



amaran 300c Data Sheet

Main Features

- **RGBWW Full-Color 300W** Output Bowens Mount Point-Source LED
- **Color-Blending Optical Design: Compatible with Optical & Soft Light Bowens Mount Modifiers** Including Fresnel 2X, Spotlight SE, & amaran Light Dome Mini SE,
- **Redesigned Silent Active Cooling System**
- **Up to 26,580 lux @ 1m** with Hyper Reflector @ 5,600K
- **Stepless Dimming** from **0-100%**
- **2,500K to 7,500K CCT** with **G/M Adjustment**
- CRI: **95+**, TLCI: **95+**, TM-30 Rf: **92**, TM-30 Rg: **101**, SSI (Tungsten): **83**, SSI (D56): **71**
- **360° HSI** Full Color Control
- **>90%** of Colors Within **Rec.2020** Color Space
- **Sidus Link** App Control with Sidus Mesh Technology
- Built-in **Umbrella Holder**
- **Redesigned Ergonomic** Bowens Mount Release Latch
- **Metal** Bowens Mount & Baby Pin Receiver
- **New, Sleeker** Lamp Head Design
- **Dual Rear-Facing Side Handles** for Easy Handling
- **Easy to Operate** Minimalist **User Interface**
- Click Control Knob to **Toggle Between CCT & HSI Modes**
- **9 System FX:** Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Pulsing, Strobe, Explosion, & Fire
- **48V DC Power Input:** AC & Battery Power Options
- **3m Long DC Power Cable**

Target Audience

For filmmakers who need a compact, affordable, full-color point-source LED light with a simple user experience and Bowens Mount modifiability, the amaran 300c is the perfect answer.

With point-source color as its strength, the amaran 300c gives creatives control that no other amaran fixture can – and with the amaran ecosystem, the 300c and its 150c counterpart outpace any comparable tool on the market.

Users who require adaptability from their lights will benefit from the amaran 300c's integrated Bowens mount, which can be paired with nearly every Aputure and amaran (and 3rd party) Bowens mount modifier. By changing modifiers, the 300c can fill the roles of multiple fixtures on set, from hard to soft.

For maximum convenience, the amaran 300c can be wirelessly controlled with other Aputure and amaran via the Sidus Link mobile app, creating a finely-tunable lighting ecosystem to be used on set or even from in-front of the camera.

Filmmakers who work on set will appreciate the lightweight yet sturdy build of the 300c as it does not require heavy stands to support it. With 300W of output, this light can easily be a key or fill light on set.

With a silent active cooling system, the amaran 300c can be used in environments that demand quiet atmospheres, including small studios, important interviews, and indie film sets.

The color control, modifiability, and build quality of the amaran 300c make it an incredibly valuable addition to any filmmaker's lighting arsenal.



Product Description

The amaran 300c is amaran's first-ever full-color 300W Bowens Mount point-source LED light, combining RGBWW full-color control, optical and soft light Bowens Mount versatility, integrated controls, and most importantly, high-quality light output.

Using the same foundational RGBWW technology as professional fixtures like the Aputure LS 600c Pro, the amaran 300c produces stunning color quality throughout its expanded bi-color CCT range of 2,500K to 7,500K with green-magenta adjustment and 360° HSI color control with >90% coverage of the Rec.2020 Color Space. And with high CRI/TLCI [95+], SSI (D56) [71], and SSI (Tungsten) [83] scores, the amaran 300c can reliably output color-accurate light to achieve faithful skin tones.

The amaran 300c also punches well above its weight class, outputting 26,580 lux (5600K) using the included Hyper Reflector combined with 0-100% dimming control.

Featuring the universal Bowens Mount and color-blending optics, the 300c's high-intensity output can also be magnified or diffused, using a large variety of Bowens Mount modifiers, including optical modifiers like the Fresnel 2X & the brand-new amaran Spotlight SE, and soft light modifiers like the all-new amaran Light Dome Mini SE for producing even light.

The 300c features a minimalist control interface that blends into the body for a simple yet elegant lamp head design, removing the need for a control box. The dual rear-facing side handles and redesigned Bowens Mount release latch even allow for ergonomic adjusting of the fixture wherever it is rigged. Equipped with a redesigned high-efficiency heat sink and silent active cooling system, users can focus on choosing the perfect-colored light instead of fan noise.

Using Sidus Mesh technology, the amaran 300c can be controlled wirelessly. The Sidus Link App can help match colors perfectly with Color Picker and activate 9 System FX including Party Lights, Cop Car, Paparazzi, Fireworks, Lightning, Faulty Bulb, TV, Explosion, Fire, Pulsing, and Strobe.

With its 48V DC power input the 300c can freely switch between the AC adapter for studio shoots or the flexibility of battery power using with the Aputure 2-Bay Battery Power Station (sold separately).

Packaged in an EPP (expanded polypropylene) eco-friendly carrying case, the amaran 300c comes ready to travel to your next set with its lightweight storage solution.

What's in the Box

Name	Qty
amaran 300c	1
Bowens Mount Protection Cover	1
Bowens Mount Hyper Reflector	1
AC Power Supply	1
AC Power Cable	1
amaran 300c Carrying Case	1

amaran

amaran 300c Photometrics

CCT	Dis.	No Reflector	Hyper Reflector	Fresnel 2X (Flood)	Fresnel 2X (Spot)
2,500K	1m	7,000 lux 650 fc	19,790 lux 1,839 fc	18,960 lux 1,761 fc	32,800 lux 3,047 fc
	3m	852 lux 79 fc	1,757 lux 163 fc	2,387 lux 222 fc	4,050 lux 376 fc
3,200K	1m	7,520 lux 699 fc	21,390 lux 1,987 fc	20,440 lux 1,899 fc	35,300 lux 3,279 fc
	3m	915 lux 85 fc	1,896 lux 176 fc	2,580 lux 240 fc	4,370 lux 406 fc
4,300K	1m	8,260 lux 767 fc	23,510 lux 2,184 fc	22,300 lux 2,072 fc	38,600 lux 3,586 fc
	3m	1,004 lux 93 fc	2,080 lux 193 fc	2,817 lux 262 fc	4,790 lux 445 fc
5,600K	1m	9,370 lux 871 fc	26,580 lux 2,469 fc	25,120 lux 2,334 fc	43,600 lux 4,051 fc
	3m	1,140 lux 106 fc	2,351 lux 218 fc	3,180 lux 295 fc	5,410 lux 503 fc
7,500K	1m	9,180 lux 853 fc	26,200 lux 2,434 fc	24,750 lux 2,299 fc	43,000 lux 3,995 fc
	3m	1,119 lux 104 fc	2,321 lux 216 fc	3,140 lux 292 fc	5,330 lux 495 fc
Red	1m	732 lux 68 fc	2,427 lux 225 fc	1,660 lux 154 fc	2,870 lux 267 fc
	3m	81 lux 8 fc	270 lux 25 fc	184 lux 17 fc	319 lux 30 fc
Green	1m	1,217 lux 113 fc	4,400 lux 409 fc	3,500 lux 325 fc	6,030 lux 560 fc
	3m	135 lux 13 fc	489 lux 45 fc	389 lux 36 fc	670 lux 62 fc
Blue	1m	504 lux 47 fc	1,806 lux 168 fc	1,700 lux 158 fc	2,920 lux 271 fc
	3m	56 lux 5 fc	201 lux 19 fc	189 lux 18 fc	324 lux 30 fc

Sales & Shipping Information

Product Name	amaran 300c	
	SKU	EAN
EU Plug	AP30011A11	6971842185016
UK Plug	AP30011A13	6971842185030
Packing Dimensions	44.4 x 34.8 x 22.7cm 17.5 x 13.7 x 8.9in	
Net Weight	4.4kg / 9.7lbs	
Gross Weight	5.3kg / 11.7lbs	
Carton Quantity	2 pcs	
Carton Dimensions	46.7 x 45.5 x 37cm 18.4 x 17.9 x 14.6in	
Carton Weight	11.7kg / 25.8lbs	



amaran 300c Specifications

CCT	2,500K – 7,500K	
CRI	95+	
TLCI	95+	
CQS	97+	
SSI (Tungsten)	83+	
SSI (D56)	71+	
TM-30 RF (Average)	92	
TM-30 RG (Average)	101	
Max Power Consumption	360W	
Max Power Output	300W	
Lumens	19,389 lm (5,600K)	
Beam Angle	No Reflector	89.6°
	Hyper Reflector	64.8°
Operating Voltage	Fixture	DC 48V / 7.5A
	AC Power Supply	100V ~ 240V / 2.5A / 50-60 Hz
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	25.0 x 15.5 x 14.2cm 9.8 x 6.1 x 5.6in
	Lamp Head w/ Mounting Bracket	25.0 x 19.4 x 25.1cm 9.8 x 7.6 x 9.9in
	Power Supply	19.8 x 9.9 x 2.8cm 7.8 x 3.9 x 1.1in
	DC Power Cable	3m / 9.84ft
Weight	Lamp Head	2.63kg / 5.8lbs
	Power Supply	888g / 1.96lbs
	Total with Case	3.52kg / 7.76lbs