EU Plug	6971842185764
	UK Plug	6971842185740
Packing Dimensions		38.3 x 27.4 x 24.3cm 15.08 x 10.79 x 9.57in
Net Weight		2.398kg / 5.29lbs
Gross Weight		3.268kg / 7.20lbs
Carton Quantity		1 pc
Carton Dimensions		40.2 x 29 x 26.2cm 15.83 x 11.42 x 10.31in
Carton Weight		3.78 kg / 8.33lbs

amaran 100d S Specifications

CCT		5,600K
CRI		96+
TLCI		99+
CQS		95+
SSI (D56)		86+
TM-30 RF (Average)		96
TM-30 RG (Average)		103
Max Power Consumption		110.9W
Max Power Output		100W
Lumens		10,000lm
Beam Angle	No Reflector	110.9°
	Hyper Reflector	17.1°
Operating Voltage	DC Power Supply	48V / 2.7A
	AC Power Supply	100V ~ 240V / 2.0A
Operating Temperature		-10°C ~ 40°C / 14°F ~ 104°F
Storage Temperature		-20°C ~ 80°C / -4°F ~ 176°F
Control Methods		On-board, Sidus Link App
Firmware Upgradeable		Sidus Link
Wireless Operating Range (Bluetooth)		≤100m / ≤328.1ft
Screen Type		LCD
Cooling Method		Active Cooling
Dimensions	Lamp Head w/o Mounting Bracket	207 x 115 x 115cm 81.5 x 45.3 x 45.3in
	Lamp Head w/ Mounting Bracket	207 x 119 x 200cm 81.5 x 46.9 x 78.7in
	Power Supply	137.3 x 59.1 x 36.1mm 5.41 x 2.33 x 1.42in
	Power Cable	300cm / 11.8.11in
Weight	Lamp Head	1.42kg / 3.13lbs
	Power Supply	490g / 1.08lbs
	Total with Case	3.268kg / 7.20lbs